9.3 Air Quality Assessment

Air Quality Assessment

BNSF Ono Lead Track Extension Project
City of San Bernardino

Kimley»Horn
Expect More. Experience Better.

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January 2021

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LIST OF ABBREVIATED TERMS

AQMP	air quality management plan
AB	Assembly Bill
ADT	average daily trips
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CAAQS	California Ambient Air Quality Standards
CCAA	California Clean Air Act
CalEEMod	California Emissions Estimator Model
CEQA	California Environmental Quality Act
CO	carbon monoxide
cy	cubic yards
DPM	diesel particulate matter
EPA	Environmental Protection Agency
FCAA	Federal Clean Air Act
H_2S	hydrogen sulfide
Pb	Lead
LST	localized significance threshold
$\mu g/m^3$	micrograms per cubic meter
MP	mile post
mg/m^3	milligrams per cubic meter
NAAQS	National Ambient Air Quality Standards
NO_2	nitrogen dioxide
NO_x	nitrogen oxide
O_3	Ozone
PM_{10}	particulate matter less than 10 microns in diameter
$PM_{2.5}$	particulate matter less than 2.5 microns in diameter
ppm	parts per million
ROG	reactive organic gases
RTP/SCS	Regional Transportation Plan/Sustainable Communities Strategy
ROW	right-of-way
SRA	source receptor area
SCAB	South Coast Air Basin
South Coast AQMD	South Coast Air Quality Management District
SCAG	Southern California Association of Governments
SIP	State Implementation Plan
SF	square foot
SO_{4-2}	Sulfates
SO_2	sulfur dioxide
TAC	toxic air contaminant
C_2H_3Cl	vinyl chloride
VOC	volatile organic compound

1 INTRODUCTION

This report documents the results of an Air Quality Assessment completed for the Burlington Northern and Santa Fe Railway Company (BNSF) Ono Lead Track Extension Project (Project). The purpose of this Air Quality Assessment is to evaluate the Project's potential construction and operational emissions and determine the Project's level of impact on the environment.

1.1 Project Location and Setting

The Project site is at the southwest corner of the County of San Bernardino (County), in the southern portion of the City of San Bernardino (City); see Exhibit 1: Regional Vicinity Map. The most northerly segment (approximately 0.25 linear mile), is separated by approximately 1.0 linear miles from the southerly segment. The Project extends approximately 4.1 linear miles along BNSF right-of-way (ROW) adjacent and west of Interstate 215 (I-215) between Milepost (MP)[1] 75.14 and MP 80.61. The Project limits are from the BNSF crossing at State Street and University Parkway on the north to the existing BNSF San Bernardino Intermodal Facility A Yard (A Yard) at West 5th Street on the south. The A Yard is immediately south of the Project's southern extent; see Exhibit 2: Local Vicinity Map.

The Project site is in a fully urbanized area comprised primarily of BNSF ROW, commercial, industrial, and residential land uses, vacant lots, and roadways. The Project site consists of existing BNSF ROW and adjacent properties where ground disturbances or property acquisitions would occur. The BNSF ROW consists of an existing three and four track railroad system with associated signal poles, electrical poles, and cabinets. The adjacent properties involve industrial, commercial, and single-family residential land uses, vacant lots, and City roadways. Underground and overhead utility lines are present throughout the Project area. The Project site is generally level, with onsite elevations ranging from approximately 1,080 to 1,200 feet above mean sea level.

1.2 Project Description

Project Characteristics

The Project proposes to install a fourth lead track extension from the existing A Yard to connect with two existing Ono Storage Sidings located near the State Street and University Parkway grade separation. The Project is intended to enhance the A Yard's train traffic efficiency by reducing congestion along the existing lead tracks servicing BNSF's east-west corridor.

The Project proposes to extend the existing approximately 0.18-mile A Yard lead track, which runs parallel to the existing three mainline tracks, by approximately 2.7 miles. The proposed fourth lead track extension would close the existing gaps between the two Ono Storage Sidings creating a continuous lead track. With the proposed improvements, the A Yard would have capacity to assemble and hold outbound trains and switch out the yard without fouling the mainline. The Project does not propose to increase line operations, instead it would increase the A Yard's operational efficiency. The Project involves storm drainage/water quality, circulation/roadway, signal, and utility improvements/modifications ancillary and related to the lead track extension. Partial and full property acquisitions would be required to implement the proposed improvements. Appendix A: Conceptual Design Plans, includes the conceptual design plans depicting the properties proposed for acquisition.

The Ono Lead Track Extension Project consists of the following main components:

[1] The Rail MP feature identifies a given point (i.e. MP) assigned by Caltrans along freight and passenger rail networks.

- A fourth lead track extension consisting of approximately 2.7 miles (14,065 feet) of new track, with associated roadbed improvements. Storm drainage/water quality, circulation/roadway, signal, and utility improvements/modifications ancillary and related to the lead track extension are necessary, as described below.
- Storm drainage/water quality improvements including swales are proposed at numerous locations along the Project route.
- Circulation/roadway improvements/modifications to multiple City roadways, including vacations, realignments, and cul-de-sacs.
- Railroad Signal improvements/modifications include relocating and upgrading as many as four cantilevered signals and relocating or removing seven signal bungalows.
- Utility improvements/modifications include relocating utility lines that are present within the Project area.
- Partial and full property acquisitions totaling up to approximately 30 acres, as needed to accommodate the lead track extension, and ancillary and related improvements/modifications.

Property Acquisitions

To accommodate the proposed rail improvements and ancillary storm drainage/water quality, circulation/ roadway, and utility improvements/modifications, the Project would require acquisition of approximately 30 acres of adjacent properties where residential and non-residential land uses are located. Project implementation would require removal of as many as 43 dwelling units (DU) and approximately 63,000 square feet (SF) of non-residential (commercial and industrial) land uses, as follows:

- 36 single-family residential DU,
- 4 residential duplex DU,
- 3 residential triplex DU,
- 32,000 SF* of industrial uses (multi-tenant and auto wrecking), and
- 46,000 SF* of commercial uses (i.e., institutional, repair shop, and self-storage).

*Approximate and rounded.

Appendix A includes the conceptual design plans depicting the properties proposed for acquisition. Because property acquisition would occur prior to commencement of construction, these properties would be unoccupied when construction begins. Partial acquisition of some properties would create remnant parcels that would not be required for the project. Concerning these remnant parcels, this analysis assumes they would not be redeveloped as part of the proposed Project. No zone change is proposed; thus, the underlying/existing zoning would be retained making remnant parcels available for reuse/redevelopment in the future consistent with the existing zoning.

Construction and Phasing

Project construction is proposed to occur in one phase, beginning in the fourth quarter of 2020 and completed by the fourth quarter of 2022. Construction phases and approximate durations are:

- Acquisitions/Demolition: 20 months,
- Utility Relocations: 15 months,
- Civil Construction (3 months overlap with utility relocations): 10 months, and
- BNSF Track/Signal Construction: 4 months.

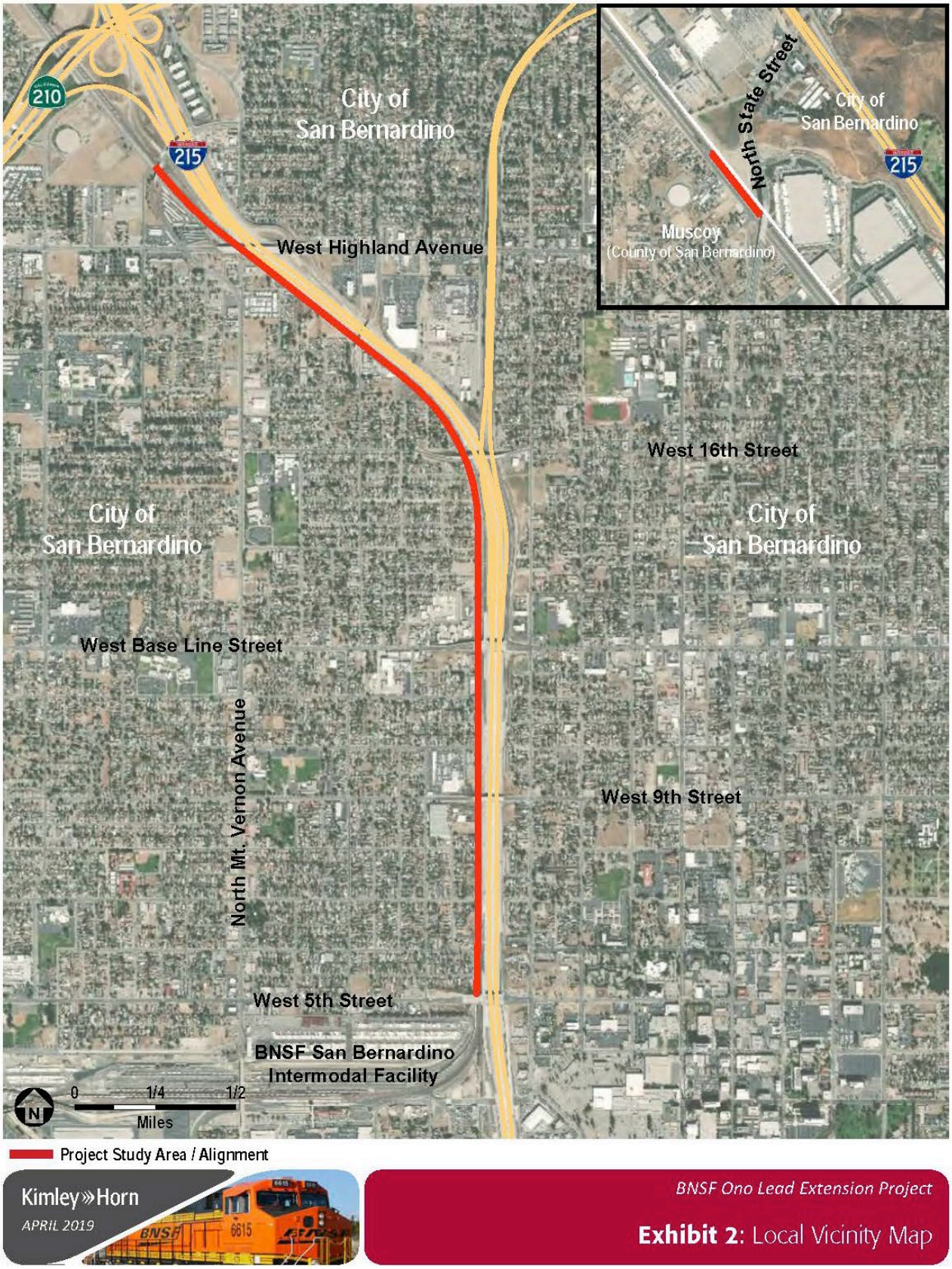
Inclusive of acquisitions/demolition, Project construction would occur over approximately 29 months. However, demolition would occur upon property acquisition, prior to commencing Project construction (i.e., utility relocations, civil construction and BNSF track/signal construction). Exclusive of acquisitions/ demolition, Project construction would occur over approximately 19 months. Notwithstanding, to provide a conservative analysis, demolition-related activities are included in the construction emissions assumed and evaluated herein.

The *BNSF Ono Lead Extension Project Transportation Analysis* (Kimley-Horn and Associates, Inc., January 2021) summarizes the assumed import/export of soils/materials and indicates the Project is anticipated to require the following:

- Approximately 26,900 tons of debris export,
- Approximately 74,200 tons of materials import (primarily for infiltration basin media),
- Approximately 184,300 cubic yards (CY) of subcut/soil export (primarily infiltration basin excavation and track grading for ballast), and
- Approximately 33,400 CY of soil/concrete import (primarily for soundwalls, subcut, and track corridor).

As also indicated in the Transportation Analysis, import/export of soils/materials would involve approximately 18,100 truck trips. Additionally, several train deliveries are expected to transport rail construction materials (i.e. rail, ties, ballast) to the site.

Source: Google Maps, 2019.



Source: Google Maps, 2019.

2 ENVIRONMENTAL SETTING

2.1 Climate and Meteorology

The California Air Resources Board (CARB) divides the State into 15 air basins that share similar meteorological and topographical features. The proposed Project is located within the South Coast Air Basin (SCAB or Basin), which includes the non-desert portions of Los Angeles, Riverside, and San Bernardino counties, as well as all of Orange County. The SCAB is on a coastal plain with connecting broad valleys and low hills, bounded by the Pacific Ocean on the southwest and high mountains forming the remainder of the perimeter.[2] Air quality in this area is determined by natural factors such as topography, meteorology, and climate, in addition to the presence of existing air pollution sources and ambient conditions. These factors are discussed below.

The SCAB is part of a semi-permanent high-pressure zone in the eastern Pacific. As a result, the climate is mild and tempered by cool sea breezes. This usually mild weather pattern is occasionally interrupted by periods of extreme heat, winter storms, and Santa Ana winds. The annual average temperature throughout the 6,645-square-mile SCAB ranges from low 60 to high 80 degrees Fahrenheit with little variance. With more oceanic influence, coastal areas show less variability in annual minimum and maximum temperatures than inland areas.

Contrasting the very steady pattern of temperature, rainfall is seasonally and annually highly variable. Almost all annual rainfall occurs between November and April. Summer rainfall is reduced to widely scattered thundershowers near the coast, with slightly heavier activity in the east and over the mountains.

Although the SCAB has a semiarid climate, the air closer to the Earth's surface is typically moist because of the presence of a shallow marine layer. Except for occasional periods when dry, continental air is brought into the SCAB by offshore winds, the "ocean effect" is dominant. Periods of heavy fog are frequent and low clouds known as high fog are characteristic climatic features, especially along the coast. Annual average humidity is 70 percent at the coast and 57 percent in the SCAB's eastern portions.

Wind patterns across the SCAB are characterized by westerly or southwesterly on-shore winds during the day and easterly or northeasterly breezes at night. Wind speed is typically higher during the dry summer months than during the rainy winter.

Between periods of wind, air stagnation may occur in both the morning and evening hours. Air stagnation is one of the critical determinants of air quality conditions on any given day. During winter and fall, surface high-pressure systems over the SCAB, combined with other meteorological conditions, result in very strong, downslope Santa Ana winds. These winds normally continue for a few days before predominant meteorological conditions are reestablished.

The mountain ranges to the east affect the diffusion of pollutants by inhibiting the eastward transport of pollutants. Air quality in the SCAB generally ranges from fair to poor and is like air quality in most of coastal Southern California. The entire region experiences heavy concentrations of air pollutants during prolonged periods of stable atmospheric conditions.

In addition to the characteristic wind patterns that affect the rate and orientation of horizontal pollutant transport, two distinct types of temperature inversions control the vertical depth through which air pollutants are mixed: the marine inversion and the radiation inversion. The height of the inversion's base at any given time is called the "mixing height." The combination of winds and inversions is a critical

[2] South Coast Air Quality Management District, *CEQA Air Quality Handbook*, 1993.

determinant leading to highly degraded air quality for the SCAB in the summer and generally good air quality in the winter.

2.2 Air Pollutants of Concern

The air pollutants emitted into the ambient air by stationary and mobile sources are regulated by federal and state laws. These regulated air pollutants are known as "criteria air pollutants" and are categorized into primary and secondary pollutants.

Primary air pollutants are those that are emitted directly from sources. Carbon monoxide (CO), reactive organic gases (ROG), nitrogen oxide (NO_X), sulfur dioxide (SO_2), coarse particulate matter (PM_{10}), fine particulate matter ($PM_{2.5}$), and lead (Pb) are primary air pollutants. Of these, CO, NO_X, SO_2, PM_{10}, and $PM_{2.5}$ are criteria pollutants. ROG and NO_X are criteria pollutant precursors and go on to form secondary criteria pollutants through chemical and photochemical reactions in the atmosphere. For example, the criteria pollutant ozone (O_3) is formed by a chemical reaction between ROG and NO_X in the presence of sunlight. O_3 and nitrogen dioxide (NO_2) are the principal secondary pollutants. Sources and health effects commonly associated with criteria pollutants are summarized in Table 1: Air Contaminants and Associated Public Health Concerns.

Toxic Air Contaminants

Toxic air contaminants (TACs) are airborne substances that can cause short-term (acute) or long-term (chronic or carcinogenic, i.e. cancer causing) adverse human health effects (i.e. injury or illness). TACs include both organic and inorganic chemical substances. They may be emitted from various common sources including gasoline stations, automobiles, dry cleaners, industrial operations, and painting operations. California's current list of TACs includes more than 200 compounds, including PM emissions from diesel-fueled engines.

CARB identified diesel particulate matter (DPM) as a TAC. DPM differs from other TACs in that it is not a single substance but rather a complex mixture of hundreds of substances. Diesel exhaust is a complex mixture of particles and gases produced when an engine burns diesel fuel. DPM is a concern because it causes lung cancer. Many compounds found in diesel exhaust are carcinogenic. DPM includes the particle-phase constituents in diesel exhaust. DPM's chemical composition and particle sizes vary between different engine types (heavy-duty, light-duty), engine operating conditions (idle, accelerate, decelerate), fuel formulations (high/low sulfur fuel), and the engine's year. Some short-term (acute) effects of diesel exhaust include eye, nose, throat, and lung irritation, and diesel exhaust can cause coughs, headaches, light-headedness, and nausea. DPM poses the greatest health risk among the TACs. Almost all diesel exhaust particle mass is 10 microns or less in diameter. Because of their extremely small size, these particles can be inhaled and eventually trapped in the lung's bronchial and alveolar regions.

Ambient Air Quality

CARB monitors ambient air quality at approximately 250 air monitoring stations across the State. Air quality monitoring stations usually measure pollutant concentrations ten feet above ground level; therefore, air quality is often referred to in terms of ground-level concentrations. Existing ambient air quality levels, historical trends, and projections near the Project site are documented by measurements taken by the South Coast Air Quality Management District (South Coast AQMD), the SCAB's air pollution regulatory agency that maintains air quality monitoring stations which process ambient air quality measurements.

Table 1: Air Contaminants and Associated Public Health Concerns

Pollutant	Major Man-Made Sources	Human Health Effects
Particulate Matter (PM_{10} and $PM_{2.5}$)	Power plants, steel mills, chemical plants, unpaved roads and parking lots, wood-burning stoves and fireplaces, automobiles and others.	Increased respiratory symptoms, such as irritation of the airways, coughing, or difficulty breathing; asthma; chronic bronchitis; irregular heartbeat; nonfatal heart attacks; and premature death in people with heart or lung disease. Impairs visibility.
Ozone (O_3)	Formed by a chemical reaction between ROGs/volatile organic compounds (VOCs)[1] and nitrogen oxides (NO_X) in the presence of sunlight. Motor vehicle exhaust industrial emissions, gasoline storage and transport, solvents, paints and landfills.	Irritates and causes inflammation of the mucous membranes and lung airways; causes wheezing, coughing, and pain when inhaling deeply; decreases lung capacity; aggravates lung and heart problems. Damages plants; reduces crop yield.
Sulfur Dioxide (SO_2)	A colorless gas formed when fuel containing sulfur is burned and when gasoline is extracted from oil. Examples are petroleum refineries, cement manufacturing, metal processing facilities, locomotives, and ships.	Respiratory irritant. Aggravates lung and heart problems. In the presence of moisture and oxygen, SO_2 converts to sulfuric acid which can damage marble, iron and steel. Damages crops and natural vegetation. Impairs visibility. Precursor to acid rain.
Carbon Monoxide (CO)	An odorless, colorless gas formed when carbon in fuel is not burned completely; a component of motor vehicle exhaust.	Reduces the ability of blood to deliver oxygen to vital tissues, affecting the cardiovascular and nervous system. Impairs vision, causes dizziness, and can lead to unconsciousness or death.
Nitrogen Dioxide (NO_2)	A reddish-brown gas formed during fuel combustion for motor vehicles and industrial sources. Sources include motor vehicles, electric utilities, and other sources that burn fuel.	Respiratory irritant; aggravates lung and heart problems. Precursor to O_3. Contributes to global warming and nutrient overloading which deteriorates water quality. Causes brown discoloration of the atmosphere.
Lead (Pb)	A metal found naturally in the environment as well as in manufactured products. The major sources of Pb emissions have historically been motor vehicles (such as cars and trucks) and industrial sources. Due to the phase out of leaded gasoline, metals processing is the major source of Pb emissions to the air today. The highest levels of Pb in air are generally found near Pb smelters. Other stationary sources are waste incinerators, utilities, and lead-acid battery manufacturers.	Exposure to Pb occurs mainly through inhalation of air and ingestion of Pb in food, water, soil, or dust. It accumulates in the blood, bones, and soft tissues and can adversely affect the kidneys, liver, nervous system, and other organs. Excessive exposure to Pb may cause neurological impairments such as seizures, mental retardation, and behavioral disorders. Even at low doses, Pb exposure is associated with damage to the nervous systems of fetuses and young children, resulting in learning deficits and lowered IQ.

Notes:
[1] VOCs or ROGs are hydrocarbons/organic gases that are formed solely of hydrogen and carbon. There are several subsets of organic gases including ROGs and VOCs. Both ROGs and VOCs are emitted from the incomplete combustion of hydrocarbons or other carbon-based fuels. The major sources of hydrocarbons are combustion engine exhaust, oil refineries, and oil-fueled power plants; other common sources are petroleum fuels, solvents, dry cleaning solutions, and paint (via evaporation).

Source: California Air Pollution Control Officers Association (CAPCOA), *Health Effects*, http://www.capcoa.org/health-effects/, Accessed March 21, 2019.

O_3 and PM_{10} and $PM_{2.5}$ are pollutants of concern in the SCAB. The closest air monitoring station to the Project site that monitors ambient concentrations of these pollutants is the San Bernardino–4th Street Monitoring Station (located approximately 1.7 miles east of the Project site's southern extent). Table 2: Ambient Air Quality Data presents local air quality data from 2017 to 2019 and lists the annual monitored maximum concentrations and exceedances of federal or state air quality standards.

Table 2: Ambient Air Quality Data

Pollutant	2017	2018	2019
Ozone (O_3) [1]			
1-hour Maximum Concentration (ppm)	0.158	0.138	0.127
8-hour Maximum Concentration (ppm)	0.136	0.116	0.144
Number of Days Standard Exceeded			
CAAQS 1-hour (>0.09 ppm)	81	63	63
NAAQS 8-hour (>0.070 ppm)	112	102	96
Carbon Monoxide (CO) [1]			
1-hour Maximum Concentration (ppm)	2.50	2.74	1.29
Number of Days Standard Exceeded			
NAAQS 1-hour (>35 ppm)	0	0	0
CAAQS 1-hour (>20 ppm)	0	0	0
Nitrogen Dioxide (NO_2) [1]			
1-hour Maximum Concentration (ppb)	65.8	57.3	59.3
Number of Days Standard Exceeded			
NAAQS 1-hour (>0.1 ppm)	53	54	0
CAAQS 1-hour (>0.18 ppm)	70	70	0
Particulate Matter Less Than 10 Microns (PM_{10}) [1]			
National 24-hour Maximum Concentration	157.8	130.2	112.7
State 24-hour Maximum Concentration	76.7	63.9	92.2
State Annual Average Concentration (CAAQS=20 µg/m^3)	–	–	–
Number of Days Standard Exceeded			
NAAQS 24-hour (>150 µg/m^3)	1	0	0
CAAQS 24-hour (>50 µg/m^3)	14	5	4
Particulate Matter Less Than 2.5 Microns ($PM_{2.5}$) [1]			
National 24-hour Maximum Concentration	38.2	30.1	60.5
State 24-hour Maximum Concentration	38.2	30.1	60.5
Number of Days Standard Exceeded			
NAAQS 24-hour (>35 µg/m^3)	1	0	1

Notes: NAAQS = National Ambient Air Quality Standards; CAAQS = California Ambient Air Quality Standards; ppm = parts per million; µg/m^3 = micrograms per cubic meter; NM = not measured

[1] Measurements taken at San Bernardino–4th Street Monitoring Station at 24302 4th Street, San Bernardino, California 92410 (CARB #36203).

Source: All pollutant measurements are from the CARB Aerometric Data Analysis and Management system database (arb.ca.gov/adam) except for CO, which were retrieved from the CARB Air Quality and Meteorological Information System (arb.ca.gov/aqmis2/aqdselect.php).

2.3 Sensitive Receptors

Sensitive populations are more susceptible to the effects of air pollution than is the general population. Sensitive receptors that are near localized sources of toxics are of concern. Land uses considered sensitive receptors include residences, schools, playgrounds, childcare centers, long-term health care facilities, rehabilitation centers, convalescent centers, and retirement homes. The Project site is in an urbanized area with mixed development including railroad, residential, office, commercial, and industrial uses. Table 3: Sensitive Receptors lists the nearby sensitive receptors and their distance from the Project site.

Table 3: Sensitive Receptors	
Receptor Description	**Distance and Direction from Project**
Residential Neighborhoods	50 feet to the west
Residential Neighborhoods	360 feet to the east
Census Tract 6071004103	Within Project footprint
Census Tract 6071004700	Within Project footprint
Census Tract 6071004800	Within Project footprint
St Paul Ames Church	640 feet to the west
Riley School	700 feet to the east
American Institute of Renewable Energy	740 feet to the southeast
First Christian Church	820 feet to the east
St Timothy Community Church	850 feet to the west
Dorothy Ingram Branch Library	980 feet to the west
Universal Church	1,140 feet to the west
Central City Lutheran Mission	1,180 feet to the east
Casa De Oración Camino De Vida	1,280 feet to the west
Inland Empire Job Corps Center	1,300 feet to the west
Holy Land church of God	1,310 feet to the east
Dental Care San Bernardino	1,310 feet to the southeast
Juanita Blakely Jones Elementary School	1,420 feet to the east
Greater Cornerstone Church of God in Christ	1,430 feet to the east
Little Mountain Preschool	1,440 feet to the northeast
Del Rosa Seventh-Day Adventist Church	1,450 feet to the east
Vernon Dental Specialty Group	1,600 feet to the west
Living Faith Full Gospel Church	1,620 feet to the west
San Bernardino High School	1,630 feet to the east
Motel 6 San Bernardino North	1,670 feet to the northeast
Roosevelt Elementary School	1,670 feet to the west
Perris Hill Park	1,700 feet to the east
Shandin Hills Golf Course	1,800 feet to the east
Valley Motel	1,900 feet to the west
Davidson Elementary School	2,060 feet to the east
St Bernardine's Church	2,100 feet to the east
Encanto Park	2,110 feet to the west
Pioneer Park	2,110 feet to the east
San Bernardino Public Library	2,190 feet to the east

2.4 Existing Sources and Emissions

Often, locomotive diesel engines are kept idling to charge batteries, warm engine fluids, and meet other operational needs. Diesel exhaust from locomotive engine idling contains concentrations of criteria pollutants that are potentially harmful to human health. The existing sources and operations are based on current BNSF Railway Company ("BNSF" or "Applicant") rail traffic schedules and infrastructure limitations. Existing rail operations at the Project site result in approximately 15 hours of daily locomotive diesel engine idling based on the existing operating conditions detailed in the *Methodology and Assumptions – Existing Sources and Emissions* Section below. Table 4: Existing Locomotive Emissions shows the Project site's existing locomotive emissions calculated per EPA guidelines EPA-420-F-09-025 (Emission Factors for Locomotives), emissions rates specific to BNSF operations along the Project site, and existing operating conditions.

Table 4: Existing Locomotive Emissions (Maximum Pounds Per Day)						
Emissions Source	**Reactive Organic Gases (ROG)**	**Nitrogen Oxide (NO_x)**	**Carbon Monoxide (CO)**	**Sulfur Dioxide (SO_2)**	**Coarse Particulate Matter (PM_{10})**	**Fine Particulate Matter ($PM_{2.5}$)**
Existing Idling Emissions	0.59	15.54	4.41	0.01	0.36	0.35
Source: US EPA-420-F-09-025 (Emission Factors for Locomotives). Refer to Appendix B: Air Quality Modeling Data, for model outputs.						

3 REGULATORY SETTING

3.1 Federal

Federal Clean Air Act

Air quality is federally protected by the Clean Air Act and its amendments. Under the Federal Clean Air Act (FCAA), the United States Environmental Protection Agency (EPA) developed the primary and secondary National Ambient Air Quality Standards (NAAQS) for criteria air pollutants including O_3, NO_2, CO, SO_2, PM_{10}, $PM_{2.5}$, and Pb. Proposed projects in or near nonattainment areas could be subject to more stringent air-permitting requirements. The FCAA requires each state to prepare a State Implementation Plan (SIP) to demonstrate how it will attain the NAAQS within the federally imposed deadlines.

The EPA can withhold certain transportation funds from states that fail to comply with the FCAA's planning requirements. If a state fails to correct these planning deficiencies within two years of Federal notification, the EPA is required to develop a federal implementation plan for the identified nonattainment area or areas. The provisions of 40 Code of Federal Regulations Parts 51 and 93 apply in all nonattainment and maintenance areas for transportation-related criteria pollutants for which the area is designated nonattainment or has a maintenance plan. The EPA has designated enforcement of air pollution control regulations to the individual states. Applicable federal standards are summarized in Table 4: State and Federal Ambient Air Quality Standards.

Toxic Substances Control Act

The Toxic Substances Control Act first authorized the EPA to regulate asbestos in schools and public and commercial buildings under Title II, also known as the Asbestos Hazard Emergency Response Act (AHERA). AHERA requires Local Education Agencies to inspect their schools for asbestos-containing building materials (ACBM) and prepare management plans to reduce the asbestos hazard. The Act also established a program for training and accreditation of individuals performing certain types of asbestos work.

National Emission Standards for Hazardous Air Pollutants

Pursuant to the FCAA of 1970, the EPA established the National Emission Standards for Hazardous Air Pollutants (NESHAPs). These are technology-based source-specific regulations that limit allowable HAPs emissions. Among these sources include ACBM. NESHAPs include requirements pertaining to the inspection, notification, handling, and disposal of ACBM associated with the demolition and renovation of structures.

3.2 State of California

California Air Resources Board

CARB administers California's air quality policy. The California Ambient Air Quality Standards (CAAQS) were established in 1969 pursuant to the Mulford-Carrell Act. CAAQS standards, which are included in Table 5: State and Federal Ambient Air Quality Standards, are generally more stringent and apply to more pollutants than the NAAQS. In addition to the criteria pollutants, CAAQS have been established for visibility reducing PM, hydrogen sulfide (H_2S), and SO_{4-2}. Additionally, CARB has established several programs and policies to address the health impacts of locomotive and freight facility emissions. BNSF is responsible for complying with the agreed upon terms of policies to remain consistent with the CARB's goals of reducing emissions and improving air quality.

Table 5: State and Federal Ambient Air Quality Standards

Pollutant	Averaging Time	State Standards[1]	Federal Standards[2]
Ozone (O_3) [2, 5, 7]	8 Hour	0.070 ppm (137 µg/m^3)	0.070 ppm
	1 Hour	0.09 ppm (180 µg/m^3)	NA
Carbon Monoxide (CO)	8 Hour	9.0 ppm (10 mg/m^3)	9 ppm (10 mg/m^3)
	1 Hour	20 ppm (23 mg/m^3)	35 ppm (40 mg/m^3)
Nitrogen Dioxide (NO_2)	1 Hour	0.18 ppm (339 µg/m^3)	0.10 ppm[11]
	Annual Arithmetic Mean	0.030 ppm (57 µg/m^3)	0.053 ppm (100 µg/m^3)
Sulfur Dioxide (SO_2) [8]	24 Hour	0.04 ppm (105 µg/m^3)	0.14 ppm (365 µg/m^3)
	1 Hour	0.25 ppm (655 µg/m^3)	0.075 ppm (196 µg/m^3)
	Annual Arithmetic Mean	NA	0.03 ppm (80 µg/m^3)
Particulate Matter (PM_{10}) [1, 3, 6]	24-Hour	50 µg/m^3	150 µg/m^3
	Annual Arithmetic Mean	20 µg/m^3	NA
Fine Particulate Matter ($PM_{2.5}$) [3, 4, 6, 9]	24-Hour	NA	35 µg/m^3
	Annual Arithmetic Mean	12 µg/m^3	12 µg/m^3
Sulfates (SO_{4-2})	24 Hour	25 µg/m^3	NA
Lead (Pb) [10, 11]	30-Day Average	1.5 µg/m^3	NA
	Calendar Quarter	NA	1.5 µg/m^3
	Rolling 3-Month Average	NA	0.15 µg/m^3
Hydrogen Sulfide (H_2S)	1 Hour	0.03 ppm (0.15 µg/m^3)	NA
Vinyl Chloride (C_2H_3Cl) [10]	24 Hour	0.01 ppm (26 µg/m^3)	NA

Notes:
ppm = parts per million; µg/m^3 = micrograms per cubic meter; mg/m^3 = milligrams per cubic meter; – = no information available.

1 California standards for O_3, CO (except Lake Tahoe), SO_2 (1-hour and 24-hour), NO_2, suspended PM_{10}, and visibility reducing particles are values that are not to be exceeded. The standards for SO_{4-2}, Lake Tahoe CO, Pb, H_2S, and C_2H_3Cl are not to be equaled or exceeded. If the standard is for a 1-hour, 8-hour or 24-hour average (i.e. all standards except for Pb and the PM_{10} annual standard), then some measurements may be excluded. Measurements are excluded that CARB determines would occur less than once per year on the average. The Lake Tahoe CO standard is 6.0 ppm, a level one-half the national standard and two-thirds the state standard.

2 National standards shown are the "primary standards" designed to protect public health. National standards other than for O_3, PM and those based on annual averages are not to be exceeded more than once a year. The 1-hour O_3 standard is attained if, during the most recent three-year period, the average number of days per year with maximum hourly concentrations above the standard is equal to or less than one. The 8-hour O_3 standard is attained when the 3-year average of the 4th highest daily concentrations is 0.070 ppm or less. The 24-hour PM_{10} standard is attained when the 3-year average of the 99th percentile of monitored concentrations is less than 150 µg/m$_3$. The 24-hour $PM_{2.5}$ standard is attained when the 3-year average of 98th percentiles is less than 35 µg/m^3.

3 Except for the national PM standards, annual standards are met if the annual average falls below the standard at every site. The national annual PM standard for PM_{10} is met if the 3-year average falls below the standard at every site. The annual $PM_{2.5}$ standard is met if the 3-year average of annual averages spatially-averaged across officially designed clusters of sites falls below the standard.
NAAQS are set by the EPA at levels determined to be protective of public health with an adequate margin of safety.

4 On October 1, 2015, the national 8-hour O_3 primary and secondary standards were lowered from 0.075 to 0.070 ppm. An area will meet the standard if the fourth-highest maximum daily 8-hour O_3 concentration per year, averaged over three years, is equal to or less than 0.070 ppm. EPA will make recommendations on attainment designations by October 1, 2016, and issue final designations October 1, 2017. Nonattainment areas will have until 2020 to late 2037 to meet the health standard, with attainment dates varying based on the O_3 level in the area.

5 The national 1-hour O_3 standard was revoked by the EPA on June 15, 2005.

6 In June 2002, CARB established new annual standards for $PM_{2.5}$ and PM_{10}.

7 The 8-hour California O_3 standard was approved by the CARB on April 28, 2005 and became effective on May 17, 2006.

8 On June 2, 2010, the EPA established a new 1-hour SO_2 standard, effective August 23, 2010, which is based on the 3-year average of the annual 99th percentile of 1-hour daily maximum concentrations. The existing 0.030 ppm annual and 0.14 ppm 24-hour SO_2 NAAQS however must continue to be used until one year following EPA initial designations of the new 1-hour SO_2 NAAQS.

9 In December 2012, EPA strengthened the annual $PM_{2.5}$ NAAQS from 15.0 to 12.0 µg/m^3. In December 2014, the EPA issued final area designations for the 2012 primary annual $PM_{2.5}$ NAAQS. Areas designated "unclassifiable/attainment" must continue to take steps to prevent their air quality from deteriorating to unhealthy levels. The effective date of this standard is April 15, 2015.

10 CARB has identified Pb and C_2H_3Cl as TACs with no threshold level of exposure below which there are no adverse health effects determined.

11 National Pb standard, rolling 3-month average: final rule signed October 15, 2008. Final designations effective December 31, 2011.

Source: South Coast Air Quality Management District, *Air Quality Management Plan*, 2016; California Air Resources Board, *Ambient Air Quality Standards*, May 6, 2016.

South Coast Memorandum of Mutual Understanding

The 1994 SIP control measure M14 assumes that cleaner federally-complying locomotives will operate in California and the SCAB. As a result, CARB developed a Memorandum of Mutual Understanding (MOU) with California Railroads and the EPA, signed in July 1998. The MOU includes provisions for early introduction of clean locomotives, with requirements for a fleet average in the SCAB equivalent to the EPA Tier 2 locomotive standard by 2010.

Requirements for Intrastate Locomotive Fuel Use

CARB approved new requirements for intrastate locomotive fuel use on November 18, 2004. Effective January 1, 2007, diesel fuel sold for diesel-electric locomotives operating in California is required to meet CARB specifications for diesel fuel. Intrastate locomotives are defined as locomotives that spend at least 90 percent of their time on an annual basis operating and refueling within California boundaries.

Statewide Rail Yard Agreement to Reduce Diesel PM at California Rail Yards

Effective June 30, 2005, the CARB established a Rail Yard Agreement (Agreement) with BNSF and Union Pacific Railroad Company (UPRR). This agreement obligates BNSF and UPRR to significantly reduce diesel emissions in and around California rail yards. As previously noted, the A Yard is immediately south of the Project's southern extent. The Agreement's Key elements include a statewide idling-reduction program, health risk assessments for all major rail yards, and community and air district involvement in the preparation of risk assessments, enforcement of Agreement provisions, and evaluation and development of measures to further reduce impacts on local communities. The Agreement is also intended to maximize the use of low sulfur diesel in locomotives fueled in California, establish a statewide visible emissions reduction and repair program, provide a detailed evaluation of advanced control measures, and include an assessment of remote sensing technology to identify high-emitting locomotives.

California Clean Air Act

The California Clean Air Act (CCAA) requires that all California air districts endeavor to achieve and maintain CAAQS for O_3, CO, SO_2, and NO_2 by the earliest practical date. The CCAA specifies that districts focus their attention on reducing transportation and area-wide emissions and provides districts with authority to regulate indirect sources. Each district plan is required to either (1) achieve a 5 percent annual reduction, averaged over consecutive 3-year periods, in district-wide emissions of each non-attainment pollutant or its precursors, or (2) to provide for implementation of all feasible measures to reduce emissions. Any planning effort for air quality attainment would thus need to consider both state and federal planning requirements.

Under the CCAA, CARB is required to designate State areas as "attainment," "nonattainment," or "unclassified" concerning applicable standards. An area's "attainment" designation signifies that pollutant concentrations did not violate the applicable standard. A "nonattainment" designation indicates that a pollutant concentration violated the applicable standard at least once, excluding those occasions when a violation was caused by an exceptional event, as defined in the criteria. Depending on the frequency and severity of pollutants exceeding applicable standards, the nonattainment designation can be further classified as serious nonattainment, severe nonattainment, or extreme nonattainment, with extreme nonattainment being the most severe of the classifications. An "unclassified" designation signifies that the data does not support either attainment or nonattainment designation. The CCAA divides districts into moderate, serious, and severe air pollution categories, with increasingly stringent control requirements mandated for each category.

The EPA designates areas for O_3, CO, and NO_2 as "does not meet the primary standards," "cannot be classified," or "better than national standards." For SO_2, areas are designated as "does not meet the primary standards," "does not meet the secondary standards," "cannot be classified," or "better than national standards." However, the CARB terminology of attainment, nonattainment, and unclassified is more frequently used. The EPA uses the same sub-categories for nonattainment status: serious, severe, and extreme.

Assembly Bills 1807 & 2588 - Toxic Air Contaminants

In California, TACs are regulated primarily through Assembly Bill (AB) 1807 (Tanner Air Toxics Act) and AB 2588 (Air Toxics Hot Spots Information and Assessment Act of 1987). AB 1807 sets forth a formal procedure for CARB to designate substances as TACs. This includes research, public participation, and scientific peer review before CARB designates a substance as a TAC. Under AB 2588, the air quality management district or air pollution control district quantify and prioritize TAC emissions from individual facilities.

Existing sources of TACs that are subject to AB 2588 are required to: (1) prepare a toxic emissions inventory; (2) prepare a risk assessment if emissions are significant; (3) notify the public of significant risk levels; and (4) prepare and implement risk reduction measures. In September 1992, AB 2588 was amended by Senate Bill (SB) 1731, which required facilities that pose a significant community health risk to reduce their risk through a risk management plan.

1998 Fleet Average Emissions Memorandum of Understanding

CARB, Class I freight railroads operating in the SCAB (BNSF and Union Pacific Railroad [UPRR]), and the U.S. EPA signed a Memorandum of Understanding (MOU) in July 1998. The MOU's goal was a fleet average in the SCAB equivalent to U.S. EPA's Tier 2 locomotive standard for NO_X by 2010. The railroads accomplished a locomotive Tier 2 fleet-wide average requirement, in which each railroad must demonstrate that it has not exceeded its Fleet Average Target for the preceding year, beginning in 2010. Under the MOU, early reductions are bankable and the two railroads (i.e., BNSF and UPRR) are utilizing this feature by building up emissions credits toward the 2010 fleet-wide average. Because of the MOU's banking and credit provisions, there is no guarantee that the railroads will operate all locomotives meeting the Tier 2 emission standard. BNSF is meeting fleet average agreement with little or no use of credits. The MOU addressed locomotive NO_X emissions. Under the MOU, locomotive NO_X emissions will be reduced by 67 percent.

2005 CARB/Railroad Statewide Agreement

On June 30, 2005, CARB entered into a pollution reduction agreement with UPRR and BNSF.[3] The railroads committed to implementing numerous actions to reduce pollutant emissions from rail operations throughout the state. In addition, the railroads prepared designated railyard emissions inventories that CARB used for CARB railyard-specific health risk assessments for diesel particulate matter. When fully implemented, the agreement is expected to achieve a 20 percent reduction in locomotive diesel particulate matter emissions near railyards. To do this, BNSF has:

[3] California Air Resources Board, *Statewide Railyard Agreement*, 2005. Available at: https://ww3.arb.ca.gov/railyard/ryagreement/ryagreement.htm.

- Phased-out non-essential idling and installed idling reduction devices on California based locomotives, resulting in a reduction in idling by a larger class of locomotives than what is required by regulation, earlier than required by regulation.
- Identified and expeditiously repaired locomotives with excessive smoke and ensured that at least 99 percent of the locomotives operating in California passed smoke inspections.
- Maximized the use of ultra-low sulfur (15 ppm) diesel fuel by January 1, 2007, for locomotives fueled in California, six years before such fuel was required by regulation.
- BNSF has implemented a system-wide Opacity Management Plan, which identifies black smoke from locomotives and schedules these locomotives for repairs.

The Southern California Major Class I railyards covered in the agreement include BNSF's Hobart, Watson, San Bernardino, Commerce Eastern, and Sheila Street yards. The San Bernardino yard is immediately south of the Project site. As required by the Agreement, BNSF has submitted an Idling, Visible Emission Reduction Plan,[4] Review of Impacts of Air Emissions, and Assessment of Toxic Air Contaminants, among other elements, for the designated yards. CARB inspects the railyards, including San Bernardino, yearly for compliance.[5]

California Diesel Fuel Regulations

CARB's California Diesel Fuel Regulations set sulfur limitations for diesel fuel sold in California for use in on-road and off-road motor vehicles. Harbor craft and intrastate locomotives were originally excluded from the rule but were later included by a 2004 rule amendment.[6] Under this rule, diesel fuel used in motor vehicles except harbor craft and intrastate locomotives has been limited to 500-ppm sulfur since 1993. The sulfur limit was reduced to 15 ppm beginning September 1, 2006. The phase-in period was from June 1, 2006, to September 1, 2006; a federal diesel rule similarly limited sulfur content nationwide for on-road vehicles to 15 ppm beginning October 15, 2006. Diesel fuel used in intrastate locomotives (switch locomotives) was limited to 15-ppm sulfur starting January 1, 2007.

Measures to Reduce Emissions from Goods Movement Activities

In April 2006, the CARB approved the *Emission Reduction Plan for Ports and Goods Movement in California*.[7] The Goods Movement Plan proposes measures that would reduce emissions from the main sources associated with port cargo handling activities, including ships, harbor craft, terminal equipment, trucks, and locomotives. The Goods Movement Plan includes discussion of regional intermodal facilities. In December 2006, CARB approved the "Regulation for Mobile Cargo Handling Equipment (CHE) at Ports

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4 California Air Resources Board, *Statewide Railyard Agreement, Railroad Submittals, 2005.* Available at: https://ww3.arb.ca.gov/railyard/rrsubmittal/bnsf_emp.pdf.

5 California Air Resources Board, *Statewide Railyard Agreement, Inspection Reports,* 2010. Available at: https://ww3.arb.ca.gov/railyard/ryagreement/2006_2010_inspection_data.pdf

6 California Air Resources Board, Final Regulation Order. Proposed Extension of the California Standards for Motor Vehicle Diesel Fuel to Diesel Fuel Used for Intrastate Diesel-Electric Locomotives and Harbor Craft, August 4, 2005.

7 California Air Resources Board, *Emission Reduction Plan for Ports and Goods Movement in California*, 2006. Available at: https://ww3.arb.ca.gov/planning/gmerp/plan/final_plan.pdf

and Intermodal Rail Yards" (Title 13, CCR, Section 2479) as amended in 2009[8], which is designed to use best available control technology (BACT) to reduce diesel PM and NO_X emissions from mobile cargo-handling equipment at ports and inter-modal rail yards. Since January 1, 2007, the regulation imposes emission performance standards on new and in-use terminal equipment that vary by equipment type. The regulation would also include recordkeeping and reporting requirements.

In-Use Off-Road Diesel Vehicle Regulation

On July 26, 2007, CARB adopted a regulation to reduce DPM and NO_X emissions from California's in-use (existing) off-road heavy-duty diesel vehicles. The regulation applies to self-propelled diesel-fueled vehicles that cannot be registered and licensed to drive on-road, as well as two-engine vehicles that drive on the road, with the limited exception of two-engine sweepers. Examples include loaders, crawler tractors, skid steers, backhoes, forklifts, airport ground support equipment, water well drilling rigs, and two-engine cranes. Such vehicles are used in construction, mining, and industrial operations. The regulation does not apply to stationary equipment or portable equipment such as generators. The off-road vehicle regulation, establishes emissions performance requirements, establishes reporting, disclosure, and labeling requirements for off-road vehicles, and limits unnecessary idling.

CalEnviroScreen

The California Office of Environmental Health Hazard Assessment (OEHHA) has developed CalEnviroScreen 3.0, which is a mapping tool that helps identify California communities that are most affected by many pollution sources, and where people are often especially vulnerable to pollution's effects. CalEnviroScreen uses environmental, health, and socioeconomic information to produce scores each of the State's census tracts. The scores are mapped such that communities can be compared. An area with a high score is one that experiences a much higher pollution burden than an area with a low score.

According to CalEnviroScreen, the Project site is within Census Tracts 6071004103, 6071004700, and 6071004800, which CalEnviroScreen identifies as disadvantaged communities for environmental justice. These census tracts, and most census tracts adjacent to them, are rated as being in the 90-100th percentile of combined pollution and vulnerability under existing conditions. It is noted that the CalEnviroScreen scores are not an expression of health risk, and do not provide quantitative information on increases in cumulative impacts for specific sites or projects. Further, as a comparative screening tool, the results do not provide a basis for determining when differences between scores are significant concerning public health or the environment.

Assembly Bill 617 – Community Air Protection Program

Passed by the California legislature in 2017, AB 617 is a law that focuses on reducing air pollution in environmental justice communities throughout the State. AB 617 requires a statewide strategy with focused actions for communities heavily impacted by air pollution. These actions include developing community air monitoring plans (CAMPs) and/or community emissions reduction plans (CERPs) to reduce emissions of toxic air contaminants (TACs) and criteria pollutants. The San Bernardino/Muscoy area was among three communities chosen for the program. Only the Project's northern track segment, which

[8] California Air Resources Board, *Final Regulation Order. Regulation for Mobile Cargo Handling Equipment at Ports and Intermodal Rail Yard*, 2009. Available at: https://ww3.arb.ca.gov/ports/cargo/documents/cheregulationamended120309.pdf

extends approximately 0.3 linear miles along the BNSF corridor, is near Muscoy. However, the Project in its entirety is within the CERP's boundary.

The San Bernardino/Muscoy CERP outlines the actions and commitments to reduce air pollution for the San Bernardino/Muscoy community. Implementation of the CERP is estimated to reduce NO_X emissions by 40 to 50 tons per year and PM emissions by 0.5 to 0.6 tons per year. The CERP's goal is to cut NO_X and PM emissions 10 percent by 2024 and 21 percent and 15 percent, respectively, by 2029.

CARB had scheduled a public hearing to approve the CERPs on March 16, 2020. However, given statewide measures concerning COVID-19, the CARB Board Meeting to consider approval of the CERPs has been postponed until further notice. CERP implementation is to take place over approximately five years. Once adopted, the CERP would allow the South Coast AQMD to provide incentive funds to accelerate the replacement of old trucks with technology that is cleaner than required, focus enforcement to ensure rule compliance, develop new rules to reduce emissions, work with land use agencies to develop emissions reducing policies, and implement school programs to reduce indoor levels of pollution. The CERP does not includes project-specific requirements but would allow the South Coast AQMD and CARB to implement emissions reducing measures. Therefore, no further analysis is warranted.

3.3 Regional

South Coast Air Quality Management District

The 1977 Lewis Air Quality Management Act created the South Coast AQMD. Four county air pollution control agencies were merged into one regional district to better address the issue of improving Southern California's air quality. Under the Act, revised and renamed the Lewis-Presley Air Quality Management Act in 1988, the South Coast AQMD is the agency principally responsible for the SCAB's comprehensive air pollution control. Specifically, the South Coast AQMD is responsible for air quality monitoring and planning, and implementing, and enforcing programs designed to attain and maintain CAAQS and NAAQS in the SCAB. Developed programs include air quality rules and regulations that regulate stationary source emissions, including area and point sources and certain mobile source emissions. The South Coast AQMD is also responsible for establishing permitting requirements and issuing permits for stationary sources and ensuring that new, modified, or relocated stationary sources do not create net emissions increases. The South Coast AQMD enforces air quality rules and regulations through various means, including inspections, educational and training programs, and fines.

The South Coast AQMD is also the lead agency in charge of developing the Air Quality Management Plan (AQMP), with input from the Southern California Association of Governments (SCAG) and CARB. The AQMP is a comprehensive plan that includes control strategies for stationary and area sources, as well as for on-road and off-road mobile sources. SCAG is primarily responsible for providing future growth projections and developing and implementing transportation control measures. CARB in coordination with federal agencies provides the control element for mobile sources.

SCAB's state and federal attainment status designations are summarized in Table 6: South Coast Air Basin Attainment Status. SCAB is currently designated as a nonattainment for State O_3, PM_{10}, and $PM_{2.5}$ standards and federal 8-hour O_3 and $PM_{2.5}$ standards. SCAB is designated as attainment or unclassified for the remaining state and federal standards.

Table 6: South Coast Air Basin Attainment Status		
Pollutant	**Federal**	**State**
Ozone (O_3) (1 Hour Standard)	Non-Attainment (Extreme)	Non-Attainment
Ozone (O_3) (8 Hour Standard)	Non-Attainment (Extreme)	Non-Attainment
Particulate Matter ($PM_{2.5}$) (24 Hour Standard)	Non-Attainment (Serious)	–
Particulate Matter ($PM_{2.5}$) (Annual Standard)	Non-Attainment (Moderate)	Non-Attainment
Particulate Matter (PM_{10}) (24 Hour Standard)	Attainment (Maintenance)	Non-Attainment
Particulate Matter (PM_{10}) (Annual Standard)	–	Non-Attainment
Carbon Monoxide (CO) (1 Hour Standard)	Attainment (Maintenance)	Attainment
Carbon Monoxide (CO) (8 Hour Standard)	Attainment (Maintenance)	Attainment
Nitrogen Dioxide (NO_2) (1 Hour Standard)	Unclassifiable/Attainment	Attainment
Nitrogen Dioxide (NO_2) (Annual Standard)	Attainment (Maintenance)	Attainment
Sulfur Dioxide (SO_2) (1 Hour Standard)	Unclassifiable/Attainment	Attainment
Sulfur Dioxide (SO_2) (24 Hour Standard)	–	Attainment
Lead (Pb) (30 Day Standard)	Unclassifiable/Attainment	–
Lead (Pb) (3 Month Standard)	–	Attainment
Sulfates (SO_{4-2}) (24 Hour Standard)	–	Attainment
Hydrogen Sulfide (H_2S) (1 Hour Standard)	–	Unclassified
Source: South Coast AQMD, *Air Quality Management Plan*, 2016; United States Environmental Protection Agency, *Nonattainment Areas for Criteria Pollutants (Green Book)*, September 4, 2018.		

Air Quality Management Plan

The South Coast AQMD Governing Board adopted the 2016 AQMP on March 3, 2017. The AQMP's purpose is to set forth a comprehensive and integrated program that would lead SCAB into compliance with the federal 24-hour $PM_{2.5}$ air quality standard, and to update SCAB's commitments towards meeting the federal 8-hour O_3 standards. The AQMP incorporates the latest scientific and technological information and planning assumptions, including the *2016-2040 Regional Transportation Plan/Sustainable Communities Strategy* (2016 RTP/SCS) and updated emission inventory methodologies for various source categories.

Land Use Planning Guidance

The South Coast AQMD has published the CEQA Air Quality Handbook, which the South Coast AQMD Governing Board approved in 1993 and augmented with guidance for Local Significance Thresholds in 2008. The South Coast AQMD guidance assists local government agencies and consultants in developing California Environmental Quality Act (CEQA) compliance documentation, including providing identification of suggested thresholds of significance for criteria pollutants for both construction and

operations (see discussion of thresholds below). Using the CEQA Air Quality Handbook and associated guidance, land use planners and consultants can analyze and document how existing and proposed projects affect air quality to meet the CEQA review process requirements. The South Coast AQMD is in the process of developing an Air Quality Analysis Guidance Handbook to replace the current CEQA Air Quality Handbook.

Southern California Association of Governments

SCAG is the regional planning agency for Los Angeles, Orange, Ventura, Riverside, San Bernardino, and Imperial Counties and serves as a forum for regional issues relating to transportation, the economy, community development, and the environment. Under federal law, SCAG is designated as a Metropolitan Planning Organization (MPO) and under state law as a Regional Transportation Planning Agency and a Council of Governments.

With the goal of ensuring that the SCAG region meets its regional GHG reduction targets set by CARB, SCAG adopted the 2016-2040 RTP/SCS on April 7, 2016. SCAG's Regional Council adopted Connect SoCal (2020 - 2045 Regional Transportation Plan/Sustainable Communities Strategy [2020 RTP/SCS]) on September 3, 2020.

The RTP is a long-range transportation plan that provides a vision for regional transportation investments over 20 years or more. The SCS is an RTP element that demonstrates the integration of the RTP's land use, transportation strategies, and transportation investments. The SCS would result in an eight percent reduction in GHG emissions per capita by 2020, 18 percent by 2035, and 21 percent by 2040, which would exceeds CARB's targets of eight percent reduction by 2020 and 13 percent reduction by 2035), resulting in an 8 percent reduction by 2020, 18 percent reduction by 2035.

3.4. Local

City of San Bernardino General Plan

Safety Element

Goal 10.1: Protect the environment, public health, safety, and welfare from hazardous wastes.

Policy 10.1.2: Ensure the protection of surface and groundwater quality, land resources, air quality, and environmentally sensitive areas through safe transportation of waste through the City and comprehensive planning of hazardous materials, wastes, and sites.

Natural Resources and Conservation Element

This Element is intended to maintain, improve, or preserve the quality and supply of the City's natural resources. The following topics are addressed in this element:

- Biological Resources,
- Natural Features,
- Mineral Resources, and
- Air Quality.

Goal 12.5: Promote air quality that is compatible with the health, wellbeing, and enjoyment of life.

Policy 12.5.1: Reduce the emission of pollutants including CO, NO_X, photochemical smog, and sulfate in accordance with South Coast AQMD standards.

Goal 12.5.2: Prohibit the development of land uses (e.g. heavy manufacturing) that will contribute significantly to air quality degradation, unless sufficient mitigation measures are undertaken according South Coast AQMD standards.

Policy 12.5.3: Require dust abatement measures during grading and construction operations.

Policy 12.5.4: Evaluate the air emissions of industrial land uses to ensure that they will not impact adjacent uses.

Goal 12.7: Participate in regional initiatives and programs to improve the SCAB's air quality.

Policy 12.7.1: Cooperate with the South Coast AQMD and incorporate pertinent local implementation provisions of the AQMP.

Policy 12.7.2: Work with the South Coast AQMD to establish controls and monitor uses in the City that could add to the SCAB's degradation (e.g. auto repair, manufacturers).

Policy 12.7.3: Coordinate with South Coast AQMD to ensure that all elements of air quality plans regarding reduction of air pollutants emissions are being enforced.

4 SIGNIFICANCE CRITERIA AND METHODOLOGY

4.1 Air Quality Thresholds

State CEQA Guidelines Appendix G contains the Initial Study Checklist, which includes questions concerning air quality. The questions presented in the Initial Study Checklist are utilized as significance criteria in this section. A project would have a significant impact on the environment if it would:

- Conflict with or obstruct implementation of the applicable air quality plan (see Threshold 5.1);
- Result in a cumulatively considerable net increase of any criteria pollutant for which the Project region is non-attainment under an applicable federal or state ambient air quality standard (see Threshold 5.2);
- Expose sensitive receptors to substantial pollutant concentrations (see Threshold 5.3);
- Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people (see Threshold 5.4).

South Coast AQMD Thresholds

South Coast AQMD's significance criteria may be relied upon to make the above determinations. According to the South Coast AQMD, an air quality impact is considered significant if a proposed project violates any ambient air quality standard, contribute substantially to an existing or projected air quality violation, or expose sensitive receptors to substantial pollutant concentrations. The South Coast AQMD has established thresholds of significance for air quality during land use development projects' construction and operational activities, as shown in Table 7: South Coast Air Quality Management District Emissions Thresholds.

Table 7: South Coast Air Quality Management District Emissions Thresholds

Criteria Air Pollutants and Precursors (Regional)	Construction-Related Average Daily Emissions (pounds/day)	Operational-Related Average Daily Emission (pounds/day)
Reactive Organic Gases (ROG)	75	55
Carbon Monoxide (CO)	550	550
Nitrogen Oxides (NO_X)	100	55
Sulfur Oxides (SO_X)	150	150
Coarse Particulates (PM_{10})	150	150
Fine Particulates ($PM_{2.5}$)	55	55

Source: South Coast Air Quality Management District, *CEQA Air Quality Handbook,* 1993 ($PM_{2.5}$ threshold adopted June 1, 2007). Revision: April 2019.

Localized Carbon Monoxide

In addition to the daily thresholds listed above, a proposed project would also be subject to ambient air quality standards, which are addressed though an analysis of localized CO impacts. The significance of localized impacts depends on whether ambient CO levels near a project site exceed state and federal CO standards (the more stringent California standards are 20 ppm for 1-hour and 9 ppm for 8-hour). SCAB has been designated as attainment under the 1-hour and 8-hour standards.

Localized Significance Thresholds

In addition to the CO hotspot analysis, the South Coast AQMD developed localized significance thresholds (LSTs) for NO_2, CO, PM_{10}, and $PM_{2.5}$ emissions generated at new development sites (off-site mobile source emissions are not included in the LST analysis). LSTs represent the maximum emissions that can be generated at a project site without expecting to cause or substantially contribute to an exceedance of the most stringent national or state ambient air quality standards. LSTs are based on the ambient concentrations of that pollutant within the project source receptor area (SRA), as demarcated by the South Coast AQMD, and the distance to the nearest sensitive receptor. LST analysis for construction is applicable for all projects that disturb 5.0 acres or less on a single day. The City of San Bernardino is located within South Coast AQMD SRA 34. Table 8: Local Significance Thresholds (Construction/Operations), shows the LSTs for a 1.0-acre, 2.0-acre, and 5.0-acre project site in SRA 34 with sensitive receptors located within 25 meters of a project site.

Table 8: Local Significance Thresholds (Construction/Operations)

Project Size	Nitrogen Oxide (NO_x) – lbs/day	Carbon Monoxide (CO) – lbs/day	Coarse Particulates (PM_{10}) – lbs/day	Fine Particulates ($PM_{2.5}$) – lbs/day
1.0 Acre	118/118	657/657	4/1	3/1
2.0 Acres	170/170	957/957	7/2	4/1
5.0 Acres	270/270	1,720/1,720	14/4	8/2

Source: South Coast Air Quality Management District, *Localized Significance Threshold Methodology,* July 2008.

4.2 Methodology and Assumptions

This air quality impact analysis considers construction and operational impacts associated with the proposed Project. Construction equipment, trucks, worker vehicles, and ground-disturbing activities associated with proposed Project construction would generate criteria air pollutant and precursor emissions. Air quality impacts were assessed according to recommended CARB and South Coast AQMD methodologies. Where criteria air pollutant quantification was required, emissions were modeled using the California Emissions Estimator Model (CalEEMod) and EPA Emissions Factors for Locomotives[9] guidelines. CalEEMod is a statewide land use emissions computer model designed to quantify potential criteria pollutant emissions associated with both construction and operations from various land use projects.

Construction Sources and Emissions

The air quality modeling assumes Project construction would occur in one phase, beginning in the fourth quarter of 2020 and completed by the fourth quarter of 2022; see also *Construction Sources and Emissions – Updates to Modeling Assumptions* below. The assumed construction Project subphases and approximate durations are:

- Pre-approval/pre-construction Property Demolitions: 19.5 months,
- Utility Relocations: 12 months (three months would overlap with Civil Improvements),
- Civil Improvements (i.e., street relocations/modifications, track corridor, soundwalls, and infiltration basins): 10 months (three months would overlap with Utility Relocations), and
- Track and Signal Construction: 3.5 months.

[9] United States Environmental Protection Agency, *Emissions Factors for Locomotives,* 2009.

Inclusive of property demolitions, Project construction would occur over approximately 42 months. It is noted, property acquisitions were underway concurrent with preparation of this EIR, and their demolition could occur as soon as required by a governmental entity (e.g. release of liens/abatement of nuisance) or as soon as possible upon property acquisition, prior to Project approval or commencement of Project construction. Exclusive of property demolitions and accounting for the three-month overlap of Civil Improvements with Utility Relocations, Project construction would occur over approximately 23 months. Notwithstanding, to provide a conservative analysis, demolition-related activities are included in the assumed construction activities and evaluated in this EIR.

The Project's site preparation phase would occur simultaneous with demolition and prior to grading. Upon completion of property acquisitions and grading, municipal improvements (i.e., utility relocation and paving) would commence simultaneous with rail construction. Train trips are assumed would deliver rail construction materials (i.e., rail, ties, and ballasts) during the Project's rail construction phase. Railroad ties are anticipated to be pre-cast concrete; therefore, a concrete batch plant would not be required.

The Transportation Analysis summarizes the estimated soils/materials import/export and indicates the Project is anticipated to require the following:

- Approximately 26,900 tons of debris export, including approximately 6,845 tons of building structure and 20,000 tons of pavement during demolition activities,
- Approximately 74,200 tons of materials import (primarily for infiltration basin media),
- Approximately 184,300 cubic yards (CY) of subcut/soil export (primarily infiltration basin excavation and track grading for ballast), and
- Approximately 33,400 CY of soil/concrete import (primarily for soundwalls, subcut, and track corridor).

It is noted, these estimated soils/materials import/export quantities assumed nine potential basin sites (totaling approximately 6.0 acres and providing a storage volume of approximately 11.6 acre-feet) would be constructed. Given that the storage volume required to mitigate the Project's increased runoff volume totals 2.0 acre-feet (see Section 4.9: Hydrology and Water Quality), not all of the basins would be constructed. Therefore, the Project's actual soils/materials import/export quantities would likely be less than one-half of the quantities assumed in the modeling. Because less soils/materials import/export quantities would result in less construction emissions, the emissions modeling is highly conservative.

Construction emissions can vary substantially from day to day, depending on the activity level and the specific type of operation. Construction emissions result from on- and off-site activities. On-site activities result principally in exhaust emissions from heavy-duty construction equipment activity and motor vehicle operation. Off-road and on-road construction equipment traveling over unpaved surfaces and performing earthmoving activities such as site clearing, or grading would generate fugitive dust emissions in the form of PM_{10} and $PM_{2.5}$. Off-site activities result in motor vehicle exhaust emissions from delivery vehicles and worker traffic.

Criteria pollutant emissions from building demolition and construction of the proposed improvements were calculated using the California Emissions Estimator Model (CalEEMod). CalEEMod was used to calculate emissions from off-road construction equipment, on-road construction trucks, worker commute trips, and fugitive dust. CalEEMod uses statewide off-road emission factors or county or Basin specific on-

road emission factors, allows for overlapping construction phases, and provides annual emission rates. Emissions factors for the SCAB's San Bernardino County portion were used for this analysis.

Ballast and sub-ballast materials could potentially be hauled by rail within the SCAB. Rail emissions were estimated based on the U.S. EPA's Emission Factors for Locomotives (April 2009) and the travel distance by rail within the SCAB. Emissions from rail delivery of ballast material and rail segments were calculated by assuming that locomotives meeting fleet average linehaul emission standards would be used for all rail delivery. A maximum of one train per day for delivery of bulk material (switches, welded rail, and ballast) would be needed and was assumed in the modeling. Emissions factors were modeled using U.S. EPA emission factors for locomotives guidance. Delivery locomotives traveling off-site were assumed to follow the line-haul fleet mix and duty cycle provided by the design engineers.

Construction Sources and Emissions – Updates to Modeling Assumptions

The minor Project refinements discussed below occurred subsequent to completion of the air quality modeling.

Construction Schedule. As discussed above, the air quality modeling assumes Project construction would begin in the fourth quarter of 2020 and be completed by the fourth quarter of 2022. However, the current Project construction schedule assumes Project construction would begin in the fourth quarter of 2021 and be completed by the fourth quarter of 2023, or one year later than assumed in the air quality modeling. However, the air quality modeling concerning the construction schedule is considered conservative because CalEEMod emissions factors for future years decline given advancements in construction equipment technology and fleet turnover.

Basin Construction. The current Project design for stormwater runoff and water quality assumes seven potential basin sites (totaling approximately 5.3 acres and providing a storage volume of approximately 13 acre-feet) would be constructed. The air quality modeling assumed nine basins would be constructed, when likely less than one-half of the soils/materials import/export quantities assumed in the modeling would occur. Therefore, the air quality modeling concerning basin construction is considered conservative.

Displaced Commercial Uses. Construction emissions modeling assumed 31,000 square feet (SF) of displaced (i.e., demolished) commercial land uses, and not 46,000 SF, as proposed under the current Project design; see **Table 2-2: Summary of Existing Land Uses**. This change in demolition assumptions is attributed to full acquisition (as opposed to partial acquisition) of an additional property. Because the construction emissions modeling conservatively assumed an earlier construction schedule and that all nine basin sites would be constructed, any additional construction emissions associated with demolition of the additional 15,000 SF of commercial floor area are considered nominal and would be more than offset by the already conservative construction emissions. Even if the construction emissions associated with an additional 15,000 SF of demolished floor area were added, the analysis conclusions based on modeling would not change.

Operational Sources and Emissions

Operational emission sources would be from locomotive idling and based on BNSF rail traffic schedules and infrastructure limitations. No operational emissions from new land uses would occur, as none are proposed; see also *Displaced Commercial Uses* discussion below.

Existing Conditions. Currently, two trains (Trains A and B) idle on siding tracks between two and three hours per day, while waiting for access into the A Yard. An additional train (Train C) idles on storage tracks for eight hours two to three times per week. Additionally, Train D is currently detained at the A Yard, because Main 1 (i.e., the existing lead track within BNSF corridor) is congested with haul line traffic; therefore, Train D idles within the A Yard until Main 1 is cleared. As discussed above, per the Statewide Rail Agreement, locomotives are required to be equipped with Automatic Engine Start Stop systems, which shut off engines after 15 minutes. Thus, after 15 minutes of idling, only a single engine remains idling, while the other engines shut off. The existing average idling time is calculated, as follows:

- Average number of locomotives per train: 4 locomotives (4,400 horsepower each).
- Trains A and B (3 hours of idling per day each): 0.25 hour of idling x 4 locomotives = 1 hour of locomotive idling, 2.75 hours of idling x 1 locomotive = 2.75 hours of locomotive idling.
    - 1 hour + 2.75 hours = 3.75 hours of locomotive idling per day, per train.
    - 3.75 hours of idling per train x 2 trains = 7.5 hours of locomotive idling total for Train A and B per day.
- Train C (8 hours of idling per day, 3 days per week): 0.25 hour of idling x 4 locomotives = 1 hours of locomotive idling. 7.75 hours of idling x 1 locomotive = 7.75 hours of locomotive idling.
    - 1 hour + 7.75 hours = 8.75 hours of locomotive idling per day, 3 times per week.
    - 8.75 hours per day x 3 days / 7 days per week = 3.75 hours per day on average for Train C.
- Train D: 3 hours of idling per day: 0.25 hour of idling x 4 locomotives = 1 hour of locomotive idling, 2.75 hours of idling x 1 locomotive = 2.75 hours of locomotive idling.
    - 1 hour + 2.75 hours = 3.75 hours of locomotive idling per day.

Based on the above operating factors, existing rail operations at the Project site result in approximately 15 hours of daily locomotive diesel engine idling. (3.75 hours per day each from Trains A, B, and D, and an average of 3.75 hours per day from Train C).

Rail Operations with Proposed Project Condition. The Project would not generate new motor vehicle trips or require other locomotive activity within the yard, such as switching operations (i.e., moving rail cars). Under the Project, Train CD and Train would no longer idle. The Project's operational emissions calculations assume the following daily locomotive diesel engine idling:

- Average number of locomotives per train: 4 locomotives (4,400 horsepower each).
- Trains A and B (3 hours of idling per day each): 0.25 hour of idling x 4 locomotives = 1 hour of locomotive idling, 2.75 hours of idling x 1 locomotive = 2.75 hours of locomotive idling.
    - 1 hour + 2.75 hours = 3.75 hours of locomotive idling per day, per train.

- 3.75 hours of idling per train x 2 trains = 7.5 hours of locomotive idling total for Train A and B.

- Train C: no locomotive idling would occur under the Project.
- Train D: 15 minutes of idling per day: 0.25 hour of idling x 4 locomotives = 1 hour of locomotive idling.

Based on the above operating factors, with-Project rail operations would result in approximately 8.5 hours of daily locomotive diesel engine idling, an approximately 43 percent reduction from existing conditions (15 hours of daily locomotive diesel engine idling).

Fleet Mix. Locomotive emission factors were modeled using average fleet data. Locomotive emissions were calculated based on the change in idling activity and locomotive emissions factors from the U.S. EPA's *Emissions Factors for Locomotives* (EPA-420-F-09-025) (April 2009). Table 9: Locomotive Fleet Mix shows the locomotive fleet mix. Train speeds would not increase upon Project implementation. The assumptions for the operational emissions analysis were developed to provide a standard comparison between different Project scenarios. For the purpose of accurately reflecting the fleet mix, foreign locomotives are included in the respective fleet mix category for this analysis.

- To accurately reflect the fleet mix, the two categories are split, with line-haul locomotives being 4,000 horsepower or higher, and intermediate locomotives being less than 4,000 horsepower

Table 9: Locomotive Fleet Mix

USEPA Tier Standard	Locomotive Fleet (%)
Pre-Tier 0 (1973-1999)	0.5
Tier 0 (2000-2001)	2.5
Tier 0+ (2000-2001+)	0.87
Tier 1 (2002-2004)	0.5
Tier 1+ (2002-2004+)	327
Tier 2 (2005-2011)	14.0
Tier 2+ (2005-2011+)	17.5
Tier 3 (2012-2014)	25.9
Tier 4c	
Tier 4 (2015)	6.2

The fleet mix used in the analysis below differs from the fleet mix reported to CARB for the following reasons:

- Foreign locomotives are assigned to an "uncontrolled" category per the Statewide Rail Agreement.[10] To accurately reflect the fleet mix, foreign locomotives are included in the respective fleet mix category for this analysis.

[10] CARB. 2005. Statewide Railyard Agreement. Available at: https://ww2.arb.ca.gov/resources/documents/2005-statewide-railyard-agreement.

- Grant-funded Tier 4 locomotives are not reported to CARB per the Statewide Rail Agreement. [11] To accurately reflect the fleet mix, these Tier 4 locomotives are included in this analysis.

CARB data combines line-haul and switcher locomotives into a single locomotive category. CARB only requires locomotives reported to include those operating in a line-haul duty cycle. This includes a small number of intermediate locomotives. To accurately reflect the fleet mix, the two categories are split, with line-haul locomotives being 4,000 horsepower or higher, and intermediate locomotives being less than 4,000 horsepower.

Displaced Commercial Uses. To accommodate the proposed rail and ancillary improvements, Project implementation requires removal of as many as 43 dwelling units (DU) and approximately 78,000 SF of non-residential (commercial and industrial) land uses. Because the Project would remove these existing land uses, and result in a traffic decrease of approximately 672 average daily trips (ADT), a decrease in both stationary and mobile source operational emissions would occur. However, the operational emissions modeling did not apply any emissions credits for the existing land uses that would be removed. Therefore, the Project's operational/idling emissions estimates are conservative.

Additionally, although partial acquisition of some properties would create remnant parcels not required for the Project, the Project does not propose their redevelopment or any zone change. The remnant parcel's underlying/existing zoning would be retained making them available for reuse/redevelopment in the future consistent with their existing zoning. However, there is no known proposal for reuse of these parcels as of this writing. Therefore, because assumptions concerning long-term operations from redevelopment of the remnant parcels would be speculative, no further analysis has been conducted.

Dispersion Modeling and Health Risk

Dispersion modeling of emissions was performed to estimate offsite pollutant concentrations in the air from construction emission sources using the American Meteorological Society/EPA Regulatory Model (AERMOD), version 19191. Construction on- and off-road emissions sources were modeled with adjacent line volume sources. Construction emissions rates for construction were derived from CalEEMod and operational idling emissions are from the methodology described above. The weighted construction emissions in tons per year were converted to grams per second for input into AERMOD. Idling locomotive emissions sources were modeled with point sources. A receptor grid was placed over the Project site to cover the zone of impact. Nearby sensitive receptors were modeled with a 50-meter grid spacing. In addition, National Elevation Dataset (NED) terrain data was imported into AERMOD for the Project. The modeling and analysis was prepared in accordance with the South Coast AQMD Modeling Guidance for AERMOD.[12] Pollutant concentrations were compared to South Coast AQMD thresholds to determine localized impacts.

Human health risks associated with construction-related TACs emissions were estimated following the *Air Toxics Hot Spots Program Risk Assessment Guidelines* developed by the OEHHA within the CAL/EPA (OEHHA, 2015). The objective of the health risk assessment (HRA) process supports a determination of

[11] Ibid.

[12] South Coast Air Quality Management District, *South Coast AQMD Modeling Guidance for AERMOD*, https://www.aqmd.gov/home/air-quality/meteorological-data/modeling-guidance.

whether health risks posed by a project meet regulatory standards and to inform the public and decision makers of the potential health effects associated with the chemicals emitted from a project or facility.

Individual lifetime cancer risk represents the incremental probability of an individual developing cancer over a lifetime, as a result of exposure to a carcinogen. Maximum predicted health risk values in the communities near a project site are compared to the maximum individual cancer risk threshold of 10 in one million.

Chronic and acute non-cancer effects are evaluated by calculating a hazard index (HI). The HI is the sum of individual acute or chronic hazard quotients calculated for each substance. A hazard quotient is the estimated ground level concentration of a TAC divided by the Reference Exposure Level. Reference Exposure Levels are developed by OEHHA and represent the TAC concentration at or below which no adverse health effects are expected. A chronic non-cancer HI below 1.0 or an acute HI below 1.0 indicate that adverse non-cancer health effects from long- or short-term exposure, respectively, are not expected. For the evaluation of acute noncancer health effects, the one-hour maximum average air concentration of each TAC over the period of assumed exposure is used. Conservatively, the acute exposure concentration was selected as the maximum average concentration from any single hourly period during construction. For evaluation of chronic noncancer health effects, this HRA used a similarly conservative approach in that the exposure level over the entire exposure duration for each exposure scenario is assumed to be the maximum annual average concentration of each TAC for any single year over the period of exposure.

5 POTENTIAL IMPACTS AND MITIGATION

5.1 Air Quality Analysis

Threshold 5.1 Would the Project conflict with or obstruct implementation of the applicable air quality plan?

Construction & Operations

As part of its enforcement responsibilities, the EPA requires each state with nonattainment areas to prepare and submit a SIP that demonstrates the means to attain the federal standards. The SIP must integrate federal, state, and local plan components and regulations to identify specific measures to reduce pollution in nonattainment areas, using a combination of performance standards and market-based programs. Similarly, under state law, the CCAA requires an air quality attainment plan to be prepared for areas designated as nonattainment regarding CAAQS and NAAQS. Air quality attainment plans outline emissions limits and control measures to achieve and maintain these standards by the earliest practical date.

The Project site is located within SCAB, which is under South Coast AQMD's jurisdiction. The South Coast AQMD is required, pursuant to the FCAA, to reduce criteria pollutant emissions for which the SCAB is in nonattainment. To reduce such emissions, the South Coast AQMD drafted the 2016 AQMP. The 2016 AQMP establishes a rules and regulations program directed at reducing air pollutant emissions and achieving CAAQS and NAAQS. The 2016 AQMP is a regional and multi-agency effort including the South Coast AQMD, CARB, SCAG, and EPA. The AQMP's pollutant control strategies are based on the latest scientific and technical information and planning assumptions, including SCAG's RTP/SCS, updated emission inventory methodologies for various source categories, and SCAG's latest growth forecasts. SCAG's latest growth forecasts were developed in consultation with local governments and with reference to local general plans. The Project is subject to the South Coast AQMD's AQMP. Criteria for determining consistency with the AQMP are defined by the following indicators:

- **Consistency Criterion No. 1:** The Project would not result in an increase in frequency or severity of existing air quality violations, or cause or contribute to new violations, or delay the timely attainment of the AQMP's air quality standards or interim emissions reductions.
- **Consistency Criterion No. 2:** The Project would not exceed the AQMP's assumptions or increments based on the years of the Project build-out phase.

According to the South Coast AQMD's *CEQA Air Quality Handbook*, the purpose of the consistency finding is to determine if a project is inconsistent with the regional air quality plans' assumptions and objectives, and thus if it would interfere with the region's ability to comply with CAAQS and NAAQS.

The violations referenced under Consistency Criterion No. 1 are CAAQS and NAAQS. As discussed below, the Project would not exceed the short-term construction emissions standards based on worst-case day scenarios. Therefore, a delay in the timely attainment of the AQMP's air quality standards would not occur. Additionally, Project implementation is expected to contribute to improved long-term operational emissions. The Project does not propose to increase rail traffic or rail line operations; instead it would improve efficiency. The Project proposes a fourth lead track extension, which would enhance the A Yard's efficiency by reducing congestion along the existing lead tracks serving BNSF's east-west corridor. Increased rail operations efficiency would decrease train idling by approximately 43 percent (from 15 hours of daily locomotive diesel engine idling to 8.5 hours), which would contribute to improved long-term operational emissions. These improved long-term operational emissions would offset the short-term

construction emissions exceedances. The Project would be consistent with the first criterion; therefore, a less than significant impact would occur in this regard and no mitigation is required.

Concerning Consistency Criterion No. 2, the AQMP contains air pollutant reduction strategies based on SCAG's latest growth forecasts, which were defined in consultation with local governments and are based on local general plans. The Project is consistent with both SBGP and RTP/SCS goal. The Project would not change any City of San Bernardino General Plan land use designations and does not propose any new land uses, additional operational vehicle trips, or new train trips. To accommodate the proposed rail and ancillary improvements, the Project requires acquisition of approximately 29 acres of adjacent properties where residential and non-residential land uses are located. Project implementation would require removal of as many as 43 DU and approximately 78,000 SF of non-residential (commercial and industrial) land uses. Thus, the Project would not generate population growth or cause the South Coast AQMD's population or job growth projections used to develop the AQMP to be exceeded.

RTP/SCS Table 4-4 (page 4-25) shows "South Coast AQMD Proposed Mobile Source 8-Hour Ozone Measures." Among the measures mentioned, MOB-02 aims to reduce NO_X and PM emissions at rail yards and intermodal facilities. The Project objectives include to reduce train congestion and improve the efficiency of rail operations. There are no plans to increase the number of trains currently using the corridor. Since improved efficiency of rail operations would reduce locomotive idling by approximately 43 percent, the Project would be consistent with MOB-02 goals.

The Project would not contribute to population growth or cause the South Coast AQMD's population or job growth projections used to develop the AQMP to be exceeded. Given the Project is consistent with the first and second criterion, a less than significant impact would occur in this regard and not mitigation is required.

Mitigation Measures: No mitigation is required.

Level of Significance: Less than significant impact.

Threshold 5.2 Would the Project result in a cumulatively considerable net increase of any criteria pollutant for which the Project region is non-attainment under an applicable federal or state ambient air quality standard?

Construction

Project construction activities would generate short-term emissions of criteria air pollutants. The Project area's criteria pollutants of primary concern include O_3-precursor pollutants (i.e. ROG and NO_X) and PM_{10} and $PM_{2.5}$. Construction-generated emissions are short term and temporary, lasting only while construction activities occur, but would be considered a significant air quality impact if the volume of pollutants generated exceeds the South Coast AQMD's thresholds of significance.

Construction results in the temporary generation of emissions resulting from demolitions/site grading, road paving, motor vehicle exhaust associated with import/export of soils/materials, construction equipment, worker trips, and the movement of construction equipment, especially on unpaved surfaces. Airborne PM emissions are largely dependent on the amount of ground disturbance, as well as weather conditions and the appropriate application of water.

Details concerning the assumed construction activities are provided in the *Methodology and Assumptions - Construction Sources and Emissions* Section above. Because train deliveries are not accounted for using

typical land use emissions models, EPA guidance (EPA-420-F-09-025) was used to calculate construction-related locomotive emissions. All other construction-related emissions were calculated using CalEEMod, which is designed to model emissions based on typical construction requirements. See Appendix B: Air Quality Modeling Data, for more information regarding the construction assumptions used in this analysis. The Project's predicted maximum daily construction-related emissions are summarized in Table 10: Construction-Related Emissions.

Table 10: Construction-Related Emissions (Maximum Pounds Per Day)

Construction Year	Reactive Organic Gases (ROG)	Nitrogen Oxide (NO_x)	Carbon Monoxide (CO)	Sulfur Dioxide (SO_2)	Coarse Particulate Matter (PM_{10})	Fine Particulate Matter ($PM_{2.5}$)
Unmitigated Condition						
2020 Total	6.73	69.47	36.78	0.08	36.45	20.29
2021 Total	15.49	221.05	99.89	0.43	59.36	30.92
2022 Total	10.29	153.17	79.45	0.38	26.39	11.54
2022 Construction	*9.62*	*135.75*	*74.54*	*0.36*	*25.98*	*11.14*
2022 Rail Deliveries[1]	*0.67*	*17.42*	*4.91*	*0.02*	*0.41*	*0.40*
Mitigated Condition[2]						
2020 Total	1.55	13.47	36.78	0.08	15.96	7.82
2021 Total	4.35	88.49	99.89	0.42	28.72	12.55
2022 Total	8.56	95.41	79.45	0.38	16.35	5.88
2022 Construction	*7.89*	*77.99*	*74.54*	*0.36*	*15.94*	*5.48*
2022 Rail Deliveries[1]	*0.67*	*17.42*	*4.92*	*0.02*	*0.41*	*0.40*
South Coast AQMD Threshold	*75*	*100*	*550*	*150*	*55*	*150*
Exceed South Coast AQMD Threshold?	**No**	**No**	**No**	**No**	**No**	**No**

Notes:
1 Construction emissions in 2022 include typical construction emissions and additional rail emissions resulting from construction material deliveries. Rail emissions for construction were calculated using EPA-420-F-09-025 guidance.
2 South Coast AQMD Rule 403 Fugitive Dust applied. Rule 403 reduction/credits include the following: properly maintain mobile and other construction equipment; replace ground cover in disturbed areas quickly; water exposed surfaces three times daily; cover stock piles with tarps; water all haul roads twice daily; and limit speeds on unpaved roads to 15 miles per hour. Reductions percentages from the South Coast AQMD CEQA Handbook (Tables XI-A through XI-E) were applied. Tier 4 Final mitigation was applied to construction equipment. Rail emissions for construction in 2022 were calculated using EPA-420-F-09-025 guidance.

Source: CalEEMod version 2016.3.2 and EPA-420-F-09-025. Refer to Appendix B for model outputs.

As shown in Table 10, unmitigated NOX emissions would exceed the South Coast AQMD construction-emissions threshold in 2021 and 2022. All other criteria pollutant emissions would remain below their respective thresholds. Standard Condition AQ-1 would minimize fugitive dust and ensure compliance with the South Coast AQMD's dust control measures. Mitigation Measure AQ-1 requires the Project to use diesel construction equipment that complies with Tier 4-level emissions standards. Applying Tier 4 construction equipment mitigation requires that the construction equipment use the latest clean diesel technologies to reduce emissions. Tier 4 construction equipment generate substantially less NOX and PM emissions compared to conventional diesel equipment. Table 10 shows that construction emissions would not exceed South Coast AQMD thresholds with implementation of Standard Condition AQ-1 and Mitigation Measure AQ-1 and following compliance with South Coast AQMD Rules 402, 403, and 1113;

see the Regulatory Setting section above. The Project's construction-related impacts would be less than significant with mitigation incorporated.

Operations

The Project's operational emissions would be associated with train operations and motor vehicle use due to vehicle trip reassignment. The Project proposes a continuous lead track to close the existing gap between the Ono storage sidings. Project construction of the fourth lead track would not increase the number of train trips, number of permanent employees, or A Yard traffic.

Table 11: Operational Locomotive Idling Emissions shows the pre- and post-Project locomotive idling emissions calculated per EPA guidelines and emissions rates specific to BNSF operations along this railroad segment, and the operating conditions detailed in the *Methodology and Assumptions - Existing Sources and Emissions* Section above. As indicated in Table 11, Project implementation would reduce locomotive emissions, resulting in a net decrease in emissions for all pollutants. The proposed fourth lead track would create a continuous lead track, closing the existing gap between the Ono storage sidings and improving the flow of trains in and out of the A Yard. The Project would improve the A Yard's operational efficiency by: improving the A Yard's ability to assemble and hold outbound trains, as well as move around railroad cars without obstructing mainline movements; reducing train congestion along the existing lead tracks; and reducing train idling, as they wait to enter and exit the A Yard. With the proposed improvements, the A Yard would have capacity to assemble and hold outbound trains and switch out the yard without fouling the mainline.

It is noted, the Project's idling emissions estimates are conservative because emissions credits have not been applied for the existing land uses that would be removed, as detailed in the *Methodology and Assumptions - Operational Sources and Emissions [Displaced Commercial Uses]* Section above. Removal of the existing land uses would further decrease the Project's operational emissions from both mobile and stationary sources.

The Project would not create additional operational emissions that would exceed South Coast AQMD thresholds for any criteria air pollutants. The Project would not generate a net increase in vehicle trips and the reassignment of vehicle trips on North I Street would be nominal/local, meaning that the Project would not create additional operational emissions exceeding South Coast AQMD thresholds for any criteria air pollutants. Therefore, the Project's operational emissions would result in a less than significant long-term regional air quality impact and no mitigation is required.

Table 11: Operational Locomotive Idling Emissions (Maximum Pounds Per Day)

Operational Emissions	Reactive Organic Gases (ROG)	Nitrogen Oxide (NO_x)	Carbon Monoxide (CO)	Sulfur Dioxide (SO_2)	Coarse Particulate Matter (PM_{10})	Fine Particulate Matter ($PM_{2.5}$)
Existing Idling Emissions	0.59	15.54	4.41	0.01	0.36	0.35
With Project Idling Emissions	0.34	8.80	2.50	40.00	0.21	0.20
Net Idling Emissions	**-0.26**	**-6.74**	**-1.91**	**-0.00**	**-0.16**	**-0.15**

Notes: Additional line haul emissions are conservatively higher based on normal growth of rail operations. Idling emissions reductions based on the Project cutting current idle times by 43 percent.

Source: EPA-420-F-09-025. Refer to Appendix B for model outputs.

Standard Conditions:

SC AQ-1 Prior to Grading Permit issuance, the construction contractor shall provide evidence to the Planning Division that the Grading Plans and specifications require the Applicant to ensure that construction contractors comply with South Coast AQMD's Rules 402 and 403 to minimize dust and PM construction emissions. South Coast AQMD Rule 402 requires that air pollutant emissions not be a nuisance off-site. Rule 402 prohibits the discharge from any source whatsoever such quantities of air contaminants or other material which cause injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public, or which endanger the comfort, repose, health, or safety of any such persons or the public, or which cause, or have a natural tendency to cause, injury or damage to business or property.

South Coast AQMD Rule 403 requires that fugitive dust be controlled with Best Available Control Measures (BACMs) so that the presence of such dust does not remain visible beyond the property line of the emission source. This rule is intended to reduce PM_{10} emissions from any transportation, handling, construction, or storage activity that has the potential to generate fugitive dust. This requirement shall be included as notes on the contractor specifications. Rule 403 lists the BACMs that are applicable to all construction projects. The measures include, but are not limited to, the following:

a) The Project would disturb more than 50 acres and would be considered a large operation by Rule 403. The Project shall submit Large Operation Notification Forms to the South Coast AQMD.

b) Portions of a construction site to remain inactive longer than a period of three months shall be seeded and watered until grass cover is grown or otherwise stabilized.

c) All on-site roads shall be paved as soon as feasible or watered periodically or chemically stabilized.

d) All material transported offsite shall be either sufficiently watered or securely covered to prevent excessive amounts of dust.

e) The area disturbed by clearing, grading, earthmoving, or excavation operations shall be minimized at all times.

f) Where vehicles leave a construction site and enter adjacent public streets, the streets shall be swept daily or washed down at the end of the workday to remove soil tracked onto the paved surface.

Mitigation Measures:

AQ-1 Prior to Grading Permit issuance, the construction contractor shall provide evidence to the Planning Division and City Traffic Engineer that the following measures will be implemented during construction:

a) Provide temporary traffic controls such as a flag person, during all phases of construction to maintain smooth traffic flow.

b) Provide dedicated turn lanes for movement of construction trucks and equipment both on and off the Project site.

c) Improve traffic flow by signal synchronization and ensure that all vehicles and equipment are properly tuned and maintained according to manufacturers' specifications.

d) Require the use of electricity from power poles rather than temporary diesel or gasoline powered generators, as feasible.

e) Require the use of 2010 and newer diesel haul trucks (e.g. material delivery trucks and soil import/export) and if the lead agency determines that 2010 model year or newer diesel trucks cannot be obtained the lead agency shall use trucks that meet EPA 2007 model year NO_X emissions requirements. Note that CARB's Truck and Bus regulation specifies that trucks and buses shall be required to have 2010 or newer model year engines by January 1, 2023.

f) During Project construction, all internal combustion engines/construction, equipment operating on the Project site shall meet EPA-Certified Tier 4 emissions standards, or higher according to the following:

- All off-road diesel-powered construction equipment greater than 50 horsepower shall meet Tier 4 final off-road emissions standards. In addition, all construction equipment shall be outfitted with Best Available Control Technology (BACT) devices certified by CARB. Any emissions control device used by the contractor shall achieve emissions reductions that are no less than what could be achieved by a Level 4 diesel emissions control strategy for a similarly sized engine as defined by CARB regulations.
- A copy of each unit's certified tier specification, BACT documentation, and CARB or South Coast AQMD operating permit shall be provided at the time of mobilization of each applicable unit of equipment.
- During construction, the Construction Contractor shall maintain a list of all on-site operating equipment for verification by the City. The on-site construction equipment list shall specify the makes, models, and quantities. The reporting and maintenance records for each equipment shall be available for inspection and remain onsite for at least two years after completion of construction.

Level of Significance: Less than significant impact with mitigation incorporated.

Threshold 5.3 Would the Project expose sensitive receptors to substantial pollutant concentrations?

Construction

Localized Significance Analysis

The nearest sensitive receptors to the Project site are single-family homes in the residential neighborhoods approximately 50 feet (15 meters) to the west. To identify impacts to sensitive receptors, the South Coast AQMD recommends addressing Localized Significance Thresholds (LSTs) for construction.

LSTs were developed in response to South Coast AQMD Governing Boards' Environmental Justice Enhancement Initiative (I-4). The South Coast AQMD provided the *Final Localized Significance Threshold Methodology* (dated June 2003 [revised 2008]) for guidance. The LST methodology assists lead agencies in analyzing localized impacts from Project-specific emissions.

Since CalEEMod calculates construction emissions based on the number of equipment hours and the maximum daily soil disturbance activity possible for each piece of equipment, Table 12: Equipment-Specific Grading Rates, is used to determine the maximum daily disturbed acreage for comparison to LSTs. The appropriate SRA for the LSTs is the Central San Bernardino Valley area (SRA 34) since this area includes the Project site. LSTs apply to CO, NO_2, PM_{10}, and $PM_{2.5}$. The South Coast AQMD produced look-up tables for projects that disturb areas less than or equal to 5.0 acres. Since Project construction is anticipated to disturb a up to 12.2 acres in a single day, additional health risk analysis is necessary for criteria pollutants exceeding the conservative thresholds for 5 acres of grading.

Table 12: Equipment-Specific Grading Rates

Construction Phase	Equipment Type	Equipment Quantity	Acres Graded per 8-Hour Day	Operating Hours per Day	Acres Graded per Day[1]
Grading	Graders	1	0.5	13	0.8
	Dozers	4	0.5	13	3.3
	Scrapers	2	1.0	13	3.3
	Tractors/Loaders/Backhoes	6	0.5	13	4.9
				Total Acres Graded per Day	**12.2**

Notes:
[1] Calculated using scaled grading rates for a 13-hour workday.
Source: CalEEMod version 2016.3.2. Refer to Appendix B for model outputs.

The South Coast AQMD's methodology states that "off-site mobile emissions from the Project should not be included in the emissions compared to LSTs." Therefore, for the construction LST analysis, only emissions included in the CalEEMod "on-site" emissions outputs were considered. The nearest sensitive receptors to the Project site are single-family homes in the residential neighborhoods approximately 50 feet (15 meters) to the west. LST thresholds are provided for distances to sensitive receptors of 25, 50, 100, 200, and 500 meters. Therefore, as recommended by the South Coast AQMD, LSTs for receptors located at 25 meters were utilized in this analysis for receptors closer than 25 meters. Table 13: Localized Significance of Construction Emissions, presents the results of localized emissions during Project construction.

Table 13: Localized Significance of Construction Emissions (Maximum Pounds Per Day)

Construction Activity	Nitrogen Oxide (NO_X)	Carbon Monoxide (CO)	Coarse Particulate Matter (PM_{10})	Fine Particulate Matter ($PM_{2.5}$)
2020 Demolition	8.17	37.55	2.30	0.69
2020 Site Preparation	3.28	33.91	12.65	7.00
2020 Demolition and Site Preparation	11.45	71.46	14.95	7.69
2021 Site Preparation	3.28	33.91	12.82	7.16
2021 Grading	5.36	53.62	5.47	2.66
2021 Site Preparation and Grading	8.64	87.54	18.29	9.82
2022 Grading	5.36	53.62	5.38	2.58
2022 Paving	3.95	56.21	0.12	0.12

2022 Rail Construction	6.83	35.01	0.27	0.27
2022 Rail Deliveries	17.42	4.91	0.41	0.40
2022 Rail Construction and Rail Deliveries	24.25	39.92	0.68	0.67
Maximum	23.41	87.54	18.29	9.82
South Coast AQMD Localized Screening Threshold (5.0 acres at 25 meters)	*270*	*1,720*	*14*	*8*
Exceed South Coast AQMD Threshold?	**No**	**No**	**Yes**	**Yes**
Note: Tier 4 Final mitigation was applied to construction equipment per Mitigation Measure AQ-1.				
Source: CalEEMod version 2016.3.2 and EPA-420-F-09-025. Refer to Appendix B for model outputs.				

Table 13 shows that the PM_{10} and $PM_{2.5}$ emissions would exceed the conservative 5-acre thresholds on a peak day of Project construction. To determine if the Project would result in significant concentrations of these two criteria pollutants at nearby sensitive receptors, air pollution dispersion modeling is necessary. Localized construction emissions were estimated using the AERMOD model to determine the worst-case concentrations of PM_{10} and $PM_{2.5}$ at the nearest off-site sensitive receptors. Table 14: Construction Emissions Dispersion Modeling shows construction-related emissions compared to the ambient air quality standards for construction designated by the South Coast AQMD[13]. As shown in Table 14, pollutant concentrations for PM_{10} and $PM_{2.5}$ would not exceed the thresholds established by the South Coast AQMD. Therefore, the Project would result in a less than significant localized construction impacts.

Table 14: Construction Emissions Dispersion Modeling Results

Emissions Source	Pollutant (µg/m³)							
	PM_{10}		$PM_{2.5}$		NO_X		CO	
	24-Hour	Annual	24-Hour	Annual	1-Hour	Annual	1-Hour	8-Hour
Maximum Modeled Concentration	1.20	0.65	0.62	0.34	1.45	0.46	12.15	9.25
Background Concentration	N/A	N/A	N/A	N/A	123.82	26.91	3,138.97	2,197.28
Total Concentration	1.20	0.65	0.62	0.34	125.27	27.37	3,151.12	2,206.53
South Coast AQMD Standard	*10.4*	*1.0*	*10.4*	*1.0*	*339*	*100*	*23,000*	*10,000*
Exceed Significance?	**No**	**No**	**No**	**No**	**No**	**No**	**No**	**No**

Notes:
1. Emissions modeled based on the weighted average of total PM_{10} and $PM_{2.5}$ emissions throughout construction.

Source: AERMOD, CalEEMod on-site construction emissions, refer to Appendix B for assumptions used in this analysis; South Coast Air Quality Management District, *Air Quality Significance Thresholds*, April 2019.

Construction-Related Diesel Particulate Matter

Project construction would generate DPM emissions from the use of off-road diesel equipment required. The amount to which the receptors are exposed (a function of concentration and duration of exposure) is the primary factor used to determine health risk (i.e. potential exposure to TAC emission levels that exceed applicable standards). Health-related risks associated with diesel-exhaust emissions are primarily linked to long-term exposure and the associated risk of contracting cancer. An incremental cancer risk of greater than 10 cases per million at the maximally exposed individual will result in a significant impact. The significance threshold for non-cancer hazards is 1.0.

[13] South Coast Air Quality Management District, *Air Quality Significance Thresholds*, April 2019.

The use of diesel-powered construction equipment would be temporary and episodic. The duration of exposure would be short and exhaust from construction equipment would dissipate rapidly. The closest sensitive receptors to the Project site are located approximately 50 feet from the Project limits, and further from the major Project construction areas. The majority of the construction emissions would be from haul trucks and would be dispersed along off-site roadways at intermittent periods. Additionally, Project construction would occur in a linear fashion, progressing along the railroad alignment, and would not operate equipment adjacent to sensitive receptors for extended periods of time.

California Office of Environmental Health Hazard Assessment has not identified short-term health effects from DPM. Construction activities would be subject to and would comply with California regulations limiting the idling of heavy-duty construction equipment to no more than five minutes to further reduce nearby sensitive receptors' exposure to temporary and variable DPM emissions. Additionally, Mitigation Measure AQ-1 requires exhaust control measures (including the use of Tier 4 off-road engines) that would further reduce exposure to DPM.

A construction risk assessment was performed using the EPA approved AERMOD air dispersion model. AERMOD is a steady-state, multiple-source, Gaussian dispersion model designed for use with emission sources situated in terrain where ground elevations can exceed the stack heights of the emission sources (not a factor in this case). AERMOD requires hourly meteorological data consisting of wind vector, wind speed, temperature, stability class, and mixing height. Surface and upper air meteorological data was obtained from the South Coast AQMD. Surface and upper air meteorological data from the Fontana Monitoring Station was selected as being the most representative for meteorology based on proximity to the Project site.

Maximum (worst case) PM_{10} exhaust construction emissions over the entire construction period were used in AERMOD to approximate construction DPM emissions. Risk levels were calculated according to the California Office of Environmental Health Hazard Assessment guidance document, *Air Toxics Hot Spots Program Risk Assessment Guidelines*[14].

PM_{10} construction emissions rates in grams per second were calculated from the weighted average of the total annual mitigated on-site exhaust emissions at 0.0125 tons per year. It should be noted that construction would span over multiple years and the modeling uses a weighted average of the annual values reported in CalEEMod. Annual emissions were converted to 0.00036 grams per second and these emissions rates were input into AERMOD.

Results of this assessment are summarized in Table 15: Construction Health Risk Results. As shown in Table 15, the maximum 1-hour concentration of PM_{10} during construction would be 0.09 µg/m^3 and the annual concentration would be 0.02 µg/m^3. The maximum exposed residential receptor (MER) would generally occur at the residences nearest the construction area between West 9th Street and Spruce Street. The highest calculated carcinogenic risk from project construction would be 3.25 per million. The risk calculation conservatively used a construction exposure duration of a full 3 years. Breathing rates were conservatively based on OEHHA 95th percentile values for the entire duration of construction. Acute and chronic non-cancer hazards for DPM would be below the 1.0 threshold. As described above, construction risk levels based on conservative assumptions would be below the applicable thresholds. Therefore, construction risk impacts would be less than significant. Additionally, as the construction

[14] California Office of Environmental Health Hazard Assessment, *Air Toxics Hot Spots Program Risk Assessment Guidelines*, February 2015.

emissions would not exceed South Coast AQMD risk thresholds, the Project would not adversely impact neighboring disadvantaged communities (as defined by CalEnviroScreen).

Table 15: Construction Health Risk Results

Pollutant	Pollutant Concentration (µg/m³)	Maximum Cancer Risk (Risk per Million)	Chronic Noncancer Hazard	Acute Noncancer Hazard
Mitigated On-Site PM_{10}	0.02	6.38	0.004	0.037
Thresholds	–	*10*	*1.0*	*1.0*
Threshold Exceeded?	**No**	**No**	**No**	**No**

Source: Kimley-Horn and Associates, Inc., 2020.

Operations

Project operations would result in reduced idling and increased efficiency but would not increase train volumes. Although the lead track would place idling trains nominally closer (approximately 15 feet) to sensitive receptors, the reduced idling and associated emissions would offset the slight change in location. Additionally, the properties immediately adjacent to the alignment would be acquired and removed, which would maintain a separation from the nearest sensitive receptors. Notwithstanding, air dispersion modeling using AERMOD and risk assessment was performed for the Project-related locomotive idling emissions. Locomotive idling emissions were modeled using point sources at two idling locations along the proposed lead track. The point sources representing locomotive exhaust stacks were modeled using a release height of 4.88 meters, gas exit temperature of 351 Kelvin, inside stack diameter of 0.6 meters, and gas exit velocity of 3.73 meters per second. PM_{10} operational idling emissions rates in grams per second, calculated from the existing daily locomotive exhaust emissions of 0.36 pounds of PM_{10} per day and the With Project locomotive exhaust emissions of 0.21 pounds of PM_{10} per day, were input into AERMOD.

The HRA results are summarized in Table 16: Operational Health Risk Results and indicate the maximum annual concentration of PM_{10} would be 0.027 µg/m^3, which would be below the existing concentration of 0.045 µg/m^3. As noted above, acute and chronic non-cancer HI below 1.0 indicate that adverse non-cancer health effects from long- or short-term exposure, respectively, are not expected. The highest calculated carcinogenic risk from Project operations would decrease existing carcinogenic risk levels by 16.00 in one million. Breathing rates were conservatively based on OEHHA 95th percentile values. Acute and chronic non-cancer hazards for DPM would be below the HI 1.0 threshold. As described above, risk levels based on conservative assumptions would be below the applicable thresholds. Therefore, operational risk impacts would be less than significant, and no mitigation is required. As the operational emissions would not exceed South Coast AQMD risk thresholds, the Project would not adversely impact neighboring disadvantaged communities (as defined by CalEnviroScreen).

Table 16: Operational Health Risk Results

Pollutant	Pollutant Concentration (µg/m3)	Maximum Cancer Risk (Risk per Million)	Chronic Noncancer Hazard	Acute Noncancer Hazard
Existing Idling PM_{10}	0.045	38.94	0.009	0.24
With Project Operational Idling PM_{10}	0.027	22.94	0.005	0.14
Net Change	**-0.018**	**-16.00**	**-0.004**	**-0.10**

Thresholds	–	*10*	*1.0*	*1.0*
Threshold Exceeded?	**No**	**No**	**No**	**No**
Source: Kimley-Horn and Associates, Inc., 2020.				

Localized Significance Analysis

As previously stated, the Project would not increase daily train trips. The Project is anticipated to improve existing rail operations by reducing locomotive idling times by approximately 43 percent and improving rail efficiency. As shown in Table 11, the reduction in locomotive idling times would reduce current operational emissions. Project vehicle trip reassignment and removal of residential and non-residential land uses is also expected to reduce off-site operational emissions. Therefore, Project operations would not result in significant concentrations of pollutants at nearby sensitive receptors and would result in a less than significant localized impact during operational activities.

Criteria Pollutant Health Impacts

On December 24, 2018, the California Supreme Court issued an opinion identifying the need to provide sufficient information connecting a project's air emissions to health impacts or explain why such information could not be ascertained (*Sierra Club v. County of Fresno* [Friant Ranch, L.P.] [2018] Cal.5th, Case No. S219783). The South Coast AQMD has set its CEQA significance thresholds based on the FCAA, which defines a major stationary source (in extreme ozone nonattainment areas such as the South Coast Air Basin) as emitting 10 tons per year. The thresholds correlate with the trigger levels for the federal New Source Review (NSR) Program and South Coast AQMD Rule 1303 for new or modified sources. The NSR Program[15] was created by the FCAA to ensure that stationary sources of air pollution are constructed or modified in a manner that is consistent with attainment of health-based federal ambient air quality standards. The federal ambient air quality standards establish the levels of air quality necessary, with an adequate margin of safety, to protect the public health. Therefore, projects that do not exceed the South Coast AQMD's mass emissions thresholds would not violate any air quality standards or contribute substantially to an existing or projected air quality violation and no criteria pollutant health impacts.

NO_X and ROG are precursor emissions that form ozone in the atmosphere in the presence of sunlight where the pollutants undergo complex chemical reactions. It takes time and the influence of meteorological conditions for these reactions to occur, so ozone may be formed at a distance downwind from the sources. Breathing ground-level ozone can result health effects that include reduced lung function, inflammation of airways, throat irritation, pain, burning, or discomfort in the chest when taking a deep breath, chest tightness, wheezing, or shortness of breath. In addition to these effects, evidence from observational studies strongly indicates that higher daily ozone concentrations are associated with increased asthma attacks, increased hospital admissions, increased daily mortality, and other markers of morbidity. The consistency and coherence of the evidence for effects upon asthmatics suggests that ozone can make asthma symptoms worse and can increase sensitivity to asthma triggers.

According the South Coast AQMD's 2016 AQMP, ozone, NO_X, and ROG have been decreasing in the Basin since 1975 and are projected to continue to decrease in the future. Although vehicle miles traveled in the Basin continue to increase, NO_X and ROG levels are decreasing because of the mandated controls on motor vehicles and the replacement of older polluting vehicles with lower-emitting vehicles. NO_X emissions from electric utilities have also decreased due to the use of cleaner fuels and renewable energy.

[15] Code of Federal Regulation (CFR) [i.e., PSD (40 CFR 52.21, 40 CFR 51.166, 40 CFR 51.165 (b)), Non-attainment NSR (40 CFR 52.24, 40 CFR 51.165, 40 CFR part 51, Appendix S)

The 2016 AQMP demonstrates how the South Coast AQMD's control strategy to meet the 8-hour ozone standard in 2023 would lead to sufficient NO_X emission reductions to attain the 1-hour ozone standard by 2022. In addition, since NO_X emissions also lead to the formation of $PM_{2.5}$, the NO_X reductions needed to meet the ozone standards will likewise lead to improvement of $PM_{2.5}$ levels and attainment of $PM_{2.5}$ standards.

The South Coast AQMD's air quality modeling demonstrates that NO_X reductions prove to be much more effective in reducing ozone levels and will also lead to significant improvement in $PM_{2.5}$ concentrations. NO_X-emitting stationary sources regulated by the South Coast AQMD include Regional Clean Air Incentives Market (RECLAIM) facilities (e.g., refineries, power plants, etc.), natural gas combustion equipment (e.g., boilers, heaters, engines, burners, flares) and other combustion sources that burn wood or propane. The 2016 AQMP identifies robust NO_X reductions from new regulations on RECLAIM facilities, non-refinery flares, commercial cooking, and residential and commercial appliances. Such combustion sources are already heavily regulated with the lowest NO_X emissions levels achievable but there are opportunities to require and accelerate replacement with cleaner zero-emission alternatives, such as residential and commercial furnaces, pool heaters, and backup power equipment. The South Coast AQMD plans to achieve such replacements through a combination of regulations and incentives. Technology-forcing regulations can drive development and commercialization of clean technologies, with future year requirements for new or existing equipment. Incentives can then accelerate deployment and enhance public acceptability of new technologies.

The 2016 AQMP also emphasizes that beginning in 2012, continued implementation of previously adopted regulations will lead to NO_X emission reductions of 68 percent by 2023 and 80 percent by 2031. With the addition of 2016 AQMP proposed regulatory measures, a 30 percent reduction of NO_X from stationary sources is expected in the 15-year period between 2008 and 2023. This is in addition to significant NO_X reductions from stationary sources achieved in the decades prior to 2008.

As previously discussed, localized effects of on-site Project emissions on nearby receptors were found to be less than significant. The LSTs represent the maximum emissions from a project that are not expected to cause or contribute to an exceedance of the most stringent applicable NAAQS or CAAQS. The LSTs were developed by the South Coast AQMD based on the ambient concentrations of that pollutant for each SRA and distance to the nearest sensitive receptor. The ambient air quality standards establish the levels of air quality necessary, with an adequate margin of safety, to protect public health, including protecting the health of sensitive populations such as asthmatics, children, and the elderly. As shown above, Project-related emissions would not exceed regional or localized thresholds, and therefore would not exceed the ambient air quality standards or cause an increase in the frequency or severity of existing violations of air quality standards. Therefore, sensitive receptors would not be exposed to criteria pollutant levels that exceed the health-based ambient air quality standards.

Carbon Monoxide Hotspots

An analysis of CO "hot spots" is needed to determine whether the change in the level of service of an intersection resulting from the proposed Project would have the potential to result in exceedances of the CAAQS or NAAQS. It has long been recognized that CO exceedances are caused by vehicular emissions, primarily when vehicles are idling at intersections. Vehicle emissions standards have become increasingly stringent in the last 20 years. Currently, California's CO standard is a maximum of 3.4 grams per mile for passenger cars (requirements for certain vehicles are more stringent). With the turnover of older vehicles, introduction of cleaner fuels, and implementation of control technology on industrial facilities, CO concentrations have steadily declined.

Accordingly, with the steadily decreasing CO emissions from vehicles, even very busy intersections do not result in exceedances of the CO standard. The SCAB was re-designated as attainment in 2007 and is no longer addressed in the South Coast AQMD's AQMP. The 2003 AQMP is the most recent version that addresses CO concentrations. As part of the South Coast AQMD CO Hotspot Analysis, the Wilshire Boulevard and Veteran Avenue intersection, one of the most congested intersections in Southern California with approximately 100,000 ADT, was modeled for CO concentrations. This modeling effort identified a CO concentration high of 4.6 ppm, which is well below the 35-ppm Federal standard. Project implementation would require removal of as many as 43 DU and approximately 63,000 SF of non-residential (commercial and industrial) land uses. Since the Project would result in removal of these existing land uses, Project implementation would remove Project implementation would remove 50 AM peak hour vehicle trips, 61 PM peak hour vehicle trips, and 572 ADT.[16] Thus, the proposed Project would not produce any new vehicle trips and would not have the potential to cause an intersection to reach the volume of traffic required to generate a CO hot spot in the context of South Coast AQMD's CO Hotspot Analysis. As the CO hotspots were not experienced at the Wilshire Boulevard and Veteran Avenue intersection even as it accommodates 100,000 ADT, it can be reasonably inferred that CO hotspots would not be experienced at any intersections near the Project, having no expected additional vehicle trips attributable to the Project. Additionally, the anticipated reduction in locomotive idling would reduce operational CO emissions in the Project area. Therefore, impacts would be less than significant.

Mitigation Measures: No mitigation is required.

Level of Significance: Less than significant impact.

Threshold 5.4 Would the Project result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?

Construction & Operations

The South Coast AQMD *CEQA Air Quality Handbook* identifies certain land uses as sources of odors. These land uses include agriculture (farming and livestock), wastewater treatment plants, food processing plants, chemical plants, composting facilities, refineries, landfills, dairies, and fiberglass molding. The proposed Project would not include any of the land uses that have been identified by the South Coast AQMD as odor sources. Additionally, the Project does not propose any change in existing freight services, thus, would not generate additional train traffic. Therefore, no increase in odors typical of locomotive exhaust would occur. Rather, increased rail operations efficiency would decrease train idling, which would contribute to improved long-term operational emissions and odors typically associated with locomotive exhaust.

During construction-related activities, some odors (not substantial pollutant concentrations) that may be detected are those typical of construction vehicles (e.g. diesel exhaust from grading and construction equipment). These odors are a temporary short-term impact that is typical of construction projects and would disperse rapidly. Additionally, since Project construction would progress linearly along the proposed rail corridor, construction-related odors would not be emitted at any location for an extended amount of time. Therefore, the proposed Project would not result in emissions leading to odors that would adversely affecting a substantial number of people. A less than significant impact would occur in this regard.

[16] Kimley-Horn and Associates, Inc., *BNSF Ono Lead Extension Transportation Impact Analysis Project Table 2: Trip Generation Rates and Estimates*, April 2019.

Mitigation Measures: No mitigation is required.

Level of Significance: Less than significant impact.

Cumulative Impacts

For purposes of air quality analysis, cumulative impacts are considered for cumulative development within the City's planning area, according to SBGP and buildout.

As concluded above, the Project would result in a less than significant impact concerning its potential to conflict with implementation of the applicable air quality plan. Potential impacts concerning net increase of non-attainment criteria pollutants would be less than significant with mitigation incorporated. Concerning sensitive receptors, the Project would result in a less than significant impact. Project-related impacts for other emissions would also be less than significant.

The City of San Bernardino General Plan EIR analyzed the expected environmental effects of buildout concerning air quality in SBGP EIR Section 5.3, *Air Quality*. The following is a summary[17] of the expected environmental effects:

- Build-out could conflict with applicable air quality plans. This impact was concluded to be less than significant.
- Build-out construction activities could generate short-term and operation could generate long-term vehicle trips and emissions in exceedance of South Coast AQMD's threshold criteria. This impact was concluded to be significant.
- Build-out could result in a cumulatively considerable net increase of non-attainment criteria pollutants. This impact was concluded to be significant.
- Build-out could expose sensitive receptors to substantial pollutant concentrations. This impact was concluded to be less than significant.

Construction

The SCAB is designated nonattainment for O_3, PM_{10}, and $PM_{2.5}$ for State standards and nonattainment for O_3 and $PM_{2.5}$ for Federal standards. As previously discussed, the Project's construction-related emissions would not exceed the South Coast AQMD significance thresholds for criteria pollutants despite the implementation of Standard Condition AQ-1 and Mitigation Measure AQ-1.

Because these thresholds indicate whether individual project emissions have the potential to affect cumulative regional air quality, it can be expected that project-related construction emissions would not potentially be cumulatively considerable. The South Coast AQMD has developed strategies to reduce criteria pollutant emissions outlined in the AQMP pursuant to the FCAA mandates. The analysis assumed fugitive dust controls would be used during construction, including frequent water applications. South Coast AQMD rules, mandates, and compliance with adopted AQMP emissions control measures would also be imposed on construction projects throughout the SCAB that would include related cumulative projects. The Project's construction-related impacts would be less than significant with mitigation incorporated. Compliance with South Coast AQMD rules and regulations would help minimize the proposed Project's construction-related emissions. Project-related construction emissions, in combination with those from other projects in the area, would not be expected to substantially

[17] Summaries include the Arrowhead Springs Specific Plan area, unless otherwise noted.

deteriorate the local air quality. Because the Project would not exceed the South Coast AQMD's construction thresholds, the Project would not significantly contribute to a cumulatively considerable construction emissions impact.

Operations

The South Coast AQMD has not established separate significance thresholds for cumulative operational emissions. The nature of air emissions is largely a cumulative impact. As a result, no single project is sufficient in size to, by itself, result in nonattainment of ambient air quality standards. Instead, individual project emissions contribute to existing cumulatively significant adverse air quality impacts. The South Coast AQMD developed the operational thresholds of significance based on the level above which individual project emissions would result in a cumulatively considerable contribution to the SCAB's existing air quality conditions. Therefore, a project that exceeds the South Coast AQMD operational thresholds would also be a cumulatively considerable contribution to a significant cumulative impact.

As discussed previously, the Project would not generate additional operational emissions to exceed South Coast AQMD thresholds. As a result, the Project would not result in a cumulatively considerable contribution to significant cumulative air quality impacts. Adherence to South Coast AQMD rules and regulations would alleviate potential impacts related to cumulative conditions on a project-by-project basis. Project operations would not significantly contribute to a cumulatively considerable net increase of nonattainment criteria pollutants.

Mitigation Measures

No mitigation is required.

Significant Unavoidable Impacts

No significant unavoidable air quality impacts have been identified.

6 REFERENCES

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4. California Air Resources Board, *Air Quality and Land Use Handbook: A Community Health Perspective*, 2005.
5. California Air Resources Board, *Current Air Quality Standards*, 2016.
6. California Air Resources Board, *Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles*, 2000.
7. California Office of Environmental Health Hazard Assessment, *Air Toxics Hot Spots Program Risk Assessment Guidelines*, 2015.
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20. United States Environmental Protection Agency, *National Ambient Air Quality Standards Table*, 2016.

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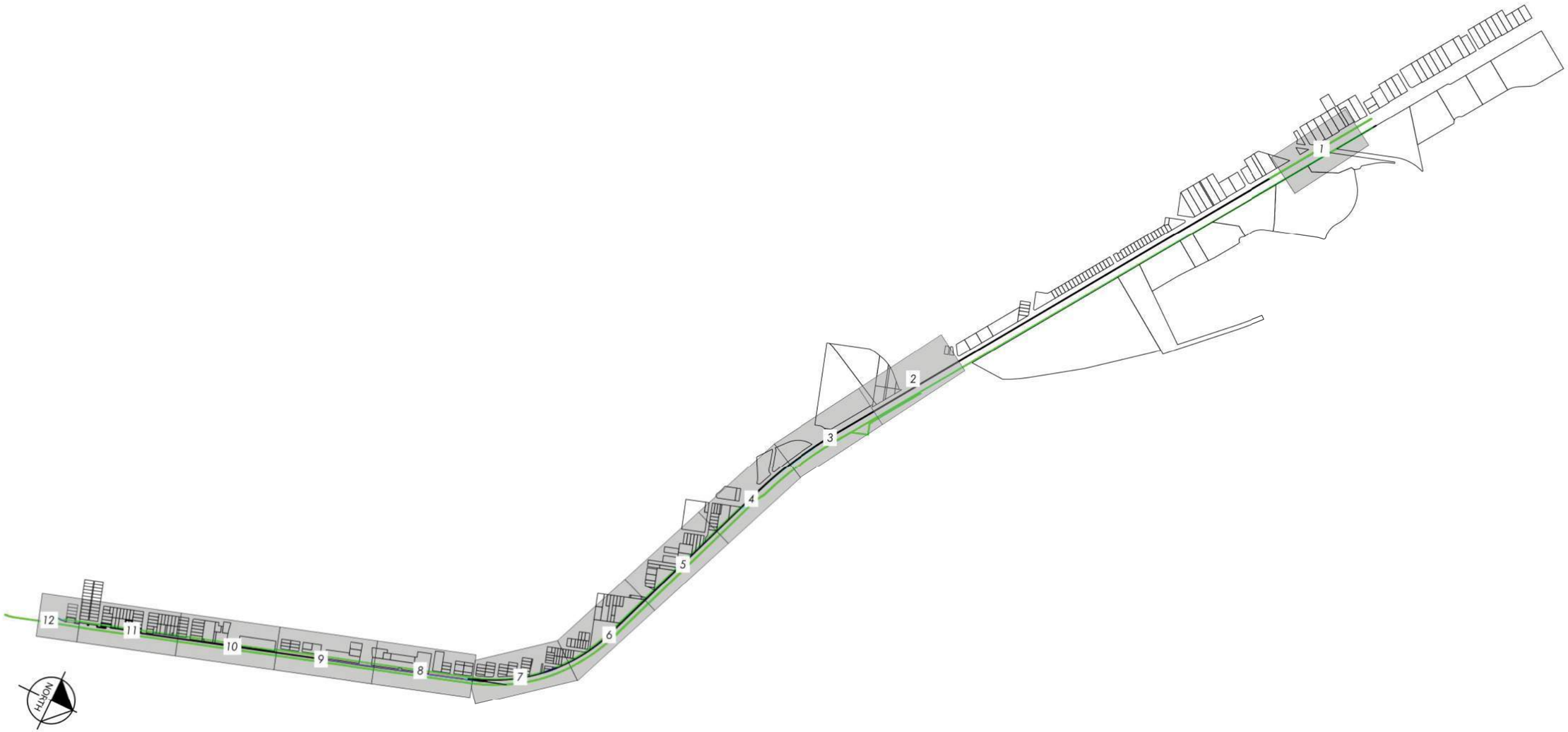
Appendix A

Conceptual Design Plans



Source: Property Impacts, BNSF Ono Lead Extension. Kimley-Horn. April 2020 DRAFT.

LEGEND

- PR CITY ROW
- EX CITY ROW
- PR BNSF ROW
- PR CURB LINE
- PR BNSF ONO LEAD TRACK
- PR BNSF DITCH
- PR CONSTRUCTION LIMIT
- PR SOUND WALL
- PR LOT BOUNDARY
- FRANCHISE AGREEMENT ORDNANCE NO. 336 (WITH UNDERLYING CITY ROW ESMT)
- PRIVATE PROPERTY–FULL TAKE
- PRIVATE PROPERTY–PARTIAL TAKE
- BNSF PROPERTY/EASEMENT
- CITY OF SAN BERNARDINO ROW ESMT–FULL TAKE
- CITY OF SAN BERNARDINO ROW FEE OWNERSHIP–FULL TAKE
- PRIVATE PROPERTY–POTENTIAL FULL TAKE (SAME OWNER AS ADJACENT FULL TAKE)
- PRIVATE PROPERTY–POTENTIAL FULL TAKE
- # PROPERTY IDENTIFIER. SEE PROPERTY MATRIX PREPARED FOR BNSF–ONO LEAD EXTENSION

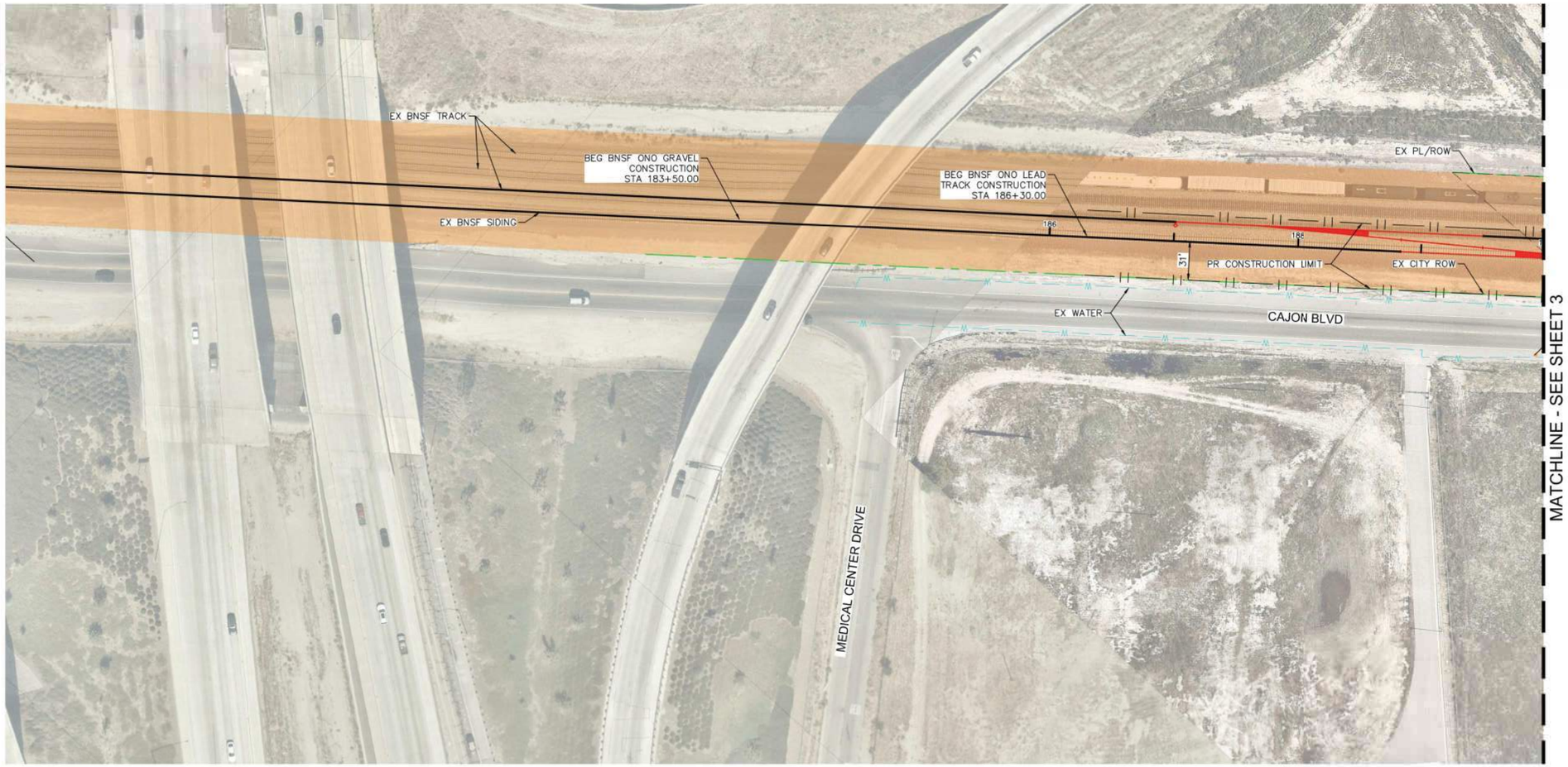
ABBREVIATIONS

CL	CENTERLINE
EX	EXISTING
PR	PROPOSED
PL	PROPERTY LINE
ROW	RIGHT–OF–WAY

NORTH

GRAPHIC SCALE IN FEET
0 25 50 1(

Source: Property Impacts, BNSF Ono Lead Extension. Kimley-Horn. April 2020 DRAFT.



LEGEND

- PR CITY ROW
- EX CITY ROW
- PR BNSF ROW
- PR CURB LINE
- PR BNSF ONO LEAD TRACK
- PR BNSF DITCH
- PR CONSTRUCTION LIMIT
- PR SOUND WALL
- PR LOT BOUNDARY
- FRANCHISE AGREEMENT ORDNANCE NO. 336 (WITH UNDERLYING CITY ROW ESMT)
- PRIVATE PROPERTY–FULL TAKE
- PRIVATE PROPERTY–PARTIAL TAKE
- BNSF PROPERTY/EASEMENT
- CITY OF SAN BERNARDINO ROW ESMT–FULL TAKE
- CITY OF SAN BERNARDINO ROW FEE OWNERSHIP–FULL TAKE
- PRIVATE PROPERTY–POTENTIAL FULL TAKE (SAME OWNER AS ADJACENT FULL TAKE)
- PRIVATE PROPERTY–POTENTIAL FULL TAKE
- PROPERTY IDENTIFIER. SEE PROPERTY MATRIX PREPARED FOR BNSF–ONO LEAD EXTENSION

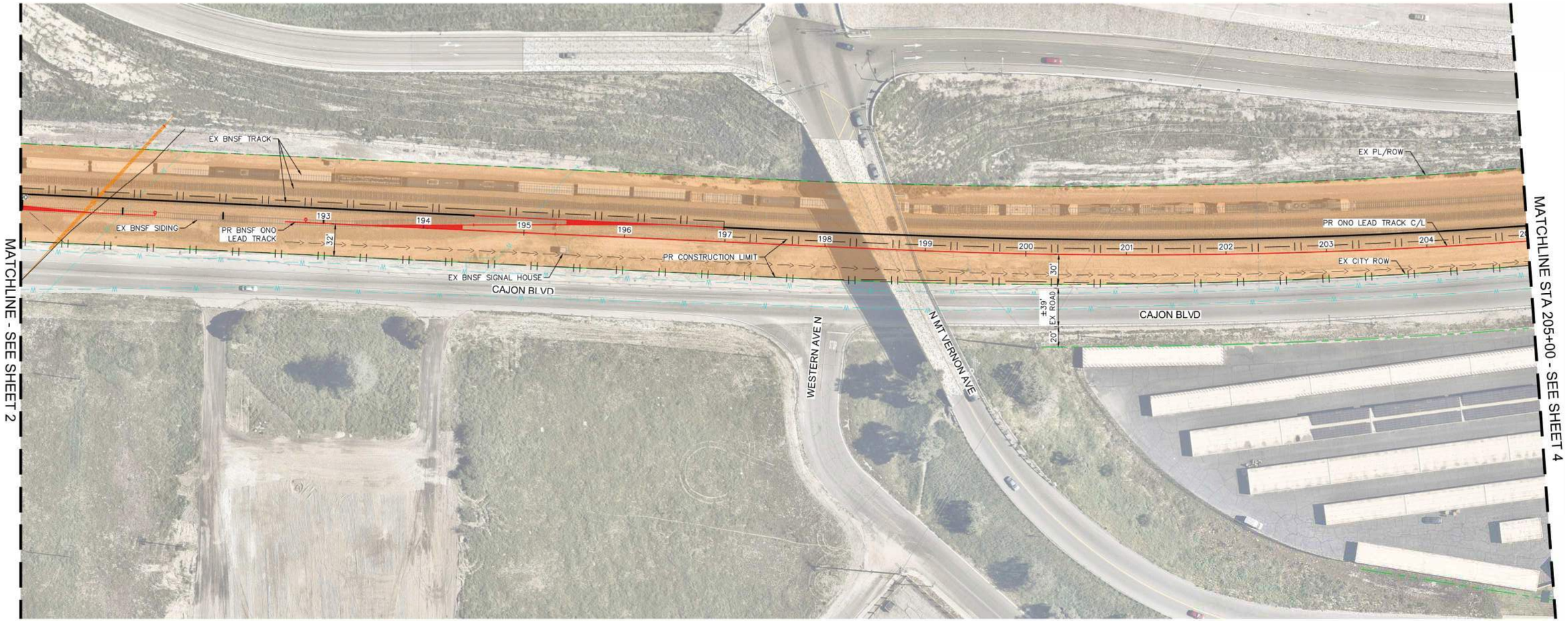
ABBREVIATIONS

CL	CENTERLINE
EX	EXISTING
PR	PROPOSED
PL	PROPERTY LINE
ROW	RIGHT–OF–WAY

NORTH

GRAPHIC SCALE IN FEET
0 25 50 100

Source: Property Impacts, BNSF Ono Lead Extension. Kimley-Horn. April 2020 DRAFT.



LEGEND

- PR CITY ROW
- EX CITY ROW
- PR BNSF ROW
- PR CURB LINE
- PR BNSF ONO LEAD TRACK
- PR BNSF DITCH
- PR CONSTRUCTION LIMIT
- PR SOUND WALL
- PR LOT BOUNDARY
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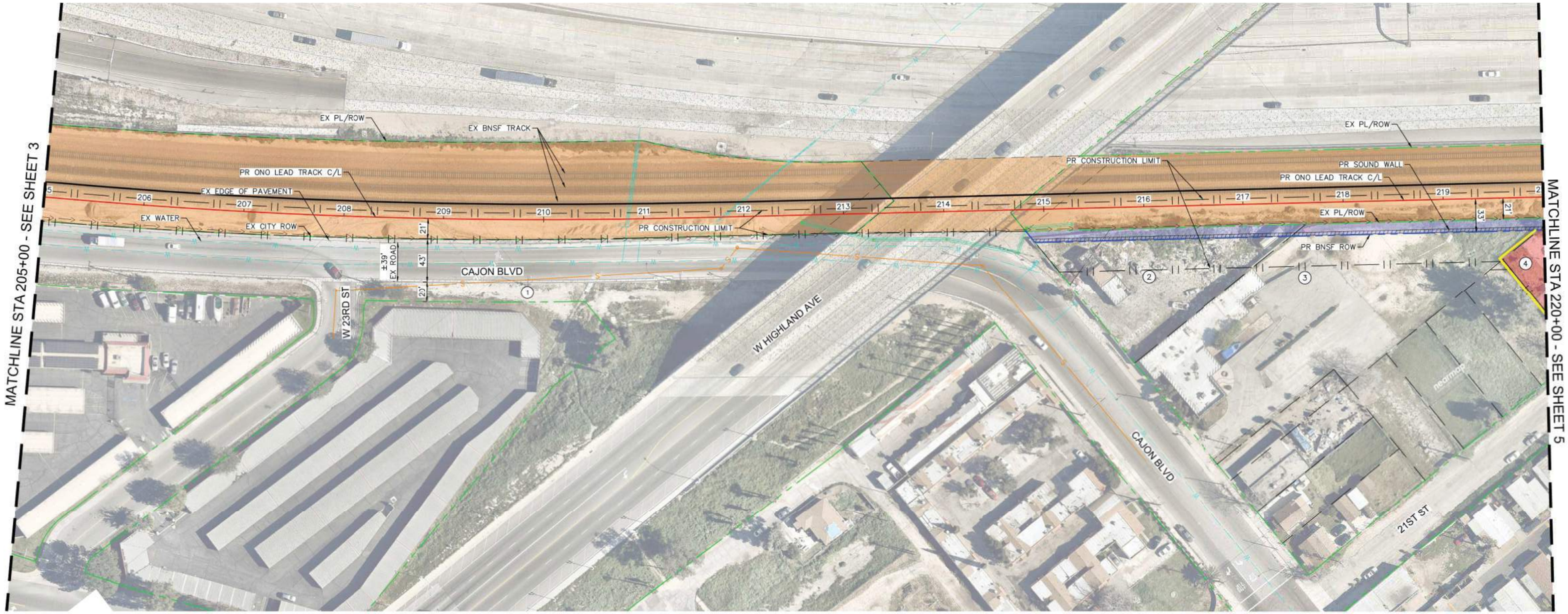

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ABBREVIATIONS

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SEGMENT 4					
PROPERTY IDENTIFIER	PARCEL NO.	LAND OWNER	ZONING	PROPOSED ACTION	REMARKS
1	N/A	CITY OF SAN BERNARDINO	ROW	NO ACQUISITION ANTICIPATED	
2	0144-011-20-0000	BRELAND	CG-1	PRIVATE PROPERTY-PARTIAL TAKE	REQUIRED SIDE SETBACK IS 10FT, ONLY WHERE STREET IS ADJACENT; OTHERWISE 0FT SIDE SETBACK
3	0144-011-22-0000	GUITERREZ	CG-1	PRIVATE PROPERTY-PARTIAL TAKE	

NORTH

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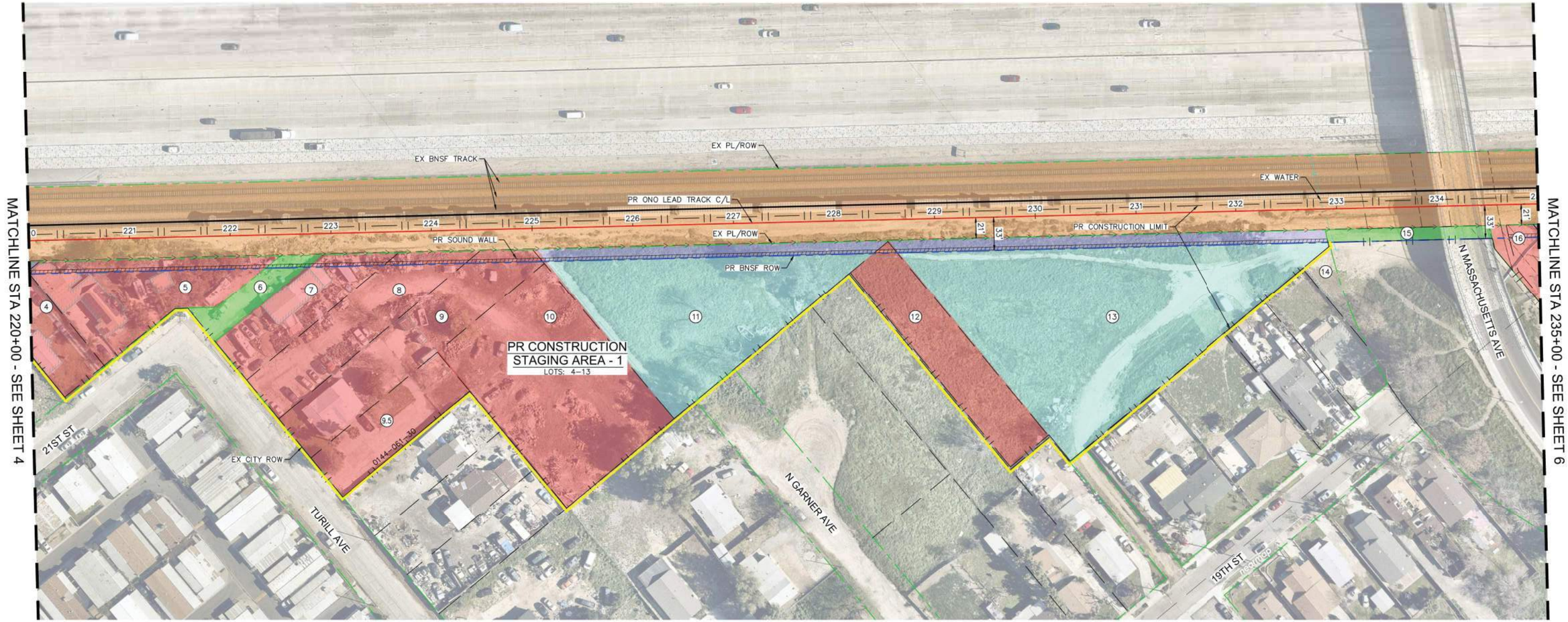

LEGEND

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SEGMENT 5

PROPERTY IDENTIFIER	PARCEL NO.	LAND OWNER	ZONING	PROPOSED ACTION	REMARKS
4	0144-011-18-0000	PEREZ	CG-1	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. LOT SIZE
5	0144-011-17-0000	MENDOZA	CG-1	PRIVATE PROPERTY-FULL TAKE	BUILDING IMPACT
6	N/A	CITY OF SAN BERNARDINO	ROW	CITY FULL TAKE	
7	0144-061-33-0000	COLBURN	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. LOT SIZE
8	0144-061-32-0000	COLBURN	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. LOT WIDTH
9	0144-061-31-0000	COLBURN	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. LOT WIDTH
10	0144-061-15-0000	COLBURN	RS	PRIVATE PROPERTY-FULL TAKE	LANDLOCKED
9.5	0144-061-30-0000	COLBURN	RS	PRIVATE PROPERTY-FULL TAKE	PROVIDES EXISTING DRIVEWAY ACCESS TO ADJACENT OWNER
11	0144-061-14-0000	PHAM	RS	PRIVATE PROPERTY-PARTIAL TAKE	MAY BE A PRIVATE FULL TAKE FOR THIS LOT AND SAME OWNER AS LOT 12
12	0144-061-35-0000	PHAM	RS	PRIVATE FULL TAKE	DOES NOT MEET MIN. LOT WIDTH
13	0144-061-07-0000	PHAM	RS	PRIVATE PROPERTY-PARTIAL TAKE	MAY BE A PRIVATE FULL TAKE FOR THIS LOT AND SAME OWNER AS LOT 12
14	0144-061-37-0000	L & M TRUST NO. 2	RS	NO ACQUISITION ANTICIPATED	
15	N/A	CITY OF SAN BERNARDINO	ROW	CITY ROW FULL TAKE	

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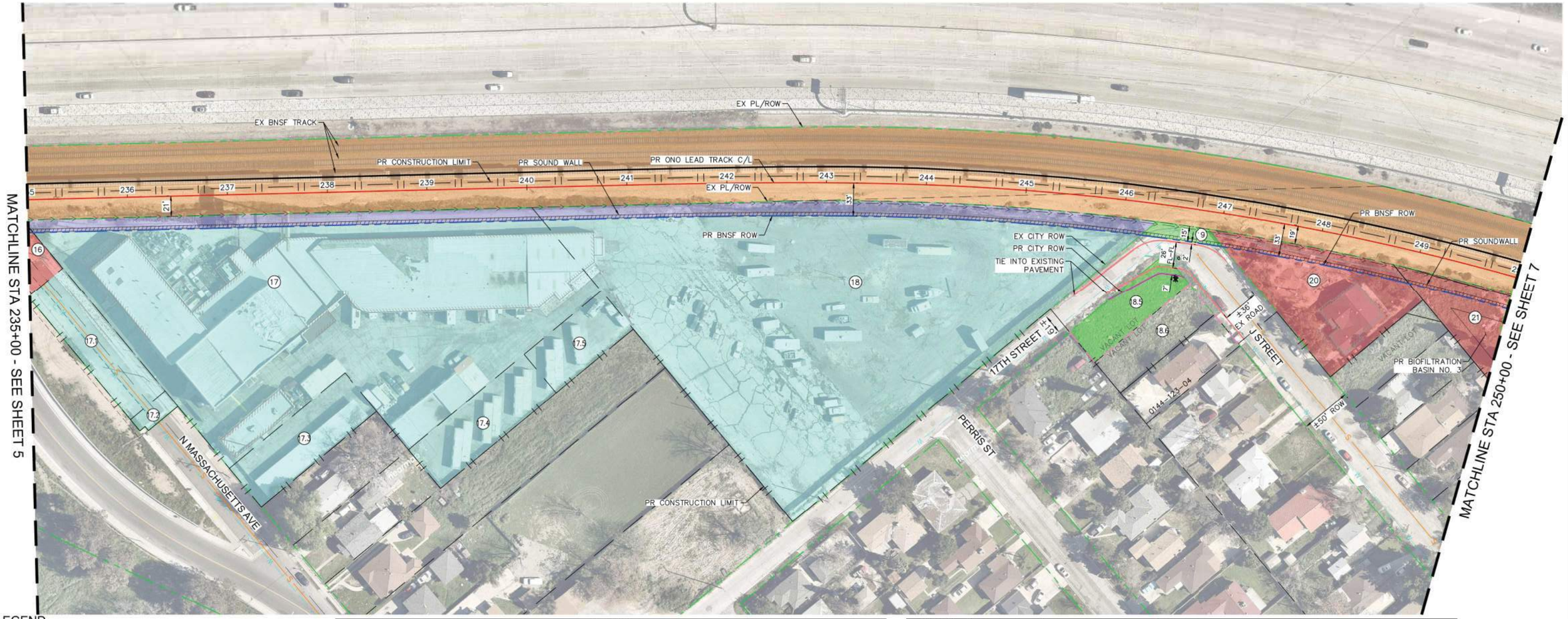

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SEGMENT 6

PROPERTY IDENTIFIER	PARCEL NO.	LAND OWNER	ZONING	PROPOSED ACTION	REMARKS
16	0144-061-36-0000	RADI ENTERPRISES CORP	CG-1	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. LOT SIZE
17	0144-091-10-0000	RADI ENTERPRISES CORP	CG-1	PRIVATE PROPERTY-PARTIAL TAKE	MAY BE A PRIVATE FULL TAKE FOR THIS LOT AND ALL ADJACENT LOTS OWNED BY THE SAME OWNER
17.1	0144-081-10-0000	RADI ENTERPRISES CORP	RS	PRIVATE PROPERTY-POTENTIAL FULL TAKE	MAY BE A PRIVATE FULL TAKE FOR THIS LOT AND ALL ADJACENT LOTS OWNED BY THE SAME OWNER
17.2	0144-081-27-0000	RADI ENTERPRISES CORP	RS	PRIVATE PROPERTY-POTENTIAL FULL TAKE	MAY BE A PRIVATE FULL TAKE FOR THIS LOT AND ALL ADJACENT LOTS OWNED BY THE SAME OWNER
17.3	0144-091-09-0000	RADI ENTERPRISES CORP	RS	PRIVATE PROPERTY-POTENTIAL FULL TAKE	MAY BE A PRIVATE FULL TAKE FOR THIS LOT AND ALL ADJACENT LOTS OWNED BY THE SAME OWNER
17.4	0144-091-13-0000	RADI ENTERPRISES CORP	CG-1	PRIVATE PROPERTY-POTENTIAL FULL TAKE	MAY BE A PRIVATE FULL TAKE FOR THIS LOT AND ALL ADJACENT LOTS OWNED BY THE SAME OWNER
17.5	0144-091-14-0000	RADI ENTERPRISES CORP	CG-1	PRIVATE PROPERTY-POTENTIAL FULL TAKE	MAY BE A PRIVATE FULL TAKE FOR THIS LOT AND ALL ADJACENT LOTS OWNED BY THE SAME OWNER
18	0144-091-01-0000	RADI ENTERPRISES CORP	CG-1	PRIVATE PROPERTY-PARTIAL TAKE	MAY BE A PRIVATE FULL TAKE FOR THIS LOT AND ALL ADJACENT LOTS OWNED BY THE SAME OWNER
18.5	0144-123-46-0000	SUCCESSOR AGENCY/RDA CITY OF SB	RS	CITY FULL TAKE	VACANT LOT, MAY BE COMBINED WITH 18.6 FOR POSSIBLE MERGE
18.6	0144-123-03-0000	SUCCESSOR AGENCY/RDA CITY OF SB	RS	NO ACQUISITION ANTICIPATED	VACANT LOT, MAY BE COMBINED WITH 18.5 FOR POSSIBLE MERGE
19	N/A	CITY OF SAN BERNARDINO	ROW	CITY ROW FULL TAKE	
20	0144-131-49-0000	VAZQUEZ	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET SIDE/REAR SETBACK AT NE BUILDING CORNER

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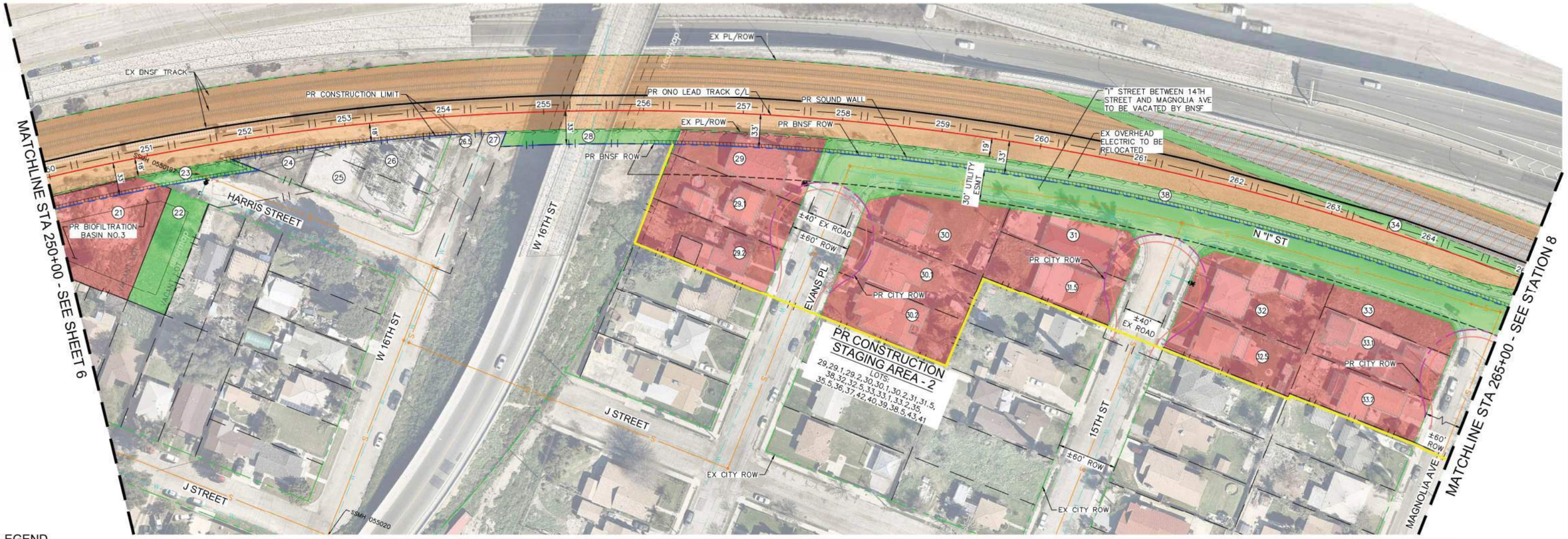

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SEGMENT 7

PROPERTY IDENTIFIER	PARCEL NO.	LAND OWNER	ZONING	PROPOSED ACTION	REMARKS
21	0144-131-50-0000	VAZQUEZ	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET LOT FRONTAGE WIDTH. SUGGEST MERGE WITH LOT 22
22	0144-131-21-0000	SUCCESSOR AGENCY/REDEVELOPMENT AGENCY	RS	CITY FULL TAKE	VACANT LOT (IF MERGED, PROVIDES ACCESS TO LOT 21). LOT OWNED BY THE CITY OF SB
23	N/A	CITY OF SAN BERNARDINO	ROW	CITY ROW FULL TAKE	NORTH OF HARRIS STREET ROW
24	0144-131-51-0000	SOUTHERN CALIFORNIA EDISION CO.	RS	NO ACQUISITION ANTICIPATED	POSSIBLE RETAINING WALL TO BE INCORPORATED. SCE PROPERTY IS LOCATED 18.3FT FROM C/L OF PROPOSED LEAD TRACK. REDUCED SECTION OF 18FT FROM PROPOSED LEAD TRACK TO ROW TO AVOID IMPACTS.
25	0144-131-10-0000	SOUTHERN CALIFORNIA EDISION CO.	RS	NO ACQUISITION ANTICIPATED	REDUCED SECTION OF 18FT FROM PROPOSED LEAD TRACK TO ROW TO AVOID IMPACTS.
26	0144-131-45-0000	SOUTHERN CALIFORNIA EDISION CO.	RS	NO ACQUISITION ANTICIPATED	POSSIBLE RETAINING WALL TO BE INCORPORATED. SCE PROPERTY IS LOCATED 18.3FT FROM C/L OF PROPOSED LEAD TRACK. REDUCED SECTION OF 18FT FROM PROPOSED LEAD TRACK TO ROW TO AVOID IMPACTS.
26.5	N/A	CITY OF SAN BERNARDINO	ROW	NO ACQUISITION ANTICIPATED	REDUCED SECTION OF 18FT FROM PROPOSED LEAD TRACK TO ROW TO AVOID IMPACTS.
27	0144-163-21-0000	SOUTHERN CALIFORNIA EDISION CO.	ROW	NO ACQUISITION ANTICIPATED	REDUCED SECTION OF 18FT FROM PROPOSED LEAD TRACK TO ROW TO AVOID IMPACTS
28	N/A	CITY OF SAN BERNARDINO	ROW	CITY ROW FULL TAKE	WEST 16TH STREET OVERPASS
29	0144-163-19-0000	RAMIREZ	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. LOT SIZE/BUILDING IMPACT
29.1	0144-163-12-0000	MATA	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. LOT SIZE/BUILDING IMPACT
29.2	0144-163-13-0000	GARCIA	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. LOT SIZE
30	0144-164-17-0000	CHAVEZ	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. LOT WIDTH
30.1	0144-164-05-0000	HERNANDEZ	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. LOT SIZE/BUILDING IMPACT
30.2	0144-164-04-0000	RAMIREZ	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. LOT SIZE
31	0144-164-18-0000	MORENO	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. LOT SIZE/BUILDING IMPACT
31.5	0144-164-11-0000	VARELA	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. LOT SIZE/BUILDING IMPACT
32	0144-183-19-0000	GERBARA	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. LOT SETBACK
32.5	0144-183-06-0000	BARAJAS	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. LOT SIZE
33	0144-183-20-0000	ROMERO	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. LOT SIZE
33.1	0144-183-10-0000	ROMERO	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. LOT SIZE
33.2	0144-183-17-0000	HARRIS	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. LOT SIZE
34	N/A	CITY OF SAN BERNARDINO	ROW	CITY ROW FULL TAKE	AREA ADJACENT TO FRANCHISE AGREEMENT, ON RAIL LINE TRACKS
38	N/A	CITY OF SAN BERNARDINO	ROW	CITY ROW FULL TAKE	NORTH I STREET

NORTH

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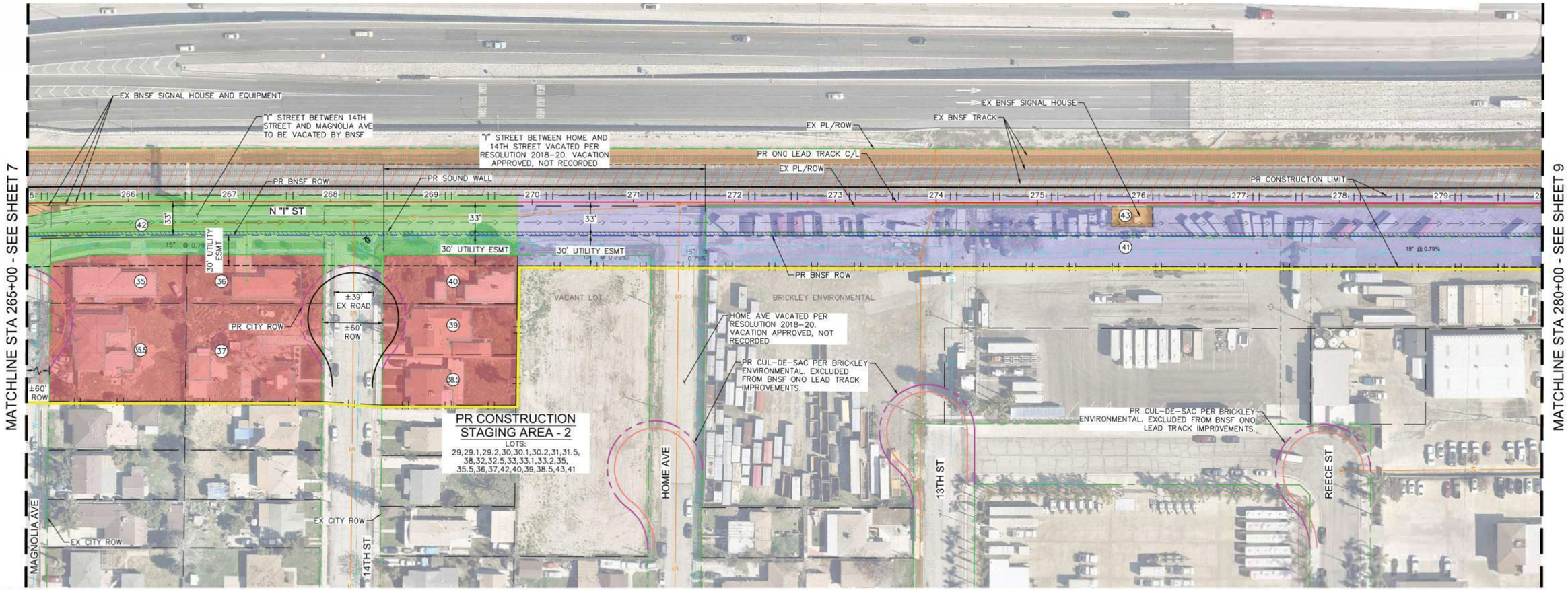

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SEGMENT 8

PROPERTY IDENTIFIER	PARCEL NO.	LAND OWNER	ZONING	PROPOSED ACTION	REMARKS
35	0144-184-08-0000	STARLITE MGT III LP	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. LOT SIZE
35.5	0144-184-21-0000	FERNANDEZ	RS	PRIVATE PROPERTY-FULL TAKE	BUILDING IMPACT
36	0144-184-09-0000	DE LA GARZA	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. LOT SIZE
37	0144-184-17-0000	CEJA	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. FRONT AND REAR SETBACK
38.5	0144-221-14-0000	JONES	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. LOT SIZE
39	0144-221-15-0000	SOTO	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. LOT SIZE/BUILDING IMPACT
40	0144-221-16-0000	ORTIZ	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. LOT SIZE
41	0144-222-54-0000	BRICLEY, THOMAS & KIMBERLY FAM TR 1	CH	PRIVATE PROPERTY-PARTIAL TAKE	PARCEL IS DIVIDED BY HOME AVE WEST (PRIVATE PARTIAL TAKE INCLUDES ROW THAT IS AQUIRED FROM THE VACATION ALONG I STREET)
42	N/A	CITY OF SAN BERNARDINO	ROW	CITY ROW FULL TAKE	NORTH I STREET
43	0144-232-29-0000	ATCHISON, TOPEKA AND STANTA FE RR CO.	CH	BNSF PROPERTY/EASEMENT	BNSF EASEMENT. NO ACQUISITION ANTICIPATED

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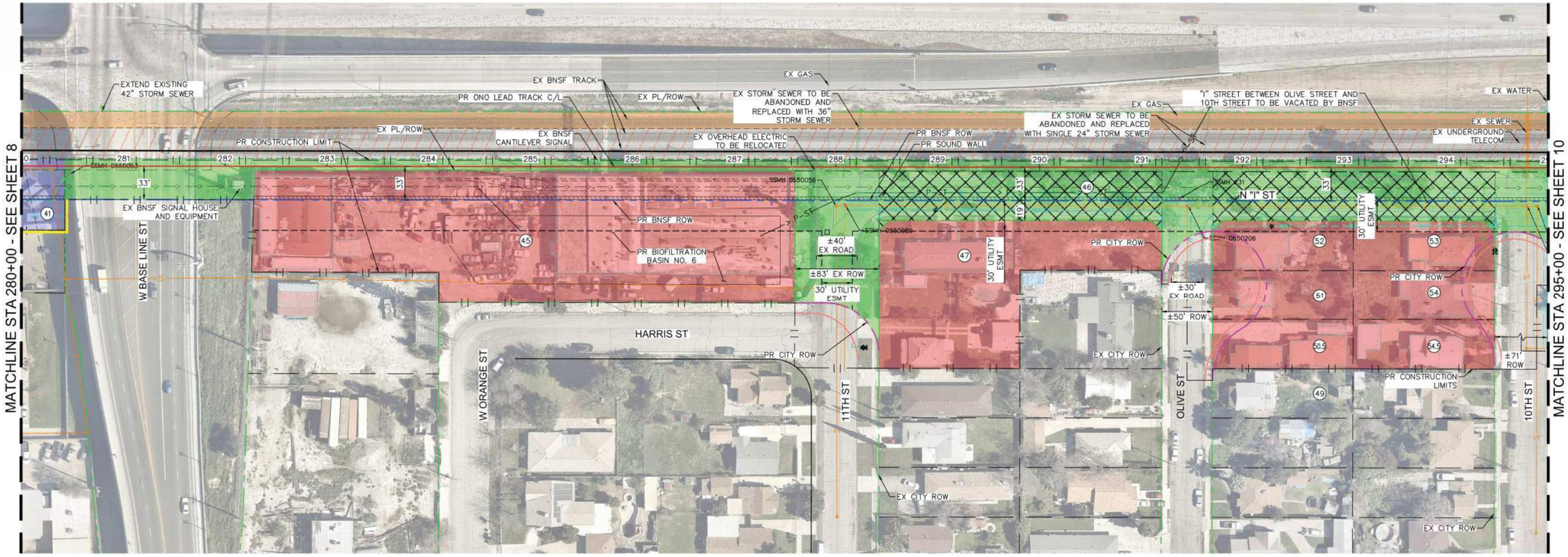

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SEGMENT 9

PROPERTY IDENTIFIER	PARCEL NO.	LAND OWNER	ZONING	PROPOSED ACTION	REMARKS
41	0144-222-54-0000	BRICLEY, THOMAS & KIMBERLY FAM TR 1	CH	PRIVATE PROPERTY-PARTIAL TAKE	PARCEL IS DIVIDED BY HOME AVE WEST (PRIVATE PARTIAL TAKE INCLUDES ROW THAT IS AQUIRED FROM THE VACATION ALONG I STREET)
45	0139-092-10-0000	KELLSTROM, TRACEY K TRUST	CH	PRIVATE PROPERTY-FULL TAKE	BUILDING IMPACT
46	N/A	CITY OF SAN BERNARDINO	ROW	CITY ROW FULL TAKE	
47	0139-131-30-0000	MONTECINO TRUST	RS	PRIVATE PROPERTY-FULL TAKE	TRIPLEX (DOES NOT ALLOW ACCESS TO ALL POINTS OF THE BUILDING)
49	0139-132-10-0000	GRADIAS ARTHUR	RS	PRIVATE PROPERTY-PARTIAL TAKE	4.18 SF ROW IMPACT TO LOT
50.5	0139-132-11-0000	AGUAYO	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. LOT SIZE
51	0139-132-12-0000	GUTIERREZ	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. LOT SIZE
52	0139-132-13-0000	MORALES	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. LOT SIZE
53	0139-132-16-0000	GENG	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. LOT SIZE
54	0139-132-17-0000	EOA EMPIRE LLC	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. LOT SIZE
54.5	0139-132-18-0000	SAMAYOA	RS	PRIVATE PROPERTY-FULL TAKE	DOES NOT MEET MIN. LOT SIZE

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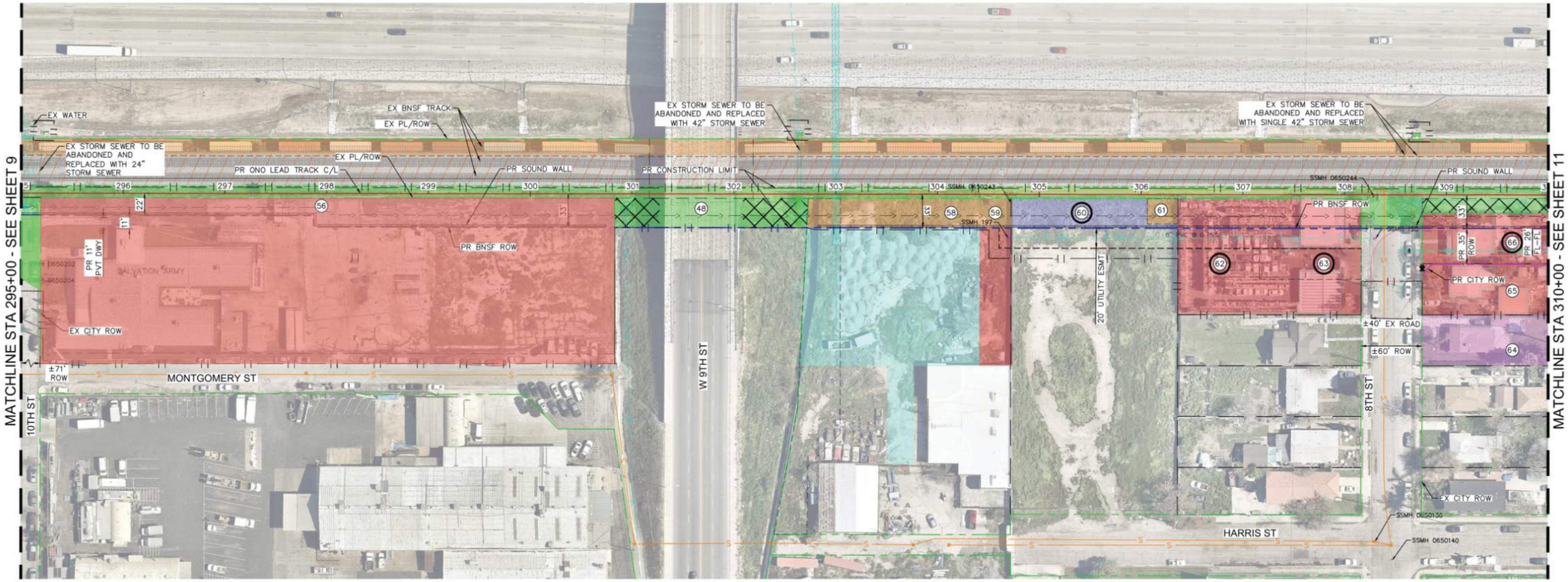

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- PRIVATE PROPERTY–POTENTIAL FULL TAKE
- # PROPERTY IDENTIFIER. SEE PROPERTY MATRIX PREPARED FOR BNSF–ONO LEAD EXTENSION
- # UNWILLING SELLER

ABBREVIATIONS

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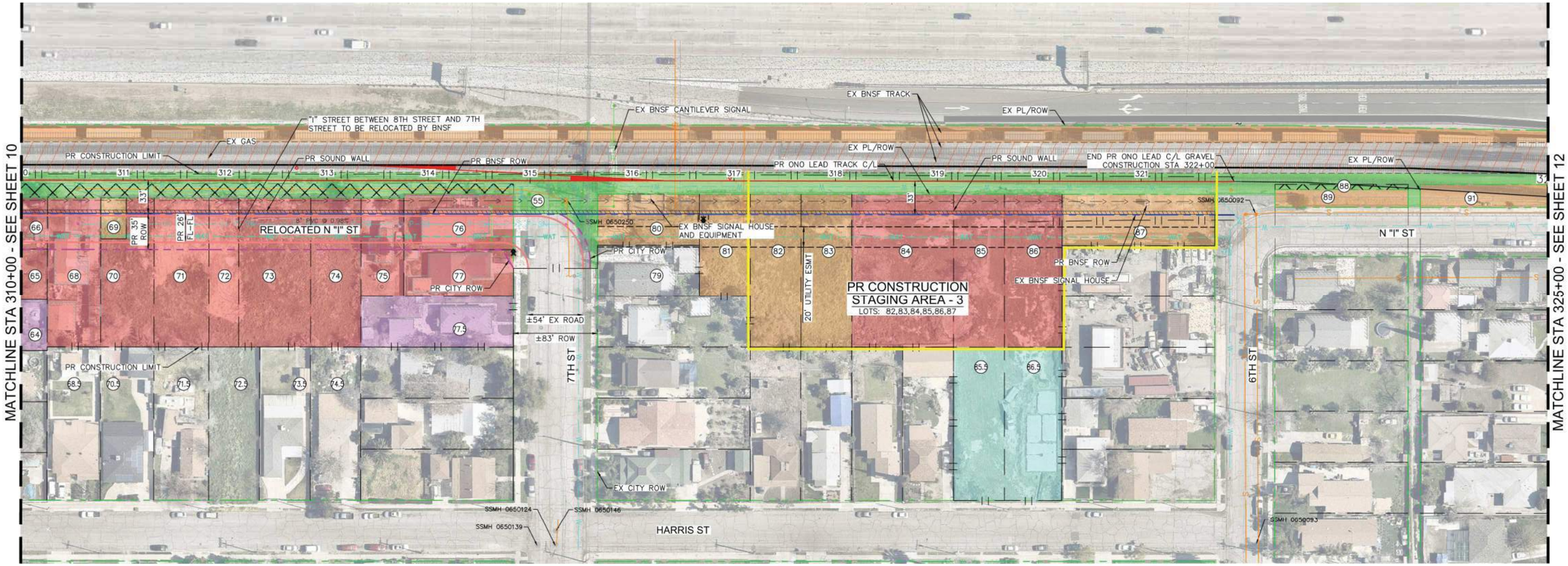
SEGMENT 10

PROPERTY IDENTIFIER	PARCEL NO.	LAND OWNER	ZONING	PROPOSED ACTION	REMARKS
48	N/A	CITY OF SAN BERNARDINO	ROW	CITY ROW FULL TAKE	
56	0139-202-01-0000	SALVATION ARMY	IL	PRIVATE PROPERTY-PARTIAL TAKE	PROPOSED ROW SECTION REDUCED TO AVOID IMPACTS AND COMPLY WITH 10FT SIDE SETBACK. IN NEGOTIATIONS WITH BNSF
58	0139-262-17-0000	BNSF	IL	ACQUIRED BY BNSF - PARTIAL TAKE	VACANT LOT. PURCHASED BY BNSF. PREVIOUSLY OWNED BY O & A DEVELOPMENT LLC
59	0139-262-05-0000	BNSF	IL	ACQUIRED BY BNSF - PARTIAL TAKE	VACANT LOT. PURCHASED BY BNSF. PREVIOUSLY OWNED BY O & A DEVELOPMENT LLC
60	0139-262-06-0000	SIERRA	IL	PRIVATE PROPERTY-PARTIAL TAKE	VACANT LOT.
61	0139-262-15-0000	ATCHISON, TOPEKA AND SANTA FE RR CO.	IL	BNSF PROPERTY/EASEMENT	BNSF EASEMENT. NO ACQUISITION ANTICIPATED
62	0139-262-07-0000	SANCHEZ	IL	PRIVATE PROPERTY-FULL TAKE	AUTO WRECKING AND STORAGE YARD/BUILDING IMPACT.
63	0139-262-08-0000	SANCHEZ	IL	PRIVATE PROPERTY-FULL TAKE	AUTO WRECKING AND STORAGE ENTRANCE.
64	0139-312-11-0000	BARRERA	RS	PRIVATE PROPERTY-POTENTIAL FULL TAKE	NEEDED TO COMBINE WITH LOT 65 IN ORDER TO CREATE CONFORMING LOT
65	0139-312-12-0000	JACOBO	RS	PRIVATE PROPERTY-FULL TAKE	BUILDING IMPACT. IN NEGOTIATIONS WITH BNSF
66	0139-312-13-0000	SIERRA	RS	PRIVATE PROPERTY-FULL TAKE	BUILDING IMPACT.

NORTH

GRAPHIC SCALE IN FEET
0 25 50 100

Source: Property Impacts, BNSF Ono Lead Extension. Kimley-Horn. April 2020 DRAFT.



LEGEND

- PR CITY ROW
- EX CITY ROW
- PR BNSF ROW
- PR CURB LINE
- PR BNSF ONO LEAD TRACK
- PR BNSF DITCH
- PR CONSTRUCTION LIMIT
- PR SOUND WALL
- PR LOT BOUNDARY
- FRANCHISE AGREEMENT ORDINANCE NO. 336 (WITH UNDERLYING CITY ROW ESMT)
- PRIVATE PROPERTY–FULL TAKE
- PRIVATE PROPERTY–PARTIAL TAKE
- BNSF PROPERTY/EASEMENT
- CITY OF SAN BERNARDINO ROW ESMT–FULL TAKE
- CITY OF SAN BERNARDINO ROW FEE OWNERSHIP–FULL TAKE
- PRIVATE PROPERTY–POTENTIAL FULL TAKE (SAME AS OWNER ADJACENT FULL TAKE)
- PRIVATE PROPERTY–POTENTIAL FULL TAKE
- (#) PROPERTY IDENTIFIER. SEE PROPERTY MATRIX PREPARED FOR BNSF–ONO LEAD EXTENSION

SEGMENT 11

PROPERTY IDENTIFIER	PARCEL NO.	LAND OWNER	ZONING	PROPOSED ACTION	REMARKS
55	N/A	CITY OF SAN BERNARDINO	ROW	CITY ROW FULL TAKE	
68	0139-312-14-0000	GUTIERREZ	RS	PRIVATE PROPERTY-FULL TAKE	BUILDING IMPACT. CITY TO ACCEPT DESIGN VARIANCE OF 96FT LOT DEPTH
68.5	0139-312-07-0000	CANDELARIA	RS	NO ACQUISITION ANTICIPATED	
69	0139-312-26-0000	ATCHISON, TOPEKA AND SANTA FE RR CO.	RS	BNSF PROPERTY/EASEMENT	BNSF EASEMENT. NO ACQUISITION ANTICIPATED
70	0139-312-15-0000	RAMOS	RS	PRIVATE PROPERTY-FULL TAKE	VACANT LOT, DOES NOT MEET MIN. LOT SIZE. CITY TO ACCEPT DESIGN VARIANCE OF 96FT LOT DEPTH
70.5	0139-312-07-0000	CANDELARIA	RS	NO ACQUISITION ANTICIPATED	
71	0139-312-16-0000	VILLA	RS	PRIVATE PROPERTY-FULL TAKE	VACANT LOT, DOES NOT MEET MIN. LOT SIZE. CITY TO ACCEPT DESIGN VARIANCE OF 96FT LOT DEPTH
71.5	0139-312-05-0000	BURDICK	RS	NO ACQUISITION ANTICIPATED	
72	0139-312-17-0000	VILLA	RS	PRIVATE PROPERTY-FULL TAKE	VACANT LOT, DOES NOT MEET MIN. LOT SIZE. CITY TO ACCEPT DESIGN VARIANCE OF 96FT LOT DEPTH
72.5	0139-312-04-0000	KHAN	RS	NO ACQUISITION ANTICIPATED	
73	0139-312-18-0000	SIERRA	RS	PRIVATE PROPERTY-FULL TAKE	VACANT LOT, DOES NOT MEET MIN. LOT SIZE. CITY TO ACCEPT DESIGN VARIANCE OF 96FT LOT DEPTH
73.5	0139-312-03-0000	RAMIREZ	RS	NO ACQUISITION ANTICIPATED	
74	0139-312-19-0000	NDIP Agbor	RS	PRIVATE PROPERTY-FULL TAKE	VACANT LOT, DOES NOT MEET MIN. LOT SIZE. CITY TO ACCEPT DESIGN VARIANCE OF 96FT LOT DEPTH
74.5	0139-312-02-0000	R & A HT LLC	RS	NO ACQUISITION ANTICIPATED	

PROPERTY IDENTIFIER	PARCEL NO.	LAND OWNER	ZONING	PROPOSED ACTION	REMARKS
75	0139-312-20-0000	ROJAS	RS	PRIVATE PROPERTY-FULL TAKE	BUILDING IMPACT
76	0139-312-21-0000	MOLINA	RS	PRIVATE PROPERTY-FULL TAKE	BUILDING IMPACT
77	0139-312-22-0000	DURAN	RS	PRIVATE PROPERTY-FULL TAKE	BUILDING IMPACT
77.5	0139-312-23-0000	PENA	RS	PRIVATE PROPERTY-POTENTIAL FULL TAKE	NEEDED TO COMBINE WITH LOT 75 AND 77 IN ORDER TO CREATE CONFORMING LOT
79	0138-072-05-0000	915 WEST 7TH STREET TRUST	RS	NO ACQUISITION ANTICIPATED	
80	0138-072-06-0000	BNSF RAILWAY CO.	RS	BNSF PROPERTY/EASEMENT	VACANT LOT, NO ACCESS. BNSF FEE OWNERSHIP
81	0138-072-07-0000	BNSF RAILWAY CO.	RS	BNSF PROPERTY/EASEMENT	VACANT LOT, NO ACCESS. BNSF FEE OWNERSHIP
82	0138-072-08-0000	BNSF RAILWAY CO.	RS	BNSF PROPERTY/EASEMENT	VACANT LOT, NO ACCESS. BNSF FEE OWNERSHIP
83	0138-072-09-0000	BNSF RAILWAY CO.	RS	BNSF PROPERTY/EASEMENT	VACANT LOT, NO ACCESS. BNSF FEE OWNERSHIP
84	0138-072-38-0000	MENDOZA	RS	PRIVATE PROPERTY-FULL TAKE	VACANT LOT, NO ACCESS
85	0138-072-41-0000	MENDOZA	RS	PRIVATE PROPERTY-FULL TAKE	VACANT LOT, NO ACCESS
85.5	0138-072-39-0000	MENDOZA	RS	PRIVATE PROPERTY-POTENTIAL FULL TAKE	VACANT LOT, COMMON OWNERSHIP WITH 85 & 86
86	0138-072-42-0000	MENDOZA	RS	PRIVATE PROPERTY-FULL TAKE	VACANT LOT, NO ACCESS
86.5	0138-072-40-0000	MENDOZA	RS	PRIVATE PROPERTY-POTENTIAL FULL TAKE	COMMON OWNERSHIP WITH 85 & 86
87	0138-072-36-0000	BURLINGTON NORTHERN & SF R/R CO.	RS	BNSF PROPERTY/EASEMENT	VACANT LOT, BNSF FEE OWNERSHIP
88	0138-141-29-0000	CITY OF SAN BERNARDINO	RS	CITY ROW FULL TAKE	VACANT LOT, CITY FEE OWNERSHIP
89	0138-141-32-0000	ATCHISON, TOPEKA, AND SANTA FE RR CO.	RS	BNSF PROPERTY/EASEMENT	VACANT LOT, BNSF FEE OWNERSHIP
91	0138-141-30-0000	ATCHISON, TOPEKA, AND SANTA FE RR CO.	RS	BNSF PROPERTY/EASEMENT	VACANT LOT, BNSF FEE OWNERSHIP

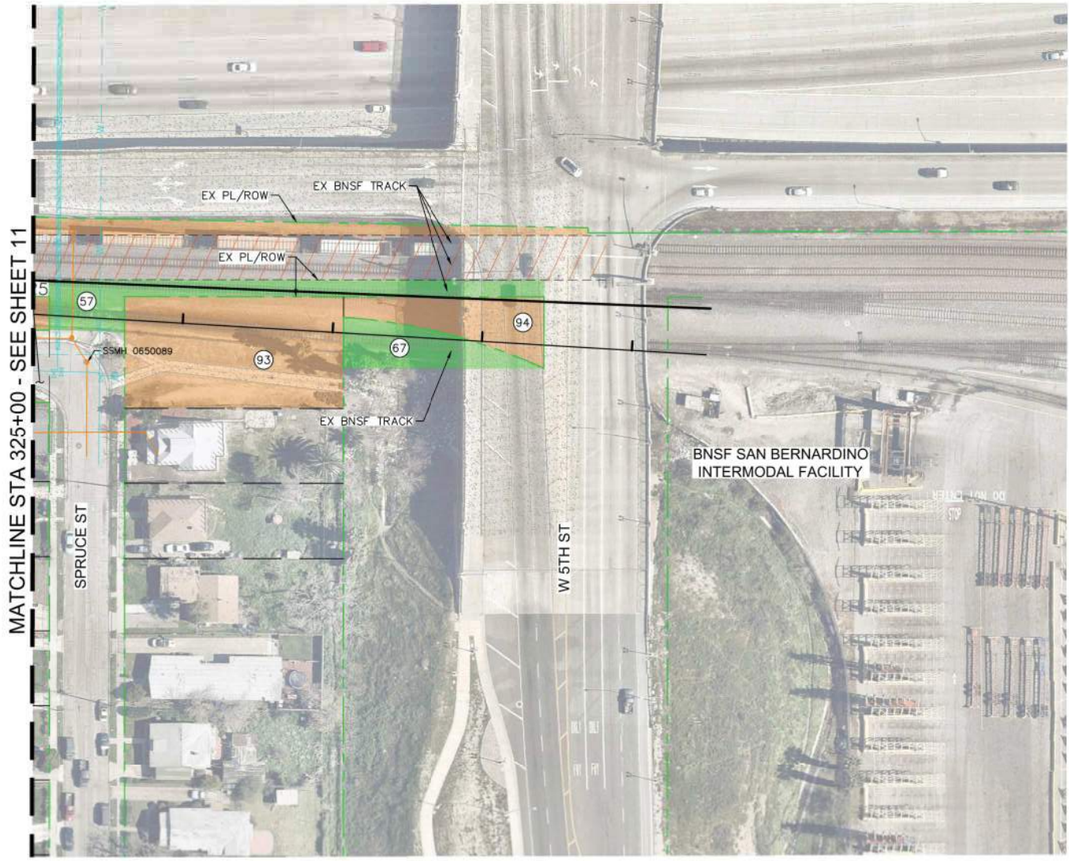
ABBREVIATIONS

CL	CENTERLINE
EX	EXISTING
PR	PROPOSED
PL	PROPERTY LINE
ROW	RIGHT–OF–WAY

NORTH

GRAPHIC SCALE IN FEET
0 25 50 100

Source: Transportation Impact Analysis. BNSF Ono Lead Extension. Kimley-Horn. April 2019 DRAFT.



LEGEND

- PR CITY ROW
- EX CITY ROW
- PR BNSF ROW
- PR CURB LINE
- PR BNSF ONO LEAD TRACK
- PR BNSF DITCH
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- CITY OF SAN BERNARDINO ROW FEE OWNERSHIP–FULL TAKE
- PRIVATE PROPERTY–POTENTIAL FULL TAKE (SAME AS OWNER ADJACENT FULL TAKE)
- PRIVATE PROPERTY–POTENTIAL FULL TAKE
- # PROPERTY IDENTIFIER. SEE PROPERTY MATRIX PREPARED FOR BNSF–ONO LEAD EXTENSION

ABBREVIATIONS

CL	CENTERLINE
EX	EXISTING
PR	PROPOSED
PL	PROPERTY LINE
ROW	RIGHT–OF–WAY

SEGMENT 12

PROPERTY IDENTIFIER	PARCEL NO.	LAND OWNER	ZONING	PROPOSED ACTION	REMARKS
57	N/A	CITY OF SAN BERNARDINO	ROW	CITY ROW FULL TAKE	
67	N/A	CITY OF SAN BERNARDINO	ROW	CITY ROW FULL TAKE	
93	0138-142-13-0000	ATCHISON, TOPEKA, AND SANTA FE RR CO.	RS	BNSF PROPERTY/EASEMENT	VACANT LOT, BNSF FEE OWNERSHIP
94	0138-142-14-0000	ATCHISON, TOPEKA, AND SANTA FE RR CO.	CG-1	BNSF PROPERTY/EASEMENT	VACANT LOT, BNSF FEE OWNERSHIP

NORTH

GRAPHIC SCALE IN FEET
0 25 50 10

Source: Property Impacts, BNSF Ono Lead Extension. Kimley-Horn. April 2020 DRAFT.

Appendix B

Air Quality Modeling Data

BNSF Ono Realignment

San Bernardino-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Non-Asphalt Surfaces	2.40		73.83	3,216,034.80	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	32
Climate Zone	10			**Operational Year**	2021
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - anticipated land use (user defined unit is miles of rail), acreage of existing BNSF ROW and property takes

Construction Phase - anticipated construction schedule

Off-road Equipment - anticipated hours per day of construction

Off-road Equipment - anticipated hours per day of construction

Off-road Equipment - anticipated construction equipment; anticipated hours per day of construction

Off-road Equipment - anticipated construction equipment (swingloaders, offroad forklift, welder, rail tamper); anticipated hours per day of construction

Off-road Equipment - anticipated hours per day of construction

Trips and VMT - anticipated trips; rail construction and paving trips consistent with haul trip assumptions

Demolition -

Grading - anticipated earthwork

Construction Off-road Equipment Mitigation - Mitigation per Rule 403

Table Name	Column Name	Default Value	New Value
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tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
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tblConstEquipMitigation	Tier	No Change	Tier 4 Final

tblConstructionPhase	NumDays	1,110.00	80.00
tblConstructionPhase	NumDays	70.00	130.00
tblConstructionPhase	NumDays	110.00	131.00
tblConstructionPhase	NumDays	75.00	91.00
tblConstructionPhase	NumDays	40.00	262.00
tblGrading	AcresOfGrading	532.19	275.00
tblGrading	MaterialExported	0.00	184,300.00
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tblOffRoadEquipment	HorsePower	89.00	132.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
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tblOffRoadEquipment	UsageHours	8.00	13.00
tblOffRoadEquipment	UsageHours	8.00	13.00

tblOffRoadEquipment	UsageHours	8.00	13.00
tblOffRoadEquipment	UsageHours	8.00	13.00
tblOffRoadEquipment	UsageHours	8.00	13.00
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tblOffRoadEquipment	UsageHours	8.00	13.00
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tblTripsAndVMT	HaulingTripNumber	0.00	960.00
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tblTripsAndVMT	VendorTripNumber	527.00	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	6.7349	69.4671	36.7825	0.0808	32.8723	3.5735	36.4459	17.0050	3.2877	20.2927	0.0000	7,956.4032	7,956.4032	1.9515	0.0000	8,002.0728
2021	15.4850	221.0544	99.8923	0.4297	52.5856	6.7789	59.3646	24.6755	6.2450	30.9205	0.0000	44,104.8007	44,104.8007	6.7772	0.0000	44,274.2305
2022	9.6228	135.7516	74.5426	0.3617	23.1328	2.8460	25.9787	8.5098	2.6252	11.1350	0.0000	37,468.4923	37,468.4923	4.7888	0.0000	37,588.2115
Maximum	**15.4850**	**221.0544**	**99.8923**	**0.4297**	**52.5856**	**6.7789**	**59.3646**	**24.6755**	**6.2450**	**30.9205**	**0.0000**	**44,104.8007**	**44,104.8007**	**6.7772**	**0.0000**	**44,274.2305**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	1.5483	13.4650	38.9837	0.0808	15.8562	0.4254	15.9598	7.7151	0.4247	7.8185	0.0000	7,956.4032	7,956.4032	1.9515	0.0000	8,002.0728
2021	4.3501	88.4879	102.8749	0.4297	28.2249	0.4964	28.7213	12.0638	0.4863	12.5501	0.0000	44,104.8007	44,104.8007	6.7772	0.0000	44,274.2304
2022	7.8892	77.9935	77.5515	0.3617	15.5830	0.3717	15.9372	5.1376	0.3640	5.4836	0.0000	37,468.4923	37,468.4923	4.7888	0.0000	37,588.2115
Maximum	**7.8892**	**88.4879**	**102.8749**	**0.4297**	**28.2249**	**0.4964**	**28.7213**	**12.0638**	**0.4863**	**12.5501**	**0.0000**	**44,104.8007**	**44,104.8007**	**6.7772**	**0.0000**	**44,274.2304**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**56.70**	**57.79**	**-3.88**	**0.00**	**45.06**	**90.20**	**50.23**	**50.36**	**89.51**	**58.54**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.3842	0.0000	2.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		5.3000e-004	5.3000e-004	0.0000		5.6000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.3842**	**0.0000**	**2.5000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**5.3000e-004**	**5.3000e-004**	**0.0000**	**0.0000**	**5.6000e-004**

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	1.3842	0.0000	2.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		5.3000e-004	5.3000e-004	0.0000		5.6000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.3842**	**0.0000**	**2.5000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**5.3000e-004**	**5.3000e-004**	**0.0000**	**0.0000**	**5.6000e-004**

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	7/1/2020	12/29/2020	5	130	
2	Site Preparation	Site Preparation	12/30/2020	12/30/2021	5	262	
3	Grading	Grading	10/1/2021	4/1/2022	5	131	
4	Paving	Paving	4/2/2022	8/8/2022	5	91	
5	Rail Construction	Building Construction	8/9/2022	11/28/2022	5	80	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 275

Acres of Paving: 73.83

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	13.00	81	0.73
Demolition	Excavators	3	13.00	158	0.38
Demolition	Rubber Tired Dozers	2	13.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	13.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	13.00	97	0.37
Grading	Excavators	2	13.00	158	0.38
Grading	Graders	1	13.00	187	0.41
Grading	Rubber Tired Dozers	1	13.00	247	0.40
Grading	Scrapers	2	13.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	13.00	97	0.37
Paving	Pavers	4	13.00	130	0.42
Paving	Paving Equipment	4	13.00	132	0.36
Paving	Rollers	4	13.00	80	0.38
Rail Construction	Cranes	0	13.00	231	0.29
Rail Construction	Forklifts	4	13.00	132	0.20
Rail Construction	Generator Sets	0	13.00	84	0.74
Rail Construction	Other Construction Equipment	1	13.00	250	0.42
Rail Construction	Rubber Tired Loaders	2	13.00	140	0.36
Rail Construction	Tractors/Loaders/Backhoes	2	13.00	97	0.37
Rail Construction	Welders	2	13.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	2,748.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	500.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	45,366.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	12	30.00	0.00	960.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Rail Construction	11	1,351.00	0.00	960.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Replace Ground Cover

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Demolition - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.4189	0.0000	4.4189	0.6691	0.0000	0.6691			0.0000			0.0000
Off-Road	5.3822	53.9516	35.3490	0.0631		2.6954	2.6954		2.5055	2.5055		6,090.0205	6,090.0205	1.7192		6,132.9996
Total	**5.3822**	**53.9516**	**35.3490**	**0.0631**	**4.4189**	**2.6954**	**7.1143**	**0.6691**	**2.5055**	**3.1746**		**6,090.0205**	**6,090.0205**	**1.7192**		**6,132.9996**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1373	5.2349	0.8791	0.0162	0.3699	0.0157	0.3857	0.1014	0.0151	0.1165		1,714.3202	1,714.3202	0.1031		1,716.8973

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0819	0.0553	0.5544	1.5300e-003	0.1677	1.1000e-003	0.1688	0.0445	1.0100e-003	0.0455		152.0625	152.0625	4.5400e-003		152.1760
Total	**0.2192**	**5.2902**	**1.4336**	**0.0177**	**0.5376**	**0.0168**	**0.5544**	**0.1459**	**0.0161**	**0.1620**		**1,866.3827**	**1,866.3827**	**0.1076**		**1,869.0732**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					1.8891	0.0000	1.8891	0.2860	0.0000	0.2860			0.0000			0.0000
Off-Road	1.3291	8.1749	37.5501	0.0631		0.4086	0.4086		0.4086	0.4086	0.0000	6,090.0205	6,090.0205	1.7192		6,132.9996
Total	**1.3291**	**8.1749**	**37.5501**	**0.0631**	**1.8891**	**0.4086**	**2.2977**	**0.2860**	**0.4086**	**0.6946**	**0.0000**	**6,090.0205**	**6,090.0205**	**1.7192**		**6,132.9996**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1373	5.2349	0.8791	0.0162	0.3532	0.0157	0.3689	0.0973	0.0151	0.1124		1,714.3202	1,714.3202	0.1031		1,716.8973
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0819	0.0553	0.5544	1.5300e-003	0.1589	1.1000e-003	0.1600	0.0423	1.0100e-003	0.0433		152.0625	152.0625	4.5400e-003		152.1760
Total	**0.2192**	**5.2902**	**1.4336**	**0.0177**	**0.5121**	**0.0168**	**0.5289**	**0.1396**	**0.0161**	**0.1557**		**1,866.3827**	**1,866.3827**	**0.1076**		**1,869.0732**

3.3 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					29.3577	0.0000	29.3577	16.1374	0.0000	16.1374			0.0000			0.0000
Off-Road	6.6243	68.9282	34.9596	0.0618		3.5708	3.5708		3.2851	3.2851		5,988.2900	5,988.2900	1.9367		6,036.7084
Total	**6.6243**	**68.9282**	**34.9596**	**0.0618**	**29.3577**	**3.5708**	**32.9285**	**16.1374**	**3.2851**	**19.4225**		**5,988.2900**	**5,988.2900**	**1.9367**		**6,036.7084**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0124	0.4726	0.0794	1.4600e-003	3.3135	1.4200e-003	3.3149	0.8143	1.3600e-003	0.8156		154.7702	154.7702	9.3100e-003		155.0028
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0983	0.0663	0.6653	1.8300e-003	0.2012	1.3200e-003	0.2025	0.0534	1.2100e-003	0.0546		182.4750	182.4750	5.4500e-003		182.6112
Total	**0.1107**	**0.5390**	**0.7447**	**3.2900e-003**	**3.5147**	**2.7400e-003**	**3.5174**	**0.8676**	**2.5700e-003**	**0.8702**		**337.2451**	**337.2451**	**0.0148**		**337.6140**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					12.5504	0.0000	12.5504	6.8987	0.0000	6.8987			0.0000			0.0000
Off-Road	0.7566	3.2784	33.9121	0.0618		0.1009	0.1009		0.1009	0.1009	0.0000	5,988.2900	5,988.2900	1.9367		6,036.7084
Total	**0.7566**	**3.2784**	**33.9121**	**0.0618**	**12.5504**	**0.1009**	**12.6513**	**6.8987**	**0.1009**	**6.9996**	**0.0000**	**5,988.2900**	**5,988.2900**	**1.9367**		**6,036.7084**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0124	0.4726	0.0794	1.4600e-003	3.1151	1.4200e-003	3.1166	0.7656	1.3600e-003	0.7669		154.7702	154.7702	9.3100e-003		155.0028
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0983	0.0663	0.6653	1.8300e-003	0.1907	1.3200e-003	0.1920	0.0508	1.2100e-003	0.0520		182.4750	182.4750	5.4500e-003		182.6112
Total	**0.1107**	**0.5390**	**0.7447**	**3.2900e-003**	**3.3058**	**2.7400e-003**	**3.3086**	**0.8164**	**2.5700e-003**	**0.8189**		**337.2451**	**337.2451**	**0.0148**		**337.6140**

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					29.3577	0.0000	29.3577	16.1374	0.0000	16.1374			0.0000			0.0000

Off-Road	6.3183	65.8078	34.3757	0.0618		3.3223	3.3223		3.0565	3.0565		5,989.1924	5,989.1924	1.9370		6,037.6181
Total	**6.3183**	**65.8078**	**34.3757**	**0.0618**	**29.3577**	**3.3223**	**32.6799**	**16.1374**	**3.0565**	**19.1938**		**5,989.1924**	**5,989.1924**	**1.9370**		**6,037.6181**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0119	0.4369	0.0770	1.4400e-003	0.0336	1.2500e-003	0.0348	9.2000e-003	1.1900e-003	0.0104		153.3519	153.3519	9.1700e-003		153.5811
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0917	0.0595	0.6112	1.7700e-003	0.2012	1.2900e-003	0.2025	0.0534	1.1900e-003	0.0545		176.6696	176.6696	4.9200e-003		176.7925
Total	**0.1035**	**0.4964**	**0.6882**	**3.2100e-003**	**0.2348**	**2.5400e-003**	**0.2373**	**0.0626**	**2.3800e-003**	**0.0649**		**330.0214**	**330.0214**	**0.0141**		**330.3736**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					12.5504	0.0000	12.5504	6.8987	0.0000	6.8987			0.0000			0.0000
Off-Road	0.7566	3.2784	33.9121	0.0618		0.1009	0.1009		0.1009	0.1009	0.0000	5,989.1924	5,989.1924	1.9370		6,037.6181
Total	**0.7566**	**3.2784**	**33.9121**	**0.0618**	**12.5504**	**0.1009**	**12.6513**	**6.8987**	**0.1009**	**6.9996**	**0.0000**	**5,989.1924**	**5,989.1924**	**1.9370**		**6,037.6181**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0119	0.4369	0.0770	1.4400e-003	0.0321	1.2500e-003	0.0333	8.8300e-003	1.1900e-003	0.0100		153.3519	153.3519	9.1700e-003		153.5811
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0917	0.0595	0.6112	1.7700e-003	0.1907	1.2900e-003	0.1920	0.0508	1.1900e-003	0.0520		176.6696	176.6696	4.9200e-003		176.7925
Total	**0.1035**	**0.4964**	**0.6882**	**3.2100e-003**	**0.2228**	**2.5400e-003**	**0.2253**	**0.0596**	**2.3800e-003**	**0.0620**		**330.0214**	**330.0214**	**0.0141**		**330.3736**

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					12.2001	0.0000	12.2001	5.6480	0.0000	5.6480			0.0000			0.0000
Off-Road	6.8107	75.3997	50.1775	0.1008		3.2262	3.2262		2.9681	2.9681		9,761.4456	9,761.4456	3.1571		9,840.3718
Total	**6.8107**	**75.3997**	**50.1775**	**0.1008**	**12.2001**	**3.2262**	**15.4262**	**5.6480**	**2.9681**	**8.6160**		**9,761.4456**	**9,761.4456**	**3.1571**		**9,840.3718**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e

Category	lb/day										lb/day					
Hauling	2.1507	79.2845	13.9719	0.2620	10.5696	0.2265	10.7961	2.7683	0.2167	2.9851		27,827.8418	27,827.8418	1.6636		27,869.4308
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1018	0.0661	0.6791	1.9700e-003	0.2236	1.4300e-003	0.2250	0.0593	1.3200e-003	0.0606		196.2995	196.2995	5.4600e-003		196.4361
Total	**2.2526**	**79.3505**	**14.6510**	**0.2640**	**10.7931**	**0.2280**	**11.0211**	**2.8276**	**0.2181**	**3.0457**		**28,024.1413**	**28,024.1413**	**1.6690**		**28,065.8670**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					5.2155	0.0000	5.2155	2.4145	0.0000	2.4145			0.0000			0.0000
Off-Road	1.2375	5.3626	53.6236	0.1008		0.1650	0.1650		0.1650	0.1650	0.0000	9,761.4456	9,761.4456	3.1571		9,840.3718
Total	**1.2375**	**5.3626**	**53.6236**	**0.1008**	**5.2155**	**0.1650**	**5.3805**	**2.4145**	**0.1650**	**2.5795**	**0.0000**	**9,761.4456**	**9,761.4456**	**3.1571**		**9,840.3718**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.1507	79.2845	13.9719	0.2620	10.0243	0.2265	10.2508	2.6345	0.2167	2.8512		27,827.8418	27,827.8418	1.6636		27,869.4308
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Worker	0.1018	0.0661	0.6791	1.9700e-003	0.2119	1.4300e-003	0.2133	0.0564	1.3200e-003	0.0577		196.2995	196.2995	5.4600e-003		196.4361
Total	**2.2526**	**79.3505**	**14.6510**	**0.2640**	**10.2362**	**0.2280**	**10.4642**	**2.6909**	**0.2181**	**2.9090**		**28,024.1413**	**28,024.1413**	**1.6690**		**28,065.8670**

3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					12.2001	0.0000	12.2001	5.6480	0.0000	5.6480			0.0000			0.0000
Off-Road	5.8903	63.1206	47.1925	0.1009		2.6567	2.6567		2.4442	2.4442		9,768.5421	9,768.5421	3.1593		9,847.5257
Total	**5.8903**	**63.1206**	**47.1925**	**0.1009**	**12.2001**	**2.6567**	**14.8568**	**5.6480**	**2.4442**	**8.0921**		**9,768.5421**	**9,768.5421**	**3.1593**		**9,847.5257**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.0344	72.5716	13.5205	0.2589	10.7092	0.1879	10.8970	2.8026	0.1797	2.9823		27,510.7210	27,510.7210	1.6245		27,551.3340
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0954	0.0594	0.6228	1.9000e-003	0.2236	1.3900e-003	0.2249	0.0593	1.2800e-003	0.0606		189.2292	189.2292	4.9000e-003		189.3518
Total	**2.1297**	**72.6309**	**14.1433**	**0.2608**	**10.9327**	**0.1893**	**11.1220**	**2.8619**	**0.1810**	**3.0429**		**27,699.9502**	**27,699.9502**	**1.6294**		**27,740.6858**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					5.2155	0.0000	5.2155	2.4145	0.0000	2.4145			0.0000			0.0000
Off-Road	1.2375	5.3626	53.6236	0.1009		0.1650	0.1650		0.1650	0.1650	0.0000	9,768.5421	9,768.5421	3.1593		9,847.5257
Total	**1.2375**	**5.3626**	**53.6236**	**0.1009**	**5.2155**	**0.1650**	**5.3805**	**2.4145**	**0.1650**	**2.5795**	**0.0000**	**9,768.5421**	**9,768.5421**	**3.1593**		**9,847.5257**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.0344	72.5716	13.5205	0.2589	10.1555	0.1879	10.3434	2.6667	0.1797	2.8464		27,510.7210	27,510.7210	1.6245		27,551.3340
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0954	0.0594	0.6228	1.9000e-003	0.2119	1.3900e-003	0.2133	0.0564	1.2800e-003	0.0577		189.2292	189.2292	4.9000e-003		189.3518
Total	**2.1297**	**72.6309**	**14.1433**	**0.2608**	**10.3674**	**0.1893**	**10.5567**	**2.7231**	**0.1810**	**2.9041**		**27,699.9502**	**27,699.9502**	**1.6294**		**27,740.6858**

3.5 Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e

Category	lb/day										lb/day					
Off-Road	3.5842	36.1559	47.3866	0.0741		1.8457	1.8457		1.6980	1.6980		7,174.8960	7,174.8960	2.3205		7,232.9086
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**3.5842**	**36.1559**	**47.3866**	**0.0741**		**1.8457**	**1.8457**		**1.6980**	**1.6980**		**7,174.8960**	**7,174.8960**	**2.3205**		**7,232.9086**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0620	2.2107	0.4119	7.8900e-003	0.1846	5.7200e-003	0.1903	0.0506	5.4800e-003	0.0561		838.0552	838.0552	0.0495		839.2924
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1430	0.0891	0.9343	2.8500e-003	0.3353	2.0800e-003	0.3374	0.0889	1.9200e-003	0.0909		283.8438	283.8438	7.3600e-003		284.0277
Total	**0.2050**	**2.2998**	**1.3461**	**0.0107**	**0.5199**	**7.8000e-003**	**0.5277**	**0.1395**	**7.4000e-003**	**0.1469**		**1,121.8990**	**1,121.8990**	**0.0569**		**1,123.3201**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9115	3.9500	56.2109	0.0741		0.1215	0.1215		0.1215	0.1215	0.0000	7,174.8960	7,174.8960	2.3205		7,232.9086
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Total	**0.9115**	**3.9500**	**56.2109**	**0.0741**		**0.1215**	**0.1215**		**0.1215**	**0.1215**	**0.0000**	**7,174.8960**	**7,174.8960**	**2.3205**		**7,232.9086**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0620	2.2107	0.4119	7.8900e-003	0.1762	5.7200e-003	0.1820	0.0486	5.4800e-003	0.0540		838.0552	838.0552	0.0495		839.2924
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1430	0.0891	0.9343	2.8500e-003	0.3178	2.0800e-003	0.3199	0.0846	1.9200e-003	0.0866		283.8438	283.8438	7.3600e-003		284.0277
Total	**0.2050**	**2.2998**	**1.3461**	**0.0107**	**0.4941**	**7.8000e-003**	**0.5019**	**0.1332**	**7.4000e-003**	**0.1406**		**1,121.8990**	**1,121.8990**	**0.0569**		**1,123.3201**

3.6 Rail Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1113	24.9801	32.0015	0.0472		1.2935	1.2935		1.2067	1.2067		4,442.6412	4,442.6412	1.2994		4,475.1272
Total	**3.1113**	**24.9801**	**32.0015**	**0.0472**		**1.2935**	**1.2935**		**1.2067**	**1.2067**		**4,442.6412**	**4,442.6412**	**1.2994**		**4,475.1272**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0705	2.5147	0.4685	8.9700e-003	0.2100	6.5100e-003	0.2165	0.0576	6.2300e-003	0.0638		953.2878	953.2878	0.0563		954.6951
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	6.4410	4.0107	42.0727	0.1283	15.1010	0.0938	15.1948	4.0049	0.0863	4.0912		12,782.4323	12,782.4323	0.3313		12,790.7140
Total	**6.5114**	**6.5254**	**42.5412**	**0.1372**	**15.3110**	**0.1003**	**15.4113**	**4.0624**	**0.0926**	**4.1550**		**13,735.7201**	**13,735.7201**	**0.3876**		**13,745.4091**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3778	6.8273	35.0103	0.0472		0.2714	0.2714		0.2714	0.2714	0.0000	4,442.6412	4,442.6412	1.2994		4,475.1272
Total	**1.3778**	**6.8273**	**35.0103**	**0.0472**		**0.2714**	**0.2714**		**0.2714**	**0.2714**	**0.0000**	**4,442.6412**	**4,442.6412**	**1.2994**		**4,475.1272**

Mitigated Construction Off-Site

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

Hauling	0.0705	2.5147	0.4685	8.9700e-003	0.2005	6.5100e-003	0.2070	0.0552	6.2300e-003	0.0615		953.2878	953.2878	0.0563		954.6951
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	6.4410	4.0107	42.0727	0.1283	14.3133	0.0938	14.4071	3.8115	0.0863	3.8978		12,782.4323	12,782.4323	0.3313		12,790.7140
Total	**6.5114**	**6.5254**	**42.5412**	**0.1372**	**14.5138**	**0.1003**	**14.6141**	**3.8668**	**0.0926**	**3.9593**		**13,735.7201**	**13,735.7201**	**0.3876**		**13,745.4091**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Total					

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Non-Asphalt Surfaces	0.549952	0.037123	0.179649	0.119457	0.017229	0.005267	0.017877	0.062669	0.001348	0.001607	0.006000	0.000812	0.001010

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					

Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.3842	0.0000	2.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		5.3000e-004	5.3000e-004	0.0000		5.6000e-004
Unmitigated	1.3842	0.0000	2.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		5.3000e-004	5.3000e-004	0.0000		5.6000e-004

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2450					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.1391					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Landscaping	2.0000e-005	0.0000	2.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		5.3000e-004	5.3000e-004	0.0000		5.6000e-004
Total	**1.3842**	**0.0000**	**2.5000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**5.3000e-004**	**5.3000e-004**	**0.0000**		**5.6000e-004**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2450					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.1391					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.0000e-005	0.0000	2.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		5.3000e-004	5.3000e-004	0.0000		5.6000e-004
Total	**1.3842**	**0.0000**	**2.5000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**5.3000e-004**	**5.3000e-004**	**0.0000**		**5.6000e-004**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

BNSF Ono Realignment

San Bernardino-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Non-Asphalt Surfaces	2.40		73.83	3,216,034.80	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	32
Climate Zone	10			**Operational Year**	2021
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - anticipated land use (user defined unit is miles of rail), acreage of existing BNSF ROW and property takes

Construction Phase - anticipated construction schedule

Off-road Equipment - anticipated hours per day of construction

Off-road Equipment - anticipated hours per day of construction

Off-road Equipment - anticipated construction equipment; anticipated hours per day of construction

Off-road Equipment - anticipated construction equipment (swingloaders, offroad forklift, welder, rail tamper); anticipated hours per day of construction

Off-road Equipment - anticipated hours per day of construction

Trips and VMT - anticipated trips; rail construction and paving trips consistent with haul trip assumptions

Demolition -

Grading - anticipated earthwork

Construction Off-road Equipment Mitigation - Mitigation per Rule 403

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	6
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

tblConstructionPhase	NumDays	1,110.00	80.00
tblConstructionPhase	NumDays	70.00	130.00
tblConstructionPhase	NumDays	110.00	131.00
tblConstructionPhase	NumDays	75.00	91.00
tblConstructionPhase	NumDays	40.00	262.00
tblGrading	AcresOfGrading	532.19	275.00
tblGrading	MaterialExported	0.00	184,300.00
tblGrading	MaterialImported	0.00	33,400.00
tblOffRoadEquipment	HorsePower	89.00	132.00
tblOffRoadEquipment	HorsePower	172.00	250.00
tblOffRoadEquipment	HorsePower	203.00	140.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	UsageHours	8.00	13.00
tblOffRoadEquipment	UsageHours	7.00	13.00
tblOffRoadEquipment	UsageHours	8.00	13.00
tblOffRoadEquipment	UsageHours	8.00	13.00
tblOffRoadEquipment	UsageHours	8.00	13.00
tblOffRoadEquipment	UsageHours	8.00	13.00
tblOffRoadEquipment	UsageHours	8.00	13.00
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tblOffRoadEquipment	UsageHours	8.00	13.00
tblOffRoadEquipment	UsageHours	8.00	13.00

tblOffRoadEquipment	UsageHours	8.00	13.00
tblOffRoadEquipment	UsageHours	8.00	13.00
tblOffRoadEquipment	UsageHours	8.00	13.00
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tblOffRoadEquipment	UsageHours	8.00	13.00
tblOffRoadEquipment	UsageHours	8.00	13.00
tblOffRoadEquipment	UsageHours	8.00	13.00
tblTripsAndVMT	HaulingTripNumber	2,654.00	2,748.00
tblTripsAndVMT	HaulingTripNumber	0.00	500.00
tblTripsAndVMT	HaulingTripNumber	27,213.00	45,366.00
tblTripsAndVMT	HaulingTripNumber	0.00	960.00
tblTripsAndVMT	HaulingTripNumber	0.00	960.00
tblTripsAndVMT	VendorTripNumber	527.00	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	6.7344	69.4613	36.7920	0.0814	32.8723	3.5735	36.4458	17.0050	3.2877	20.2927	0.0000	8,019.7499	8,019.7499	1.9515	0.0000	8,065.2332
2021	15.3911	220.7497	98.4275	0.4373	52.5856	6.7758	59.3615	24.6755	6.2420	30.9175	0.0000	44,900.6272	44,900.6272	6.6462	0.0000	45,066.7821
2022	9.5891	135.6237	83.7916	0.3690	23.1328	2.8432	25.9760	8.5098	2.6226	11.1324	0.0000	38,238.7085	38,238.7085	4.6603	0.0000	38,355.2146
Maximum	**15.3911**	**220.7497**	**98.4275**	**0.4373**	**52.5856**	**6.7758**	**59.3615**	**24.6755**	**6.2420**	**30.9175**	**0.0000**	**44,900.6272**	**44,900.6272**	**6.6462**	**0.0000**	**45,066.7821**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	1.5423	13.4346	38.9931	0.0814	15.8562	0.4252	15.9598	7.7151	0.4245	7.8185	0.0000	8,019.7499	8,019.7499	1.9515	0.0000	8,065.2332
2021	4.2562	88.1832	101.4101	0.4373	28.2249	0.4933	28.7182	12.0638	0.4833	12.5471	0.0000	44,900.6272	44,900.6272	6.6462	0.0000	45,066.7820
2022	7.8556	77.8656	86.8005	0.3690	15.5830	0.3716	15.9345	5.1376	0.3639	5.4810	0.0000	38,238.7085	38,238.7085	4.6603	0.0000	38,355.2146
Maximum	**7.8556**	**88.1832**	**101.4101**	**0.4373**	**28.2249**	**0.4933**	**28.7182**	**12.0638**	**0.4833**	**12.5471**	**0.0000**	**44,900.6272**	**44,900.6272**	**6.6462**	**0.0000**	**45,066.7820**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**56.95**	**57.85**	**-3.74**	**0.00**	**45.06**	**90.22**	**50.23**	**50.36**	**89.54**	**58.54**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.3842	0.0000	2.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		5.3000e-004	5.3000e-004	0.0000		5.6000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.3842**	**0.0000**	**2.5000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**5.3000e-004**	**5.3000e-004**	**0.0000**	**0.0000**	**5.6000e-004**

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	1.3842	0.0000	2.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		5.3000e-004	5.3000e-004	0.0000		5.6000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.3842**	**0.0000**	**2.5000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**5.3000e-004**	**5.3000e-004**	**0.0000**	**0.0000**	**5.6000e-004**

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	7/1/2020	12/29/2020	5	130	
2	Site Preparation	Site Preparation	12/30/2020	12/30/2021	5	262	
3	Grading	Grading	10/1/2021	4/1/2022	5	131	
4	Paving	Paving	4/2/2022	8/8/2022	5	91	
5	Rail Construction	Building Construction	8/9/2022	11/28/2022	5	80	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 275

Acres of Paving: 73.83

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	13.00	81	0.73
Demolition	Excavators	3	13.00	158	0.38
Demolition	Rubber Tired Dozers	2	13.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	13.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	13.00	97	0.37
Grading	Excavators	2	13.00	158	0.38
Grading	Graders	1	13.00	187	0.41
Grading	Rubber Tired Dozers	1	13.00	247	0.40
Grading	Scrapers	2	13.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	13.00	97	0.37
Paving	Pavers	4	13.00	130	0.42
Paving	Paving Equipment	4	13.00	132	0.36
Paving	Rollers	4	13.00	80	0.38
Rail Construction	Cranes	0	13.00	231	0.29
Rail Construction	Forklifts	4	13.00	132	0.20
Rail Construction	Generator Sets	0	13.00	84	0.74
Rail Construction	Other Construction Equipment	1	13.00	250	0.42
Rail Construction	Rubber Tired Loaders	2	13.00	140	0.36
Rail Construction	Tractors/Loaders/Backhoes	2	13.00	97	0.37
Rail Construction	Welders	2	13.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	2,748.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	500.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	45,366.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	12	30.00	0.00	960.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Rail Construction	11	1,351.00	0.00	960.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Replace Ground Cover

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Demolition - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.4189	0.0000	4.4189	0.6691	0.0000	0.6691			0.0000			0.0000
Off-Road	5.3822	53.9516	35.3490	0.0631		2.6954	2.6954		2.5055	2.5055		6,090.0205	6,090.0205	1.7192		6,132.9996
Total	**5.3822**	**53.9516**	**35.3490**	**0.0631**	**4.4189**	**2.6954**	**7.1143**	**0.6691**	**2.5055**	**3.1746**		**6,090.0205**	**6,090.0205**	**1.7192**		**6,132.9996**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1313	5.2072	0.7684	0.0166	0.3699	0.0155	0.3855	0.1014	0.0148	0.1163		1,760.2168	1,760.2168	0.0950		1,762.5916

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0819	0.0525	0.6746	1.7000e-003	0.1677	1.1000e-003	0.1688	0.0445	1.0100e-003	0.0455		169.5126	169.5126	5.1700e-003		169.6420
Total	**0.2132**	**5.2598**	**1.4430**	**0.0183**	**0.5376**	**0.0166**	**0.5542**	**0.1459**	**0.0159**	**0.1618**		**1,929.7294**	**1,929.7294**	**0.1002**		**1,932.2336**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					1.8891	0.0000	1.8891	0.2860	0.0000	0.2860			0.0000			0.0000
Off-Road	1.3291	8.1749	37.5501	0.0631		0.4086	0.4086		0.4086	0.4086	0.0000	6,090.0205	6,090.0205	1.7192		6,132.9996
Total	**1.3291**	**8.1749**	**37.5501**	**0.0631**	**1.8891**	**0.4086**	**2.2977**	**0.2860**	**0.4086**	**0.6946**	**0.0000**	**6,090.0205**	**6,090.0205**	**1.7192**		**6,132.9996**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1313	5.2072	0.7684	0.0166	0.3532	0.0155	0.3687	0.0973	0.0148	0.1122		1,760.2168	1,760.2168	0.0950		1,762.5916
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0819	0.0525	0.6746	1.7000e-003	0.1589	1.1000e-003	0.1600	0.0423	1.0100e-003	0.0433		169.5126	169.5126	5.1700e-003		169.6420
Total	**0.2132**	**5.2598**	**1.4430**	**0.0183**	**0.5121**	**0.0166**	**0.5287**	**0.1396**	**0.0159**	**0.1555**		**1,929.7294**	**1,929.7294**	**0.1002**		**1,932.2336**

3.3 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					29.3577	0.0000	29.3577	16.1374	0.0000	16.1374			0.0000			0.0000
Off-Road	6.6243	68.9282	34.9596	0.0618		3.5708	3.5708		3.2851	3.2851		5,988.2900	5,988.2900	1.9367		6,036.7084
Total	**6.6243**	**68.9282**	**34.9596**	**0.0618**	**29.3577**	**3.5708**	**32.9285**	**16.1374**	**3.2851**	**19.4225**		**5,988.2900**	**5,988.2900**	**1.9367**		**6,036.7084**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0119	0.4701	0.0694	1.5000e-003	3.3135	1.4000e-003	3.3149	0.8143	1.3400e-003	0.8156		158.9138	158.9138	8.5800e-003		159.1282
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0982	0.0631	0.8095	2.0400e-003	0.2012	1.3200e-003	0.2025	0.0534	1.2100e-003	0.0546		203.4151	203.4151	6.2100e-003		203.5704
Total	**0.1101**	**0.5332**	**0.8789**	**3.5400e-003**	**3.5147**	**2.7200e-003**	**3.5174**	**0.8676**	**2.5500e-003**	**0.8702**		**362.3289**	**362.3289**	**0.0148**		**362.6986**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					12.5504	0.0000	12.5504	6.8987	0.0000	6.8987			0.0000			0.0000
Off-Road	0.7566	3.2784	33.9121	0.0618		0.1009	0.1009		0.1009	0.1009	0.0000	5,988.2900	5,988.2900	1.9367		6,036.7084
Total	**0.7566**	**3.2784**	**33.9121**	**0.0618**	**12.5504**	**0.1009**	**12.6513**	**6.8987**	**0.1009**	**6.9996**	**0.0000**	**5,988.2900**	**5,988.2900**	**1.9367**		**6,036.7084**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0119	0.4701	0.0694	1.5000e-003	3.1151	1.4000e-003	3.1165	0.7656	1.3400e-003	0.7669		158.9138	158.9138	8.5800e-003		159.1282
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0982	0.0631	0.8095	2.0400e-003	0.1907	1.3200e-003	0.1920	0.0508	1.2100e-003	0.0520		203.4151	203.4151	6.2100e-003		203.5704
Total	**0.1101**	**0.5332**	**0.8789**	**3.5400e-003**	**3.3058**	**2.7200e-003**	**3.3086**	**0.8164**	**2.5500e-003**	**0.8189**		**362.3289**	**362.3289**	**0.0148**		**362.6986**

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					29.3577	0.0000	29.3577	16.1374	0.0000	16.1374			0.0000			0.0000

Off-Road	6.3183	65.8078	34.3757	0.0618		3.3223	3.3223		3.0565	3.0565		5,989.1924	5,989.1924	1.9370		6,037.6181
Total	**6.3183**	**65.8078**	**34.3757**	**0.0618**	**29.3577**	**3.3223**	**32.6799**	**16.1374**	**3.0565**	**19.1938**		**5,989.1924**	**5,989.1924**	**1.9370**		**6,037.6181**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0113	0.4353	0.0674	1.4800e-003	0.0336	1.2300e-003	0.0348	9.2000e-003	1.1800e-003	0.0104		157.4790	157.4790	8.4400e-003		157.6900
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0915	0.0565	0.7452	1.9800e-003	0.2012	1.2900e-003	0.2025	0.0534	1.1900e-003	0.0545		196.9345	196.9345	5.6000e-003		197.0746
Total	**0.1028**	**0.4918**	**0.8126**	**3.4600e-003**	**0.2348**	**2.5200e-003**	**0.2373**	**0.0626**	**2.3700e-003**	**0.0649**		**354.4134**	**354.4134**	**0.0140**		**354.7646**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					12.5504	0.0000	12.5504	6.8987	0.0000	6.8987			0.0000			0.0000
Off-Road	0.7566	3.2784	33.9121	0.0618		0.1009	0.1009		0.1009	0.1009	0.0000	5,989.1924	5,989.1924	1.9370		6,037.6181
Total	**0.7566**	**3.2784**	**33.9121**	**0.0618**	**12.5504**	**0.1009**	**12.6513**	**6.8987**	**0.1009**	**6.9996**	**0.0000**	**5,989.1924**	**5,989.1924**	**1.9370**		**6,037.6181**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0113	0.4353	0.0674	1.4800e-003	0.0321	1.2300e-003	0.0333	8.8300e-003	1.1800e-003	0.0100		157.4790	157.4790	8.4400e-003		157.6900
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0915	0.0565	0.7452	1.9800e-003	0.1907	1.2900e-003	0.1920	0.0508	1.1900e-003	0.0520		196.9345	196.9345	5.6000e-003		197.0746
Total	**0.1028**	**0.4918**	**0.8126**	**3.4600e-003**	**0.2228**	**2.5200e-003**	**0.2253**	**0.0596**	**2.3700e-003**	**0.0620**		**354.4134**	**354.4134**	**0.0140**		**354.7646**

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					12.2001	0.0000	12.2001	5.6480	0.0000	5.6480			0.0000			0.0000
Off-Road	6.8107	75.3997	50.1775	0.1008		3.2262	3.2262		2.9681	2.9681		9,761.4456	9,761.4456	3.1571		9,840.3718
Total	**6.8107**	**75.3997**	**50.1775**	**0.1008**	**12.2001**	**3.2262**	**15.4262**	**5.6480**	**2.9681**	**8.6160**		**9,761.4456**	**9,761.4456**	**3.1571**		**9,840.3718**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e

Category	lb/day										lb/day					
Hauling	2.0577	78.9876	12.2338	0.2691	10.5696	0.2235	10.7930	2.7683	0.2138	2.9821		28,576.7597	28,576.7597	1.5318		28,615.0557
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1016	0.0628	0.8280	2.2000e-003	0.2236	1.4300e-003	0.2250	0.0593	1.3200e-003	0.0606		218.8161	218.8161	6.2300e-003		218.9718
Total	**2.1594**	**79.0504**	**13.0618**	**0.2713**	**10.7931**	**0.2249**	**11.0180**	**2.8276**	**0.2151**	**3.0427**		**28,795.5758**	**28,795.5758**	**1.5381**		**28,834.0275**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					5.2155	0.0000	5.2155	2.4145	0.0000	2.4145			0.0000			0.0000
Off-Road	1.2375	5.3626	53.6236	0.1008		0.1650	0.1650		0.1650	0.1650	0.0000	9,761.4456	9,761.4456	3.1571		9,840.3718
Total	**1.2375**	**5.3626**	**53.6236**	**0.1008**	**5.2155**	**0.1650**	**5.3805**	**2.4145**	**0.1650**	**2.5795**	**0.0000**	**9,761.4456**	**9,761.4456**	**3.1571**		**9,840.3718**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.0577	78.9876	12.2338	0.2691	10.0243	0.2235	10.2478	2.6345	0.2138	2.8483		28,576.7597	28,576.7597	1.5318		28,615.0557
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Worker	0.1016	0.0628	0.8280	2.2000e-003	0.2119	1.4300e-003	0.2133	0.0564	1.3200e-003	0.0577		218.8161	218.8161	6.2300e-003		218.9718
Total	**2.1594**	**79.0504**	**13.0618**	**0.2713**	**10.2362**	**0.2249**	**10.4611**	**2.6909**	**0.2151**	**2.9060**		**28,795.5758**	**28,795.5758**	**1.5381**		**28,834.0275**

3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					12.2001	0.0000	12.2001	5.6480	0.0000	5.6480			0.0000			0.0000
Off-Road	5.8903	63.1206	47.1925	0.1009		2.6567	2.6567		2.4442	2.4442		9,768.5421	9,768.5421	3.1593		9,847.5257
Total	**5.8903**	**63.1206**	**47.1925**	**0.1009**	**12.2001**	**2.6567**	**14.8568**	**5.6480**	**2.4442**	**8.0921**		**9,768.5421**	**9,768.5421**	**3.1593**		**9,847.5257**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.9453	72.4466	11.8608	0.2660	10.7092	0.1851	10.8943	2.8026	0.1771	2.9797		28,259.2459	28,259.2459	1.4953		28,296.6288
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0949	0.0565	0.7606	2.1200e-003	0.2236	1.3900e-003	0.2249	0.0593	1.2800e-003	0.0606		210.9205	210.9205	5.5900e-003		211.0601
Total	**2.0402**	**72.5031**	**12.6214**	**0.2681**	**10.9327**	**0.1865**	**11.1193**	**2.8619**	**0.1784**	**3.0403**		**28,470.1663**	**28,470.1663**	**1.5009**		**28,507.6889**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					5.2155	0.0000	5.2155	2.4145	0.0000	2.4145			0.0000			0.0000
Off-Road	1.2375	5.3626	53.6236	0.1009		0.1650	0.1650		0.1650	0.1650	0.0000	9,768.5421	9,768.5421	3.1593		9,847.5257
Total	**1.2375**	**5.3626**	**53.6236**	**0.1009**	**5.2155**	**0.1650**	**5.3805**	**2.4145**	**0.1650**	**2.5795**	**0.0000**	**9,768.5421**	**9,768.5421**	**3.1593**		**9,847.5257**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.9453	72.4466	11.8608	0.2660	10.1555	0.1851	10.3407	2.6667	0.1771	2.8438		28,259.2459	28,259.2459	1.4953		28,296.6288
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0949	0.0565	0.7606	2.1200e-003	0.2119	1.3900e-003	0.2133	0.0564	1.2800e-003	0.0577		210.9205	210.9205	5.5900e-003		211.0601
Total	**2.0402**	**72.5031**	**12.6214**	**0.2681**	**10.3674**	**0.1865**	**10.5539**	**2.7231**	**0.1784**	**2.9015**		**28,470.1663**	**28,470.1663**	**1.5009**		**28,507.6889**

3.5 Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e

Category	lb/day										lb/day					
Off-Road	3.5842	36.1559	47.3866	0.0741		1.8457	1.8457		1.6980	1.6980		7,174.8960	7,174.8960	2.3205		7,232.9086
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**3.5842**	**36.1559**	**47.3866**	**0.0741**		**1.8457**	**1.8457**		**1.6980**	**1.6980**		**7,174.8960**	**7,174.8960**	**2.3205**		**7,232.9086**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0593	2.2069	0.3613	8.1000e-003	0.1846	5.6400e-003	0.1903	0.0506	5.4000e-003	0.0560		860.8574	860.8574	0.0456		861.9962
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1424	0.0847	1.1409	3.1800e-003	0.3353	2.0800e-003	0.3374	0.0889	1.9200e-003	0.0909		316.3807	316.3807	8.3800e-003		316.5902
Total	**0.2016**	**2.2916**	**1.5022**	**0.0113**	**0.5199**	**7.7200e-003**	**0.5277**	**0.1395**	**7.3200e-003**	**0.1469**		**1,177.2381**	**1,177.2381**	**0.0539**		**1,178.5864**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9115	3.9500	56.2109	0.0741		0.1215	0.1215		0.1215	0.1215	0.0000	7,174.8960	7,174.8960	2.3205		7,232.9086
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Total	**0.9115**	**3.9500**	**56.2109**	**0.0741**		**0.1215**	**0.1215**		**0.1215**	**0.1215**	**0.0000**	**7,174.8960**	**7,174.8960**	**2.3205**		**7,232.9086**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0593	2.2069	0.3613	8.1000e-003	0.1762	5.6400e-003	0.1819	0.0486	5.4000e-003	0.0540		860.8574	860.8574	0.0456		861.9962
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1424	0.0847	1.1409	3.1800e-003	0.3178	2.0800e-003	0.3199	0.0846	1.9200e-003	0.0866		316.3807	316.3807	8.3800e-003		316.5902
Total	**0.2016**	**2.2916**	**1.5022**	**0.0113**	**0.4941**	**7.7200e-003**	**0.5018**	**0.1332**	**7.3200e-003**	**0.1405**		**1,177.2381**	**1,177.2381**	**0.0539**		**1,178.5864**

3.6 Rail Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1113	24.9801	32.0015	0.0472		1.2935	1.2935		1.2067	1.2067		4,442.6412	4,442.6412	1.2994		4,475.1272
Total	**3.1113**	**24.9801**	**32.0015**	**0.0472**		**1.2935**	**1.2935**		**1.2067**	**1.2067**		**4,442.6412**	**4,442.6412**	**1.2994**		**4,475.1272**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0674	2.5104	0.4110	9.2200e-003	0.2100	6.4200e-003	0.2164	0.0576	6.1400e-003	0.0637		979.2253	979.2253	0.0518		980.5207
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	6.4104	3.8149	51.3792	0.1430	15.1010	0.0938	15.1948	4.0049	0.0863	4.0912		14,247.6787	14,247.6787	0.3773		14,257.1123
Total	**6.4778**	**6.3253**	**51.7902**	**0.1523**	**15.3110**	**0.1002**	**15.4112**	**4.0624**	**0.0925**	**4.1549**		**15,226.9040**	**15,226.9040**	**0.4292**		**15,237.6329**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3778	6.8273	35.0103	0.0472		0.2714	0.2714		0.2714	0.2714	0.0000	4,442.6412	4,442.6412	1.2994		4,475.1272
Total	**1.3778**	**6.8273**	**35.0103**	**0.0472**		**0.2714**	**0.2714**		**0.2714**	**0.2714**	**0.0000**	**4,442.6412**	**4,442.6412**	**1.2994**		**4,475.1272**

Mitigated Construction Off-Site

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

Hauling	0.0674	2.5104	0.4110	9.2200e-003	0.2005	6.4200e-003	0.2069	0.0552	6.1400e-003	0.0614		979.2253	979.2253	0.0518		980.5207
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	6.4104	3.8149	51.3792	0.1430	14.3133	0.0938	14.4071	3.8115	0.0863	3.8978		14,247.6787	14,247.6787	0.3773		14,257.1123
Total	**6.4778**	**6.3253**	**51.7902**	**0.1523**	**14.5138**	**0.1002**	**14.6140**	**3.8668**	**0.0925**	**3.9592**		**15,226.9040**	**15,226.9040**	**0.4292**		**15,237.6329**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Total					

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Non-Asphalt Surfaces	0.549952	0.037123	0.179649	0.119457	0.017229	0.005267	0.017877	0.062669	0.001348	0.001607	0.006000	0.000812	0.001010

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					

Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.3842	0.0000	2.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		5.3000e-004	5.3000e-004	0.0000		5.6000e-004
Unmitigated	1.3842	0.0000	2.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		5.3000e-004	5.3000e-004	0.0000		5.6000e-004

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2450					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.1391					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Landscaping	2.0000e-005	0.0000	2.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		5.3000e-004	5.3000e-004	0.0000		5.6000e-004
Total	**1.3842**	**0.0000**	**2.5000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**5.3000e-004**	**5.3000e-004**	**0.0000**		**5.6000e-004**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2450					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.1391					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.0000e-005	0.0000	2.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		5.3000e-004	5.3000e-004	0.0000		5.6000e-004
Total	**1.3842**	**0.0000**	**2.5000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**5.3000e-004**	**5.3000e-004**	**0.0000**		**5.6000e-004**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

BNSF Ono Realignment

San Bernardino-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Non-Asphalt Surfaces	2.40		73.83	3,216,034.80	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	32
Climate Zone	10			**Operational Year**	2021
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - anticipated land use (user defined unit is miles of rail), acreage of existing BNSF ROW and property takes

Construction Phase - anticipated construction schedule

Off-road Equipment - anticipated hours per day of construction

Off-road Equipment - anticipated hours per day of construction

Off-road Equipment - anticipated construction equipment; anticipated hours per day of construction

Off-road Equipment - anticipated construction equipment (swingloaders, offroad forklift, welder, rail tamper); anticipated hours per day of construction

Off-road Equipment - anticipated hours per day of construction

Trips and VMT - anticipated trips; rail construction and paving trips consistent with haul trip assumptions

Demolition -

Grading - anticipated earthwork

Construction Off-road Equipment Mitigation - Mitigation per Rule 403

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	6
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
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tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

tblConstructionPhase	NumDays	1,110.00	80.00
tblConstructionPhase	NumDays	70.00	130.00
tblConstructionPhase	NumDays	110.00	131.00
tblConstructionPhase	NumDays	75.00	91.00
tblConstructionPhase	NumDays	40.00	262.00
tblGrading	AcresOfGrading	532.19	275.00
tblGrading	MaterialExported	0.00	184,300.00
tblGrading	MaterialImported	0.00	33,400.00
tblOffRoadEquipment	HorsePower	89.00	132.00
tblOffRoadEquipment	HorsePower	172.00	250.00
tblOffRoadEquipment	HorsePower	203.00	140.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	UsageHours	8.00	13.00
tblOffRoadEquipment	UsageHours	7.00	13.00
tblOffRoadEquipment	UsageHours	8.00	13.00
tblOffRoadEquipment	UsageHours	8.00	13.00
tblOffRoadEquipment	UsageHours	8.00	13.00
tblOffRoadEquipment	UsageHours	8.00	13.00
tblOffRoadEquipment	UsageHours	8.00	13.00
tblOffRoadEquipment	UsageHours	8.00	13.00
tblOffRoadEquipment	UsageHours	8.00	13.00
tblOffRoadEquipment	UsageHours	8.00	13.00
tblOffRoadEquipment	UsageHours	8.00	13.00

tblOffRoadEquipment	UsageHours	8.00	13.00
tblOffRoadEquipment	UsageHours	8.00	13.00
tblOffRoadEquipment	UsageHours	8.00	13.00
tblOffRoadEquipment	UsageHours	7.00	13.00
tblOffRoadEquipment	UsageHours	8.00	13.00
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tblOffRoadEquipment	UsageHours	8.00	13.00
tblTripsAndVMT	HaulingTripNumber	2,654.00	2,748.00
tblTripsAndVMT	HaulingTripNumber	0.00	500.00
tblTripsAndVMT	HaulingTripNumber	27,213.00	45,366.00
tblTripsAndVMT	HaulingTripNumber	0.00	960.00
tblTripsAndVMT	HaulingTripNumber	0.00	960.00
tblTripsAndVMT	VendorTripNumber	527.00	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.3701	3.9272	2.4244	5.3300e-003	0.3544	0.1799	0.5342	0.0698	0.1672	0.2370	0.0000	476.6758	476.6758	0.1092	0.0000	479.4066
2021	1.1307	13.7804	6.6699	0.0206	4.6770	0.5462	5.2231	2.3926	0.5027	2.8954	0.0000	1,890.3122	1,890.3122	0.3724	0.0000	1,899.6209
2022	0.7902	7.4823	7.2457	0.0233	1.4488	0.2325	1.6813	0.4497	0.2148	0.6645	0.0000	2,131.2355	2,131.2355	0.2986	0.0000	2,138.6993
Maximum	**1.1307**	**13.7804**	**7.2457**	**0.0233**	**4.6770**	**0.5462**	**5.2231**	**2.3926**	**0.5027**	**2.8954**	**0.0000**	**2,131.2355**	**2,131.2355**	**0.3724**	**0.0000**	**2,138.6993**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.1008	0.8861	2.5664	5.3300e-003	0.1713	0.0278	0.1990	0.0352	0.0277	0.0629	0.0000	476.6754	476.6754	0.1092	0.0000	479.4062
2021	0.2237	3.3404	6.7234	0.0206	2.1971	0.0264	2.2235	1.0751	0.0260	1.1011	0.0000	1,890.3110	1,890.3110	0.3724	0.0000	1,899.6197
2022	0.4480	3.4137	7.9766	0.0233	1.1259	0.0322	1.1581	0.3272	0.0316	0.3588	0.0000	2,131.2346	2,131.2346	0.2986	0.0000	2,138.6984
Maximum	**0.4480**	**3.4137**	**7.9766**	**0.0233**	**2.1971**	**0.0322**	**2.2235**	**1.0751**	**0.0316**	**1.1011**	**0.0000**	**2,131.2346**	**2,131.2346**	**0.3724**	**0.0000**	**2,138.6984**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**66.28**	**69.67**	**-5.67**	**0.00**	**46.08**	**91.00**	**51.87**	**50.64**	**90.36**	**59.89**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
2	**5-12-2020**	**8-11-2020**	0.9721	0.2247
3	**8-12-2020**	**11-11-2020**	2.1299	0.4926
4	**11-12-2020**	**2-11-2021**	2.2569	0.3302
5	**2-12-2021**	**5-11-2021**	2.3116	0.1472
6	**5-12-2021**	**8-11-2021**	2.3894	0.1521
7	**8-12-2021**	**11-11-2021**	4.8467	1.4752
8	**11-12-2021**	**2-11-2022**	6.3545	2.8766
9	**2-12-2022**	**5-11-2022**	3.1193	1.5288
10	**5-12-2022**	**8-11-2022**	1.3862	0.2563
11	**8-12-2022**	**9-30-2022**	0.7303	0.3751
		Highest	6.3545	2.8766

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	0.2526	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.0000e-005	6.0000e-005	0.0000	0.0000	6.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.2526**	**0.0000**	**3.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**6.0000e-005**	**6.0000e-005**	**0.0000**	**0.0000**	**6.0000e-005**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.2526	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.0000e-005	6.0000e-005	0.0000	0.0000	6.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.2526**	**0.0000**	**3.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**6.0000e-005**	**6.0000e-005**	**0.0000**	**0.0000**	**6.0000e-005**

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	7/1/2020	12/29/2020	5	130	
2	Site Preparation	Site Preparation	12/30/2020	12/30/2021	5	262	
3	Grading	Grading	10/1/2021	4/1/2022	5	131	
4	Paving	Paving	4/2/2022	8/8/2022	5	91	
5	Rail Construction	Building Construction	8/9/2022	11/28/2022	5	80	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 275

Acres of Paving: 73.83

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	13.00	81	0.73
Demolition	Excavators	3	13.00	158	0.38
Demolition	Rubber Tired Dozers	2	13.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	13.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	13.00	97	0.37
Grading	Excavators	2	13.00	158	0.38
Grading	Graders	1	13.00	187	0.41
Grading	Rubber Tired Dozers	1	13.00	247	0.40
Grading	Scrapers	2	13.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	13.00	97	0.37
Paving	Pavers	4	13.00	130	0.42
Paving	Paving Equipment	4	13.00	132	0.36
Paving	Rollers	4	13.00	80	0.38
Rail Construction	Cranes	0	13.00	231	0.29
Rail Construction	Forklifts	4	13.00	132	0.20

Rail Construction	Generator Sets	0	13.00	84	0.74
Rail Construction	Other Construction Equipment	1	13.00	250	0.42
Rail Construction	Rubber Tired Loaders	2	13.00	140	0.36
Rail Construction	Tractors/Loaders/Backhoes	2	13.00	97	0.37
Rail Construction	Welders	2	13.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	2,748.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	500.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	45,366.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	12	30.00	0.00	960.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Rail Construction	11	1,351.00	0.00	960.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Replace Ground Cover

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Demolition - 2020

Unmitigated Construction On-Site

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

Fugitive Dust					0.2872	0.0000	0.2872	0.0435	0.0000	0.0435	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3498	3.5069	2.2977	4.1000e-003		0.1752	0.1752		0.1629	0.1629	0.0000	359.1103	359.1103	0.1014	0.0000	361.6446
Total	**0.3498**	**3.5069**	**2.2977**	**4.1000e-003**	**0.2872**	**0.1752**	**0.4624**	**0.0435**	**0.1629**	**0.2064**	**0.0000**	**359.1103**	**359.1103**	**0.1014**	**0.0000**	**361.6446**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	8.7000e-003	0.3471	0.0531	1.0700e-003	0.0237	1.0100e-003	0.0247	6.4900e-003	9.7000e-004	7.4700e-003	0.0000	102.6580	102.6580	5.8100e-003	0.0000	102.8034
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.8200e-003	3.7900e-003	0.0378	1.0000e-004	0.0107	7.0000e-005	0.0108	2.8400e-003	7.0000e-005	2.9100e-003	0.0000	9.1633	9.1633	2.8000e-004	0.0000	9.1701
Total	**0.0135**	**0.3509**	**0.0909**	**1.1700e-003**	**0.0343**	**1.0800e-003**	**0.0354**	**9.3300e-003**	**1.0400e-003**	**0.0104**	**0.0000**	**111.8213**	**111.8213**	**6.0900e-003**	**0.0000**	**111.9735**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1228	0.0000	0.1228	0.0186	0.0000	0.0186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0864	0.5314	2.4408	4.1000e-003		0.0266	0.0266		0.0266	0.0266	0.0000	359.1099	359.1099	0.1014	0.0000	361.6442
Total	**0.0864**	**0.5314**	**2.4408**	**4.1000e-003**	**0.1228**	**0.0266**	**0.1494**	**0.0186**	**0.0266**	**0.0452**	**0.0000**	**359.1099**	**359.1099**	**0.1014**	**0.0000**	**361.6442**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	8.7000e-003	0.3471	0.0531	1.0700e-003	0.0226	1.0100e-003	0.0236	6.2300e-003	9.7000e-004	7.2000e-003	0.0000	102.6580	102.6580	5.8100e-003	0.0000	102.8034
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.8200e-003	3.7900e-003	0.0378	1.0000e-004	0.0101	7.0000e-005	0.0102	2.7000e-003	7.0000e-005	2.7700e-003	0.0000	9.1633	9.1633	2.8000e-004	0.0000	9.1701
Total	**0.0135**	**0.3509**	**0.0909**	**1.1700e-003**	**0.0327**	**1.0800e-003**	**0.0338**	**8.9300e-003**	**1.0400e-003**	**9.9700e-003**	**0.0000**	**111.8213**	**111.8213**	**6.0900e-003**	**0.0000**	**111.9735**

3.3 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0294	0.0000	0.0294	0.0161	0.0000	0.0161	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.6200e-003	0.0689	0.0350	6.0000e-005		3.5700e-003	3.5700e-003		3.2900e-003	3.2900e-003	0.0000	5.4325	5.4325	1.7600e-003	0.0000	5.4764
Total	**6.6200e-003**	**0.0689**	**0.0350**	**6.0000e-005**	**0.0294**	**3.5700e-003**	**0.0329**	**0.0161**	**3.2900e-003**	**0.0194**	**0.0000**	**5.4325**	**5.4325**	**1.7600e-003**	**0.0000**	**5.4764**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.0000e-005	4.8000e-004	7.0000e-005	0.0000	3.2400e-003	0.0000	3.2400e-003	8.0000e-004	0.0000	8.0000e-004	0.0000	0.1426	0.1426	1.0000e-005	0.0000	0.1428
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-005	7.0000e-005	7.0000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1692	0.1692	1.0000e-005	0.0000	0.1693
Total	**1.0000e-004**	**5.5000e-004**	**7.7000e-004**	**0.0000**	**3.4400e-003**	**0.0000**	**3.4400e-003**	**8.5000e-004**	**0.0000**	**8.5000e-004**	**0.0000**	**0.3118**	**0.3118**	**2.0000e-005**	**0.0000**	**0.3121**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0126	0.0000	0.0126	6.9000e-003	0.0000	6.9000e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.6000e-004	3.2800e-003	0.0339	6.0000e-005		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	5.4325	5.4325	1.7600e-003	0.0000	5.4764
Total	**7.6000e-004**	**3.2800e-003**	**0.0339**	**6.0000e-005**	**0.0126**	**1.0000e-004**	**0.0127**	**6.9000e-003**	**1.0000e-004**	**7.0000e-003**	**0.0000**	**5.4325**	**5.4325**	**1.7600e-003**	**0.0000**	**5.4764**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.0000e-005	4.8000e-004	7.0000e-005	0.0000	3.0500e-003	0.0000	3.0500e-003	7.5000e-004	0.0000	7.5000e-004	0.0000	0.1426	0.1426	1.0000e-005	0.0000	0.1428

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-005	7.0000e-005	7.0000e-004	0.0000	1.9000e-004	0.0000	1.9000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1692	0.1692	1.0000e-005	0.0000	0.1693
Total	**1.0000e-004**	**5.5000e-004**	**7.7000e-004**	**0.0000**	**3.2400e-003**	**0.0000**	**3.2400e-003**	**8.0000e-004**	**0.0000**	**8.0000e-004**	**0.0000**	**0.3118**	**0.3118**	**2.0000e-005**	**0.0000**	**0.3121**

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					3.8165	0.0000	3.8165	2.0979	0.0000	2.0979	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.8214	8.5550	4.4688	8.0300e-003		0.4319	0.4319		0.3973	0.3973	0.0000	706.3295	706.3295	0.2284	0.0000	712.0406
Total	**0.8214**	**8.5550**	**4.4688**	**8.0300e-003**	**3.8165**	**0.4319**	**4.2484**	**2.0979**	**0.3973**	**2.4952**	**0.0000**	**706.3295**	**706.3295**	**0.2284**	**0.0000**	**712.0406**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.5000e-003	0.0579	9.3100e-003	1.9000e-004	4.2900e-003	1.6000e-004	4.4600e-003	1.1800e-003	1.5000e-004	1.3300e-003	0.0000	18.3677	18.3677	1.0300e-003	0.0000	18.3935
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0108	8.1400e-003	0.0834	2.4000e-004	0.0257	1.7000e-004	0.0258	6.8100e-003	1.5000e-004	6.9700e-003	0.0000	21.2917	21.2917	6.0000e-004	0.0000	21.3066
Total	**0.0123**	**0.0661**	**0.0927**	**4.3000e-004**	**0.0300**	**3.3000e-004**	**0.0303**	**7.9900e-003**	**3.0000e-004**	**8.3000e-003**	**0.0000**	**39.6594**	**39.6594**	**1.6300e-003**	**0.0000**	**39.7001**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.6316	0.0000	1.6316	0.8968	0.0000	0.8968	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0984	0.4262	4.4086	8.0300e-003		0.0131	0.0131		0.0131	0.0131	0.0000	706.3287	706.3287	0.2284	0.0000	712.0397
Total	**0.0984**	**0.4262**	**4.4086**	**8.0300e-003**	**1.6316**	**0.0131**	**1.6447**	**0.8968**	**0.0131**	**0.9099**	**0.0000**	**706.3287**	**706.3287**	**0.2284**	**0.0000**	**712.0397**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.5000e-003	0.0579	9.3100e-003	1.9000e-004	4.1000e-003	1.6000e-004	4.2600e-003	1.1300e-003	1.5000e-004	1.2900e-003	0.0000	18.3677	18.3677	1.0300e-003	0.0000	18.3935
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0108	8.1400e-003	0.0834	2.4000e-004	0.0243	1.7000e-004	0.0245	6.4900e-003	1.5000e-004	6.6400e-003	0.0000	21.2917	21.2917	6.0000e-004	0.0000	21.3066
Total	**0.0123**	**0.0661**	**0.0927**	**4.3000e-004**	**0.0284**	**3.3000e-004**	**0.0288**	**7.6200e-003**	**3.0000e-004**	**7.9300e-003**	**0.0000**	**39.6594**	**39.6594**	**1.6300e-003**	**0.0000**	**39.7001**

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.4811	0.0000	0.4811	0.1951	0.0000	0.1951	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2248	2.4882	1.6559	3.3300e-003		0.1065	0.1065		0.0980	0.0980	0.0000	292.2293	292.2293	0.0945	0.0000	294.5922
Total	**0.2248**	**2.4882**	**1.6559**	**3.3300e-003**	**0.4811**	**0.1065**	**0.5875**	**0.1951**	**0.0980**	**0.2931**	**0.0000**	**292.2293**	**292.2293**	**0.0945**	**0.0000**	**294.5922**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0692	2.6688	0.4290	8.7800e-003	0.3422	7.4200e-003	0.3496	0.0897	7.1000e-003	0.0968	0.0000	846.0886	846.0886	0.0476	0.0000	847.2785
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0400e-003	2.3000e-003	0.0235	7.0000e-005	7.2400e-003	5.0000e-005	7.2800e-003	1.9200e-003	4.0000e-005	1.9700e-003	0.0000	6.0053	6.0053	1.7000e-004	0.0000	6.0096
Total	**0.0723**	**2.6711**	**0.4525**	**8.8500e-003**	**0.3495**	**7.4700e-003**	**0.3569**	**0.0917**	**7.1400e-003**	**0.0988**	**0.0000**	**852.0940**	**852.0940**	**0.0478**	**0.0000**	**853.2881**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.2057	0.0000	0.2057	0.0834	0.0000	0.0834	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Off-Road	0.0408	0.1770	1.7696	3.3300e-003		5.4500e-003	5.4500e-003		5.4500e-003	5.4500e-003	0.0000	292.2290	292.2290	0.0945	0.0000	294.5918
Total	**0.0408**	**0.1770**	**1.7696**	**3.3300e-003**	**0.2057**	**5.4500e-003**	**0.2111**	**0.0834**	**5.4500e-003**	**0.0889**	**0.0000**	**292.2290**	**292.2290**	**0.0945**	**0.0000**	**294.5918**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0692	2.6688	0.4290	8.7800e-003	0.3246	7.4200e-003	0.3320	0.0854	7.1000e-003	0.0925	0.0000	846.0886	846.0886	0.0476	0.0000	847.2785
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0400e-003	2.3000e-003	0.0235	7.0000e-005	6.8600e-003	5.0000e-005	6.9100e-003	1.8300e-003	4.0000e-005	1.8700e-003	0.0000	6.0053	6.0053	1.7000e-004	0.0000	6.0096
Total	**0.0723**	**2.6711**	**0.4525**	**8.8500e-003**	**0.3315**	**7.4700e-003**	**0.3390**	**0.0873**	**7.1400e-003**	**0.0944**	**0.0000**	**852.0940**	**852.0940**	**0.0478**	**0.0000**	**853.2881**

3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.4762	0.0000	0.4762	0.1924	0.0000	0.1924	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1914	2.0514	1.5338	3.2800e-003		0.0863	0.0863		0.0794	0.0794	0.0000	288.0109	288.0109	0.0932	0.0000	290.3396
Total	**0.1914**	**2.0514**	**1.5338**	**3.2800e-003**	**0.4762**	**0.0863**	**0.5625**	**0.1924**	**0.0794**	**0.2719**	**0.0000**	**288.0109**	**288.0109**	**0.0932**	**0.0000**	**290.3396**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0645	2.4061	0.4093	8.5500e-003	0.3415	6.0500e-003	0.3475	0.0895	5.7900e-003	0.0953	0.0000	823.9126	823.9126	0.0458	0.0000	825.0565
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8000e-003	2.0300e-003	0.0212	6.0000e-005	7.1300e-003	5.0000e-005	7.1700e-003	1.8900e-003	4.0000e-005	1.9300e-003	0.0000	5.7012	5.7012	1.5000e-004	0.0000	5.7050
Total	**0.0673**	**2.4081**	**0.4305**	**8.6100e-003**	**0.3486**	**6.1000e-003**	**0.3547**	**0.0914**	**5.8300e-003**	**0.0972**	**0.0000**	**829.6138**	**829.6138**	**0.0459**	**0.0000**	**830.7615**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.2036	0.0000	0.2036	0.0823	0.0000	0.0823	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0402	0.1743	1.7428	3.2800e-003		5.3600e-003	5.3600e-003		5.3600e-003	5.3600e-003	0.0000	288.0105	288.0105	0.0932	0.0000	290.3392
Total	**0.0402**	**0.1743**	**1.7428**	**3.2800e-003**	**0.2036**	**5.3600e-003**	**0.2089**	**0.0823**	**5.3600e-003**	**0.0876**	**0.0000**	**288.0105**	**288.0105**	**0.0932**	**0.0000**	**290.3392**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0645	2.4061	0.4093	8.5500e-003	0.3239	6.0500e-003	0.3299	0.0852	5.7900e-003	0.0909	0.0000	823.9126	823.9126	0.0458	0.0000	825.0565
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8000e-003	2.0300e-003	0.0212	6.0000e-005	6.7600e-003	5.0000e-005	6.8000e-003	1.8000e-003	4.0000e-005	1.8400e-003	0.0000	5.7012	5.7012	1.5000e-004	0.0000	5.7050
Total	**0.0673**	**2.4081**	**0.4305**	**8.6100e-003**	**0.3306**	**6.1000e-003**	**0.3367**	**0.0870**	**5.8300e-003**	**0.0928**	**0.0000**	**829.6138**	**829.6138**	**0.0459**	**0.0000**	**830.7615**

3.5 Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1631	1.6451	2.1561	3.3700e-003		0.0840	0.0840		0.0773	0.0773	0.0000	296.1575	296.1575	0.0958	0.0000	298.5521
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.1631**	**1.6451**	**2.1561**	**3.3700e-003**		**0.0840**	**0.0840**		**0.0773**	**0.0773**	**0.0000**	**296.1575**	**296.1575**	**0.0958**	**0.0000**	**298.5521**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.7500e-003	0.1026	0.0175	3.6000e-004	8.2600e-003	2.6000e-004	8.5200e-003	2.2700e-003	2.5000e-004	2.5200e-003	0.0000	35.1382	35.1382	1.9500e-003	0.0000	35.1870
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Worker	5.8700e-003	4.2700e-003	0.0446	1.3000e-004	0.0150	9.0000e-005	0.0151	3.9700e-003	9.0000e-005	4.0600e-003	0.0000	11.9726	11.9726	3.1000e-004	0.0000	11.9804
Total	**8.6200e-003**	**0.1069**	**0.0621**	**4.9000e-004**	**0.0232**	**3.5000e-004**	**0.0236**	**6.2400e-003**	**3.4000e-004**	**6.5800e-003**	**0.0000**	**47.1108**	**47.1108**	**2.2600e-003**	**0.0000**	**47.1674**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0415	0.1797	2.5576	3.3700e-003		5.5300e-003	5.5300e-003		5.5300e-003	5.5300e-003	0.0000	296.1572	296.1572	0.0958	0.0000	298.5517
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0415**	**0.1797**	**2.5576**	**3.3700e-003**		**5.5300e-003**	**5.5300e-003**		**5.5300e-003**	**5.5300e-003**	**0.0000**	**296.1572**	**296.1572**	**0.0958**	**0.0000**	**298.5517**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.7500e-003	0.1026	0.0175	3.6000e-004	7.8900e-003	2.6000e-004	8.1500e-003	2.1800e-003	2.5000e-004	2.4200e-003	0.0000	35.1382	35.1382	1.9500e-003	0.0000	35.1870
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.8700e-003	4.2700e-003	0.0446	1.3000e-004	0.0142	9.0000e-005	0.0143	3.7800e-003	9.0000e-005	3.8700e-003	0.0000	11.9726	11.9726	3.1000e-004	0.0000	11.9804
Total	**8.6200e-003**	**0.1069**	**0.0621**	**4.9000e-004**	**0.0221**	**3.5000e-004**	**0.0224**	**5.9600e-003**	**3.4000e-004**	**6.2900e-003**	**0.0000**	**47.1108**	**47.1108**	**2.2600e-003**	**0.0000**	**47.1674**

3.6 Rail Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1245	0.9992	1.2801	1.8900e-003		0.0517	0.0517		0.0483	0.0483	0.0000	161.2119	161.2119	0.0472	0.0000	162.3907
Total	**0.1245**	**0.9992**	**1.2801**	**1.8900e-003**		**0.0517**	**0.0517**		**0.0483**	**0.0483**	**0.0000**	**161.2119**	**161.2119**	**0.0472**	**0.0000**	**162.3907**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.7500e-003	0.1026	0.0175	3.6000e-004	8.2600e-003	2.6000e-004	8.5200e-003	2.2700e-003	2.5000e-004	2.5200e-003	0.0000	35.1382	35.1382	1.9500e-003	0.0000	35.1870
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2326	0.1690	1.7658	5.2400e-003	0.5925	3.7500e-003	0.5963	0.1574	3.4500e-003	0.1608	0.0000	473.9924	473.9924	0.0124	0.0000	474.3011
Total	**0.2353**	**0.2716**	**1.7833**	**5.6000e-003**	**0.6008**	**4.0100e-003**	**0.6048**	**0.1596**	**3.7000e-003**	**0.1633**	**0.0000**	**509.1306**	**509.1306**	**0.0143**	**0.0000**	**509.4881**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0551	0.2731	1.4004	1.8900e-003		0.0109	0.0109		0.0109	0.0109	0.0000	161.2117	161.2117	0.0472	0.0000	162.3905
Total	**0.0551**	**0.2731**	**1.4004**	**1.8900e-003**		**0.0109**	**0.0109**		**0.0109**	**0.0109**	**0.0000**	**161.2117**	**161.2117**	**0.0472**	**0.0000**	**162.3905**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.7500e-003	0.1026	0.0175	3.6000e-004	7.8900e-003	2.6000e-004	8.1500e-003	2.1800e-003	2.5000e-004	2.4200e-003	0.0000	35.1382	35.1382	1.9500e-003	0.0000	35.1870
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2326	0.1690	1.7658	5.2400e-003	0.5617	3.7500e-003	0.5655	0.1498	3.4500e-003	0.1533	0.0000	473.9924	473.9924	0.0124	0.0000	474.3011
Total	**0.2353**	**0.2716**	**1.7833**	**5.6000e-003**	**0.5696**	**4.0100e-003**	**0.5736**	**0.1520**	**3.7000e-003**	**0.1557**	**0.0000**	**509.1306**	**509.1306**	**0.0143**	**0.0000**	**509.4881**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Total					

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Non-Asphalt Surfaces	0.549952	0.037123	0.179649	0.119457	0.017229	0.005267	0.017877	0.062669	0.001348	0.001607	0.006000	0.000812	0.001010

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Land Use	kBTU/yr	tons/yr										MT/yr					
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.2526	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.0000e-005	6.0000e-005	0.0000	0.0000	6.0000e-005
Unmitigated	0.2526	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.0000e-005	6.0000e-005	0.0000	0.0000	6.0000e-005

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0447					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2079					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.0000e-005	6.0000e-005	0.0000	0.0000	6.0000e-005
Total	**0.2526**	**0.0000**	**3.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**6.0000e-005**	**6.0000e-005**	**0.0000**	**0.0000**	**6.0000e-005**

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	0.0447					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2079					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.0000e-005	6.0000e-005	0.0000	0.0000	6.0000e-005
Total	**0.2526**	**0.0000**	**3.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**6.0000e-005**	**6.0000e-005**	**0.0000**	**0.0000**	**6.0000e-005**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

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

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e

Land Use	tons	MT/yr			
	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

BNSF Ono Realignment - Locomotive Emissions Assumptions and Emissions

Locomotive Emissions Calculations

	Criteria Pollutant (lb/day)						
	NO_x	PM_{10}	$PM_{2.5}$	HC	VOC	CO	SO_2
Existing Idle	15.54	0.36	0.35	0.56	0.59	4.41	0.01
Project Idle	8.80	0.21	0.20	0.32	0.34	2.50	0.00
Net Idle Emissions	-6.74	-0.16	-0.15	-0.24	-0.26	-1.91	0.00

	Criteria Pollutant (lb/day)						
	NO_x	PM_{10}	$PM_{2.5}$	HC	VOC	CO	SO_2
Construction Haul	0.84	0.02	0.02	0.03	0.03	0.20	0.01
Construction Idle	16.58	0.39	0.38	0.60	0.63	4.71	0.01
Construction Total	**17.42**	**0.41**	**0.40**	**0.63**	**0.67**	**4.91**	**0.02**

Locomotive Activity Assumptions

	Operations		Construction Delivery Activity		
	Existing	**Project**	**Idling**	**Hauling**	
Rail Owner	BNSF				
Analysis Year	2021				
Rail Use Type	Large Line-Haul				
Train Activity[11]	Idling		Idling	Hauling	
Power Setting	Low Idle		Low Idle	Notch 3	
Length of Track	2.7	2.7	2.7	2.7	mi
Annual Train Days	365	365	8	8	days/yr
Daily Trains	3.0	2.0	1.0	1.0	trains
Locomotives per Train	4.0	4.0	4.0	4.0	locomotives/train
Daily Locomotives	12.0	8.0	4.0	4.0	locomotives
Train Speed	2	3	1	35	mi/hr
Train Idle time	1.3	1.1	4.0	0.0	hr
Train Weight	4,798	4,798	4,798	4,798	tons
Locomotive Power	4,400	4,400	4,400	4,400	bhp
Density of Diesel Fuel	3,172	3,172	3,172	3,172	g/gal
Sulfur Content of Fuel	8.1	8.1	8.1	8.1	ppm
Sulfur Conversion in Fuel	0.95	0.95	0.95	0.95	unitless
Carbon Content of Fuel	0.87	0.87	0.87	0.87	unitless

Conversions & Calculations

Trip Travel Time	1.25	1.062	4	0	hr/locomotive
Daily Travel Time	15	8.496	16	0	hr/day
Annual Travel Time	5,475	3,101	128	2	hr/yr
Trip Fuel Use	264	225	846	16	gal/locomotive
Daily Fuel Use	3,173	1,797	3,385	65	gal/day
Annual Fuel Use	1,158,173	655,989	27,077	522	gal/yr
Trip Load	5,500	4,673	17,600	339	bhp-hr/locomotive
Daily Load	66,000	37,382	70,400	1,358	bhp-hr/day
Annual Load	24,090,000	13,644,576	563,200	10,862	bhp-hr/yr
Trip Work	12,955	12,955	12,955	12,955	ton-mi/locomotive
Daily Work	155,455	103,637	51,818	51,818	ton-mi/day
Annual Work	56,741,148	37,827,432	414,547	414,547	ton-mi/yr
ERTAC Fuel Consumption	883	883	883	883	ton-mi/gal
ERTAC Daily Fuel Consumption	176	117	59	59	gal/day
Hauling Load Factor	0	0	0	0	unitless
Idling Fuel Consumption	5	5	5	0	gal/hr

BNSF Ono Realignment - Locomotive Emissions Assumptions and Emissions

Locomotive GHG Emissions Calculations

	GHG (metric ton/yr)			
	CO_2	N_2O	CH_4	CO_2e
Existing Idle	277.25	0.01	0.02	279.92
Project Idle	157.03	0.00	0.01	158.55
	-120	0	0	-121

	GHG (metric ton/yr)			
	CO_2	N_2O	CH_4	CO_2e
Construction Haul	5.3147	0.0001	0.0004	5.3656
Construction Idle	6.4818	0.0002	0.0005	6.5442
Construction Total	**12**	**0**	**0**	**12**

	Operations		Construction Delivery Activity		
	Existing	**Project**	**Idling**	**Hauling**	
Rail Owner	BNSF				
Analysis Year	2021				
Rail Use Type	Large Line-Haul				
Train Activity[11]	Idling		Idling	Hauling	
Power Setting	Low Idle		Low Idle	Notch 3	
Length of Track	2.7	2.7	2.7	2.7	mi
Annual Train Days	365	365	8	8	days/yr
Daily Trains	3	2	1	1	trains
Locomotives per Train	3.7	3.7	4	4	locomotives/trai
Daily Locomotives	11.1	7.4	4	4	locomotives
Train Speed	0.84375	1.35	0.675	35	mi/hr
Train Idle time	3.2	2	4	0	hr
Train Weight	4798	4798	4798	4798	tons
Locomotive Power	4400	4400	4400	4400	bhp
Density of Diesel Fuel	3172	3172	3172	3172	g/gal
Sulfur Content of Fuel	8.1	8.1	8.1	8.1	ppm
Sulfur Conversion in Fuel	0.95	0.95	0.95	0.95	unitless
Carbon Content of Fuel	0.87	0.87	0.87	0.87	unitless
Conversions & Calculations					
Trip Travel Time	3.2	2	4	0.0771429	hr/locomotive
Daily Travel Time	35.52	14.8	16	0.3085714	hr/day
Annual Travel Time	12964.8	5402	128	2.4685714	hr/yr
Trip Fuel Use	676.92308	423.076923	846.15385	16.318681	gal/locomotive
Daily Fuel Use	7513.8462	3130.76923	3384.6154	65.274725	gal/day
Annual Fuel Use	2742553.8	1142730.77	27076.923	522.1978	gal/yr
Trip Load	14080	8800	17600	339.42857	bhp-hr/locomoti
Daily Load	156288	65120	70400	1357.7143	bhp-hr/day
Annual Load	57045120	23768800	563200	10861.714	bhp-hr/yr
Trip Work	12954.6	12954.6	12954.6	12954.6	ton-mi/locomoti
Daily Work	143796.06	95864.04	51818.4	51818.4	ton-mi/day
Annual Work	52485562	34990374.6	414547.2	414547.2	ton-mi/yr
ERTAC Fuel Consumption	883.14	883.14	883.14	883.14	ton-mi/gal
ERTAC Daily Fuel Consumption	162.82363	108.549086	58.675182	58.675182	gal/day
Hauling Load Factor	0	0	0	0.052	unitless
Idling Fuel Consumption	5	5	5	0	gal/hr

Existing and Project Fuel Consumption

	Existing		Project
	Hauling	**Idling**	**Idling**
Daily Trains	72	3	2
Trip Travel Time	0.08	1.25	1.062
Daily Travel Time	22.22	15.00	8.50
Annual Travel Time	8,109.26	5,475.00	3,101.04
Trip Fuel Use	16.32	264.42	224.65
Daily Fuel Use	4,699.78	3,173.08	1,797.23
Annual Fuel Use	1,715,419.78	1,158,173.08	655,989.23

Conversion Factors (bhp-hr/gal)	
Locomotive Application	**Conversion Factor (bhp-hr/gal)**
Large Line-Haul	20.8
Passenger	20.8
Small Line-Haul	18.2
Switching	15.2

Source: Emission Factors for Locomotives (EPA-420-F-09-025), Table 3

Notes:

[1] Assumes train speed at 35 miles per hour for 2.7 mile track length.

[2] Idling using gallons per hour values from the Locomotive Emissions Inventories for the United States from ERTAC (Eastern Regional Technical Advisory Committee) Rail and hauling using load factors from 40 CFR 1033.530.

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**
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**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.9.0
** Lakes Environmental Software Inc.
** Date: 6/26/2020
** File: C:\Lakes\AERMOD View\BNSF Ono_Con_CO\BNSF Ono_Con_CO.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE Ono Construction CO
   MODELOPT DFAULT CONC
   AVERTIME 1 8
   URBANOPT 216995
   POLLUTID CO
   RUNORNOT RUN
   ERRORFIL "BNSF Ono_Con_CO.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 = CON3
** DESCRSRC construction alignment emissions 3
** PREFIX C3
** Length of Side = 9.70
** Configuration = Adjacent
** Emission Rate = 8.88
** Vertical Dimension = 7.82
** SZINIT = 3.64
** Nodes = 44
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** 472027.831, 3774478.042, 331.46, 5.00, 4.51
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** 472000.591, 3774511.750, 332.06, 5.00, 4.51
** 472013.272, 3774556.255, 332.64, 5.00, 4.51
** 472031.864, 3774578.593, 332.21, 5.00, 4.51
** 472029.304, 3774684.181, 333.03, 5.00, 4.51
** 472002.658, 3774711.761, 333.60, 5.00, 4.51
** 472001.216, 3774757.585, 333.81, 5.00, 4.51
** 472028.458, 3774759.397, 333.47, 5.00, 4.51
** 472029.022, 3774836.830, 334.00, 5.00, 4.51
** 472014.653, 3774850.787, 334.41, 5.00, 4.51
** 472011.200, 3774882.035, 334.71, 5.00, 4.51
** 472030.428, 3774899.027, 334.52, 5.00, 4.51
** 472033.861, 3775069.137, 336.13, 5.00, 4.51
** 472044.457, 3775252.708, 337.89, 5.00, 4.51
** 472023.610, 3775266.611, 338.37, 5.00, 4.51
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** 472020.706, 3775460.501, 340.35, 5.00, 4.51
** 472021.501, 3775574.097, 341.67, 5.00, 4.51
** 472024.227, 3775616.759, 342.65, 5.00, 4.51
** 472046.874, 3775636.423, 341.93, 5.00, 4.51
** 472044.511, 3775860.656, 344.18, 5.00, 4.51
** 472044.474, 3776009.430, 344.91, 5.00, 4.51
** 472023.518, 3776037.236, 345.55, 5.00, 4.51
** 472026.153, 3776139.738, 345.99, 5.00, 4.51
** 472026.595, 3776148.843, 345.93, 5.00, 4.51
** 472036.101, 3776216.655, 346.57, 5.00, 4.51
** 472027.399, 3776304.861, 345.20, 5.00, 4.51
** 472014.541, 3776370.163, 345.32, 5.00, 4.51
** 471995.999, 3776385.920, 347.82, 5.00, 4.51
** 471994.791, 3776431.787, 345.96, 5.00, 4.51
** 471924.256, 3776582.316, 348.71, 5.00, 4.51
** 471899.871, 3776573.811, 350.24, 5.00, 4.51
** 471892.688, 3776621.003, 349.43, 5.00, 4.51
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** 471381.275, 3777051.819, 358.77, 5.00, 4.51
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** 471034.024, 3777323.679, 365.52, 5.00, 4.51
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** 470646.829, 3777717.308, 375.61, 5.00, 4.51
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   LOCATION C3037989     VOLUME   472028.736 3774438.166 331.20
   LOCATION C3037990     VOLUME   472028.516 3774447.863 331.30
   LOCATION C3037991     VOLUME   472028.296 3774457.561 331.41
   LOCATION C3037992     VOLUME   472028.076 3774467.258 331.51
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LOCATION	C3037993	VOLUME	472027.855	3774476.956	331.59
LOCATION	C3037994	VOLUME	472022.417	3774484.742	331.72
LOCATION	C3037995	VOLUME	472016.320	3774492.286	331.85
LOCATION	C3037996	VOLUME	472010.224	3774499.831	331.98
LOCATION	C3037997	VOLUME	472004.127	3774507.375	332.09
LOCATION	C3037998	VOLUME	472001.708	3774515.669	332.21
LOCATION	C3037999	VOLUME	472004.366	3774524.998	332.32
LOCATION	C3038000	VOLUME	472007.024	3774534.327	332.41
LOCATION	C3038001	VOLUME	472009.682	3774543.655	332.49
LOCATION	C3038002	VOLUME	472012.340	3774552.984	332.56
LOCATION	C3038003	VOLUME	472017.302	3774561.096	332.54
LOCATION	C3038004	VOLUME	472023.507	3774568.552	332.43
LOCATION	C3038005	VOLUME	472029.712	3774576.008	332.33
LOCATION	C3038006	VOLUME	472031.711	3774584.927	332.34
LOCATION	C3038007	VOLUME	472031.476	3774594.624	332.40
LOCATION	C3038008	VOLUME	472031.240	3774604.322	332.48
LOCATION	C3038009	VOLUME	472031.005	3774614.019	332.56
LOCATION	C3038010	VOLUME	472030.770	3774623.716	332.65
LOCATION	C3038011	VOLUME	472030.535	3774633.413	332.75
LOCATION	C3038012	VOLUME	472030.300	3774643.110	332.86
LOCATION	C3038013	VOLUME	472030.065	3774652.807	332.96
LOCATION	C3038014	VOLUME	472029.830	3774662.504	333.03
LOCATION	C3038015	VOLUME	472029.594	3774672.202	333.09
LOCATION	C3038016	VOLUME	472029.359	3774681.899	333.14
LOCATION	C3038017	VOLUME	472024.150	3774689.515	333.27
LOCATION	C3038018	VOLUME	472017.410	3774696.491	333.42
LOCATION	C3038019	VOLUME	472010.671	3774703.467	333.55
LOCATION	C3038020	VOLUME	472003.931	3774710.443	333.63
LOCATION	C3038021	VOLUME	472002.410	3774719.625	333.67
LOCATION	C3038022	VOLUME	472002.105	3774729.320	333.72
LOCATION	C3038023	VOLUME	472001.800	3774739.015	333.76
LOCATION	C3038024	VOLUME	472001.495	3774748.711	333.81
LOCATION	C3038025	VOLUME	472002.035	3774757.639	333.88
LOCATION	C3038026	VOLUME	472011.714	3774758.283	333.83
LOCATION	C3038027	VOLUME	472021.392	3774758.927	333.71
LOCATION	C3038028	VOLUME	472028.477	3774762.015	333.64
LOCATION	C3038029	VOLUME	472028.548	3774771.715	333.72
LOCATION	C3038030	VOLUME	472028.618	3774781.414	333.80
LOCATION	C3038031	VOLUME	472028.689	3774791.114	333.85
LOCATION	C3038032	VOLUME	472028.760	3774800.814	333.91
LOCATION	C3038033	VOLUME	472028.830	3774810.514	333.96
LOCATION	C3038034	VOLUME	472028.901	3774820.213	334.02
LOCATION	C3038035	VOLUME	472028.971	3774829.913	334.07
LOCATION	C3038036	VOLUME	472027.025	3774838.769	334.15
LOCATION	C3038037	VOLUME	472020.067	3774845.528	334.30
LOCATION	C3038038	VOLUME	472014.417	3774852.926	334.43
LOCATION	C3038039	VOLUME	472013.351	3774862.567	334.52
LOCATION	C3038040	VOLUME	472012.286	3774872.208	334.62

LOCATION	C3038041	VOLUME	472011.221	3774881.850	334.77
LOCATION	C3038042	VOLUME	472018.329	3774888.335	334.76
LOCATION	C3038043	VOLUME	472025.598	3774894.758	334.71
LOCATION	C3038044	VOLUME	472030.494	3774902.280	334.70
LOCATION	C3038045	VOLUME	472030.689	3774911.978	334.79
LOCATION	C3038046	VOLUME	472030.885	3774921.676	334.87
LOCATION	C3038047	VOLUME	472031.081	3774931.374	334.96
LOCATION	C3038048	VOLUME	472031.277	3774941.072	335.07
LOCATION	C3038049	VOLUME	472031.472	3774950.770	335.18
LOCATION	C3038050	VOLUME	472031.668	3774960.468	335.29
LOCATION	C3038051	VOLUME	472031.864	3774970.166	335.45
LOCATION	C3038052	VOLUME	472032.059	3774979.864	335.64
LOCATION	C3038053	VOLUME	472032.255	3774989.562	335.83
LOCATION	C3038054	VOLUME	472032.451	3774999.260	336.07
LOCATION	C3038055	VOLUME	472032.646	3775008.958	336.37
LOCATION	C3038056	VOLUME	472032.842	3775018.656	336.67
LOCATION	C3038057	VOLUME	472033.038	3775028.354	336.82
LOCATION	C3038058	VOLUME	472033.234	3775038.052	336.63
LOCATION	C3038059	VOLUME	472033.429	3775047.750	336.45
LOCATION	C3038060	VOLUME	472033.625	3775057.448	336.30
LOCATION	C3038061	VOLUME	472033.821	3775067.146	336.35
LOCATION	C3038062	VOLUME	472034.305	3775076.833	336.38
LOCATION	C3038063	VOLUME	472034.864	3775086.517	336.41
LOCATION	C3038064	VOLUME	472035.423	3775096.201	336.47
LOCATION	C3038065	VOLUME	472035.982	3775105.885	336.52
LOCATION	C3038066	VOLUME	472036.541	3775115.569	336.58
LOCATION	C3038067	VOLUME	472037.100	3775125.252	336.66
LOCATION	C3038068	VOLUME	472037.659	3775134.936	336.76
LOCATION	C3038069	VOLUME	472038.218	3775144.620	336.85
LOCATION	C3038070	VOLUME	472038.777	3775154.304	336.95
LOCATION	C3038071	VOLUME	472039.336	3775163.988	337.04
LOCATION	C3038072	VOLUME	472039.895	3775173.672	337.13
LOCATION	C3038073	VOLUME	472040.454	3775183.356	337.22
LOCATION	C3038074	VOLUME	472041.013	3775193.040	337.30
LOCATION	C3038075	VOLUME	472041.572	3775202.724	337.38
LOCATION	C3038076	VOLUME	472042.131	3775212.407	337.46
LOCATION	C3038077	VOLUME	472042.690	3775222.091	337.54
LOCATION	C3038078	VOLUME	472043.249	3775231.775	337.62
LOCATION	C3038079	VOLUME	472043.808	3775241.459	337.70
LOCATION	C3038080	VOLUME	472044.367	3775251.143	337.77
LOCATION	C3038081	VOLUME	472037.691	3775257.220	338.01
LOCATION	C3038082	VOLUME	472029.621	3775262.602	338.17
LOCATION	C3038083	VOLUME	472023.667	3775269.085	338.31
LOCATION	C3038084	VOLUME	472023.894	3775278.782	338.40
LOCATION	C3038085	VOLUME	472024.121	3775288.479	338.49
LOCATION	C3038086	VOLUME	472024.348	3775298.177	338.57
LOCATION	C3038087	VOLUME	472024.574	3775307.874	338.65
LOCATION	C3038088	VOLUME	472024.801	3775317.571	338.72

LOCATION	C3038089	VOLUME	472025.028	3775327.269	338.79
LOCATION	C3038090	VOLUME	472025.255	3775336.966	338.88
LOCATION	C3038091	VOLUME	472025.482	3775346.663	339.00
LOCATION	C3038092	VOLUME	472025.708	3775356.361	339.12
LOCATION	C3038093	VOLUME	472025.935	3775366.058	339.24
LOCATION	C3038094	VOLUME	472026.162	3775375.755	339.36
LOCATION	C3038095	VOLUME	472026.389	3775385.453	339.48
LOCATION	C3038096	VOLUME	472026.615	3775395.150	339.60
LOCATION	C3038097	VOLUME	472026.842	3775404.848	339.69
LOCATION	C3038098	VOLUME	472018.720	3775409.164	339.83
LOCATION	C3038099	VOLUME	472009.795	3775412.963	339.95
LOCATION	C3038100	VOLUME	472000.870	3775416.762	340.06
LOCATION	C3038101	VOLUME	471991.944	3775420.561	340.16
LOCATION	C3038102	VOLUME	471995.363	3775427.591	340.18
LOCATION	C3038103	VOLUME	472001.281	3775435.276	340.19
LOCATION	C3038104	VOLUME	472007.199	3775442.962	340.24
LOCATION	C3038105	VOLUME	472013.118	3775450.647	340.30
LOCATION	C3038106	VOLUME	472019.036	3775458.332	340.38
LOCATION	C3038107	VOLUME	472020.755	3775467.463	340.50
LOCATION	C3038108	VOLUME	472020.823	3775477.163	340.63
LOCATION	C3038109	VOLUME	472020.891	3775486.863	340.76
LOCATION	C3038110	VOLUME	472020.959	3775496.563	340.82
LOCATION	C3038111	VOLUME	472021.027	3775506.263	340.88
LOCATION	C3038112	VOLUME	472021.094	3775515.962	340.93
LOCATION	C3038113	VOLUME	472021.162	3775525.662	341.00
LOCATION	C3038114	VOLUME	472021.230	3775535.362	341.07
LOCATION	C3038115	VOLUME	472021.298	3775545.062	341.14
LOCATION	C3038116	VOLUME	472021.366	3775554.761	341.25
LOCATION	C3038117	VOLUME	472021.434	3775564.461	341.38
LOCATION	C3038118	VOLUME	472021.505	3775574.161	341.51
LOCATION	C3038119	VOLUME	472022.124	3775583.841	341.72
LOCATION	C3038120	VOLUME	472022.742	3775593.521	342.04
LOCATION	C3038121	VOLUME	472023.361	3775603.202	342.34
LOCATION	C3038122	VOLUME	472023.980	3775612.882	342.77
LOCATION	C3038123	VOLUME	472028.618	3775620.571	343.05
LOCATION	C3038124	VOLUME	472035.942	3775626.931	342.49
LOCATION	C3038125	VOLUME	472043.267	3775633.291	341.67
LOCATION	C3038126	VOLUME	472046.822	3775641.345	341.39
LOCATION	C3038127	VOLUME	472046.720	3775651.045	341.47
LOCATION	C3038128	VOLUME	472046.618	3775660.744	341.55
LOCATION	C3038129	VOLUME	472046.516	3775670.444	341.63
LOCATION	C3038130	VOLUME	472046.413	3775680.143	341.77
LOCATION	C3038131	VOLUME	472046.311	3775689.843	341.92
LOCATION	C3038132	VOLUME	472046.209	3775699.542	342.07
LOCATION	C3038133	VOLUME	472046.107	3775709.242	342.18
LOCATION	C3038134	VOLUME	472046.005	3775718.941	342.26
LOCATION	C3038135	VOLUME	472045.902	3775728.640	342.34
LOCATION	C3038136	VOLUME	472045.800	3775738.340	342.41

LOCATION	C3038137	VOLUME	472045.698	3775748.039	342.49
LOCATION	C3038138	VOLUME	472045.596	3775757.739	342.56
LOCATION	C3038139	VOLUME	472045.494	3775767.438	342.68
LOCATION	C3038140	VOLUME	472045.391	3775777.138	342.90
LOCATION	C3038141	VOLUME	472045.289	3775786.837	343.11
LOCATION	C3038142	VOLUME	472045.187	3775796.537	343.32
LOCATION	C3038143	VOLUME	472045.085	3775806.236	343.53
LOCATION	C3038144	VOLUME	472044.983	3775815.936	343.74
LOCATION	C3038145	VOLUME	472044.880	3775825.635	343.94
LOCATION	C3038146	VOLUME	472044.778	3775835.335	343.97
LOCATION	C3038147	VOLUME	472044.676	3775845.034	343.98
LOCATION	C3038148	VOLUME	472044.574	3775854.733	343.99
LOCATION	C3038149	VOLUME	472044.510	3775864.433	344.00
LOCATION	C3038150	VOLUME	472044.508	3775874.133	344.00
LOCATION	C3038151	VOLUME	472044.505	3775883.833	344.00
LOCATION	C3038152	VOLUME	472044.503	3775893.533	344.01
LOCATION	C3038153	VOLUME	472044.501	3775903.233	344.04
LOCATION	C3038154	VOLUME	472044.498	3775912.933	344.06
LOCATION	C3038155	VOLUME	472044.496	3775922.633	344.09
LOCATION	C3038156	VOLUME	472044.493	3775932.333	344.14
LOCATION	C3038157	VOLUME	472044.491	3775942.033	344.19
LOCATION	C3038158	VOLUME	472044.488	3775951.733	344.24
LOCATION	C3038159	VOLUME	472044.486	3775961.433	344.30
LOCATION	C3038160	VOLUME	472044.484	3775971.133	344.36
LOCATION	C3038161	VOLUME	472044.481	3775980.833	344.42
LOCATION	C3038162	VOLUME	472044.479	3775990.533	344.50
LOCATION	C3038163	VOLUME	472044.476	3776000.233	344.57
LOCATION	C3038164	VOLUME	472044.171	3776009.832	344.68
LOCATION	C3038165	VOLUME	472038.333	3776017.578	345.06
LOCATION	C3038166	VOLUME	472032.495	3776025.325	345.22
LOCATION	C3038167	VOLUME	472026.657	3776033.071	345.38
LOCATION	C3038168	VOLUME	472023.633	3776041.719	345.50
LOCATION	C3038169	VOLUME	472023.882	3776051.416	345.57
LOCATION	C3038170	VOLUME	472024.132	3776061.113	345.65
LOCATION	C3038171	VOLUME	472024.381	3776070.810	345.72
LOCATION	C3038172	VOLUME	472024.630	3776080.506	345.77
LOCATION	C3038173	VOLUME	472024.879	3776090.203	345.81
LOCATION	C3038174	VOLUME	472025.129	3776099.900	345.86
LOCATION	C3038175	VOLUME	472025.378	3776109.597	345.91
LOCATION	C3038176	VOLUME	472025.627	3776119.294	345.96
LOCATION	C3038177	VOLUME	472025.876	3776128.990	346.02
LOCATION	C3038178	VOLUME	472026.126	3776138.687	346.07
LOCATION	C3038179	VOLUME	472026.572	3776148.377	346.13
LOCATION	C3038180	VOLUME	472027.877	3776157.987	346.20
LOCATION	C3038181	VOLUME	472029.223	3776167.593	346.26
LOCATION	C3038182	VOLUME	472030.570	3776177.199	346.33
LOCATION	C3038183	VOLUME	472031.917	3776186.805	346.40
LOCATION	C3038184	VOLUME	472033.263	3776196.411	346.47

LOCATION	C3038185	VOLUME	472034.610	3776206.017	346.53
LOCATION	C3038186	VOLUME	472035.956	3776215.623	346.58
LOCATION	C3038187	VOLUME	472035.251	3776225.271	346.64
LOCATION	C3038188	VOLUME	472034.299	3776234.924	346.60
LOCATION	C3038189	VOLUME	472033.346	3776244.577	346.57
LOCATION	C3038190	VOLUME	472032.394	3776254.231	346.55
LOCATION	C3038191	VOLUME	472031.442	3776263.884	346.45
LOCATION	C3038192	VOLUME	472030.489	3776273.537	346.34
LOCATION	C3038193	VOLUME	472029.537	3776283.190	346.26
LOCATION	C3038194	VOLUME	472028.585	3776292.843	346.17
LOCATION	C3038195	VOLUME	472027.632	3776302.496	346.05
LOCATION	C3038196	VOLUME	472025.984	3776312.047	346.06
LOCATION	C3038197	VOLUME	472024.110	3776321.564	346.16
LOCATION	C3038198	VOLUME	472022.236	3776331.081	346.22
LOCATION	C3038199	VOLUME	472020.362	3776340.599	346.33
LOCATION	C3038200	VOLUME	472018.488	3776350.116	346.48
LOCATION	C3038201	VOLUME	472016.615	3776359.633	346.22
LOCATION	C3038202	VOLUME	472014.741	3776369.150	345.84
LOCATION	C3038203	VOLUME	472007.936	3776375.776	346.23
LOCATION	C3038204	VOLUME	472000.545	3776382.057	346.94
LOCATION	C3038205	VOLUME	471995.901	3776389.654	347.33
LOCATION	C3038206	VOLUME	471995.646	3776399.350	347.14
LOCATION	C3038207	VOLUME	471995.390	3776409.047	346.95
LOCATION	C3038208	VOLUME	471995.135	3776418.744	346.56
LOCATION	C3038209	VOLUME	471994.879	3776428.440	346.09
LOCATION	C3038210	VOLUME	471992.096	3776437.539	345.98
LOCATION	C3038211	VOLUME	471987.980	3776446.322	346.03
LOCATION	C3038212	VOLUME	471983.864	3776455.106	346.21
LOCATION	C3038213	VOLUME	471979.749	3776463.890	346.50
LOCATION	C3038214	VOLUME	471975.633	3776472.673	346.90
LOCATION	C3038215	VOLUME	471971.517	3776481.457	347.24
LOCATION	C3038216	VOLUME	471967.401	3776490.240	347.40
LOCATION	C3038217	VOLUME	471963.285	3776499.024	347.33
LOCATION	C3038218	VOLUME	471959.170	3776507.807	347.38
LOCATION	C3038219	VOLUME	471955.054	3776516.591	347.52
LOCATION	C3038220	VOLUME	471950.938	3776525.374	347.74
LOCATION	C3038221	VOLUME	471946.822	3776534.158	348.03
LOCATION	C3038222	VOLUME	471942.706	3776542.941	348.14
LOCATION	C3038223	VOLUME	471938.591	3776551.725	347.98
LOCATION	C3038224	VOLUME	471934.475	3776560.508	347.91
LOCATION	C3038225	VOLUME	471930.359	3776569.292	348.09
LOCATION	C3038226	VOLUME	471926.243	3776578.075	348.29
LOCATION	C3038227	VOLUME	471919.519	3776580.664	348.79
LOCATION	C3038228	VOLUME	471910.360	3776577.469	349.56
LOCATION	C3038229	VOLUME	471901.201	3776574.275	350.03
LOCATION	C3038230	VOLUME	471898.623	3776582.007	350.00
LOCATION	C3038231	VOLUME	471897.164	3776591.597	349.97
LOCATION	C3038232	VOLUME	471895.704	3776601.186	349.89

LOCATION	C3038233	VOLUME	471894.244	3776610.776	349.69
LOCATION	C3038234	VOLUME	471892.785	3776620.365	349.44
LOCATION	C3038235	VOLUME	471886.438	3776627.555	349.54
LOCATION	C3038236	VOLUME	471879.743	3776634.575	349.90
LOCATION	C3038237	VOLUME	471873.048	3776641.594	350.17
LOCATION	C3038238	VOLUME	471866.354	3776648.613	350.33
LOCATION	C3038239	VOLUME	471859.659	3776655.632	350.45
LOCATION	C3038240	VOLUME	471852.964	3776662.652	350.73
LOCATION	C3038241	VOLUME	471846.269	3776669.671	350.96
LOCATION	C3038242	VOLUME	471839.575	3776676.690	351.10
LOCATION	C3038243	VOLUME	471832.880	3776683.709	351.19
LOCATION	C3038244	VOLUME	471826.185	3776690.729	351.41
LOCATION	C3038245	VOLUME	471819.490	3776697.748	351.64
LOCATION	C3038246	VOLUME	471812.795	3776704.767	351.76
LOCATION	C3038247	VOLUME	471806.101	3776711.786	351.84
LOCATION	C3038248	VOLUME	471799.406	3776718.806	352.01
LOCATION	C3038249	VOLUME	471792.711	3776725.825	352.25
LOCATION	C3038250	VOLUME	471785.367	3776732.129	352.40
LOCATION	C3038251	VOLUME	471777.728	3776738.107	352.51
LOCATION	C3038252	VOLUME	471770.090	3776744.085	352.65
LOCATION	C3038253	VOLUME	471762.451	3776750.063	352.81
LOCATION	C3038254	VOLUME	471754.812	3776756.041	352.98
LOCATION	C3038255	VOLUME	471747.173	3776762.019	353.13
LOCATION	C3038256	VOLUME	471739.534	3776767.997	353.26
LOCATION	C3038257	VOLUME	471731.895	3776773.975	353.37
LOCATION	C3038258	VOLUME	471724.256	3776779.953	353.51
LOCATION	C3038259	VOLUME	471716.617	3776785.931	353.69
LOCATION	C3038260	VOLUME	471708.978	3776791.909	353.81
LOCATION	C3038261	VOLUME	471701.339	3776797.887	353.90
LOCATION	C3038262	VOLUME	471693.700	3776803.865	354.00
LOCATION	C3038263	VOLUME	471686.053	3776809.832	354.11
LOCATION	C3038264	VOLUME	471678.376	3776815.762	354.24
LOCATION	C3038265	VOLUME	471670.700	3776821.691	354.36
LOCATION	C3038266	VOLUME	471663.023	3776827.621	354.44
LOCATION	C3038267	VOLUME	471655.347	3776833.550	354.52
LOCATION	C3038268	VOLUME	471647.670	3776839.480	354.63
LOCATION	C3038269	VOLUME	471639.993	3776845.410	354.76
LOCATION	C3038270	VOLUME	471632.317	3776851.339	354.86
LOCATION	C3038271	VOLUME	471624.640	3776857.269	354.95
LOCATION	C3038272	VOLUME	471616.964	3776863.198	355.04
LOCATION	C3038273	VOLUME	471609.287	3776869.128	355.13
LOCATION	C3038274	VOLUME	471601.610	3776875.057	355.27
LOCATION	C3038275	VOLUME	471593.934	3776880.987	355.42
LOCATION	C3038276	VOLUME	471586.275	3776886.939	355.55
LOCATION	C3038277	VOLUME	471578.716	3776893.018	355.68
LOCATION	C3038278	VOLUME	471571.158	3776899.098	355.82
LOCATION	C3038279	VOLUME	471563.599	3776905.177	355.97
LOCATION	C3038280	VOLUME	471556.041	3776911.256	356.15

LOCATION	C3038281	VOLUME	471548.482	3776917.336	356.35
LOCATION	C3038282	VOLUME	471540.923	3776923.415	356.50
LOCATION	C3038283	VOLUME	471533.365	3776929.494	356.58
LOCATION	C3038284	VOLUME	471525.806	3776935.573	356.61
LOCATION	C3038285	VOLUME	471518.248	3776941.653	356.75
LOCATION	C3038286	VOLUME	471510.689	3776947.732	356.88
LOCATION	C3038287	VOLUME	471503.131	3776953.811	356.99
LOCATION	C3038288	VOLUME	471495.572	3776959.891	357.10
LOCATION	C3038289	VOLUME	471488.013	3776965.970	357.21
LOCATION	C3038290	VOLUME	471480.455	3776972.049	357.34
LOCATION	C3038291	VOLUME	471472.896	3776978.129	357.45
LOCATION	C3038292	VOLUME	471465.338	3776984.208	357.54
LOCATION	C3038293	VOLUME	471457.779	3776990.287	357.63
LOCATION	C3038294	VOLUME	471450.220	3776996.366	357.73
LOCATION	C3038295	VOLUME	471442.662	3777002.446	357.86
LOCATION	C3038296	VOLUME	471435.103	3777008.525	357.97
LOCATION	C3038297	VOLUME	471427.545	3777014.604	358.06
LOCATION	C3038298	VOLUME	471419.986	3777020.684	358.16
LOCATION	C3038299	VOLUME	471412.428	3777026.763	358.27
LOCATION	C3038300	VOLUME	471404.869	3777032.842	358.40
LOCATION	C3038301	VOLUME	471397.310	3777038.922	358.51
LOCATION	C3038302	VOLUME	471389.752	3777045.001	358.61
LOCATION	C3038303	VOLUME	471382.193	3777051.080	358.71
LOCATION	C3038304	VOLUME	471374.605	3777057.123	358.82
LOCATION	C3038305	VOLUME	471367.013	3777063.160	358.96
LOCATION	C3038306	VOLUME	471359.421	3777069.198	359.11
LOCATION	C3038307	VOLUME	471351.829	3777075.235	359.24
LOCATION	C3038308	VOLUME	471344.237	3777081.273	359.36
LOCATION	C3038309	VOLUME	471336.645	3777087.310	359.50
LOCATION	C3038310	VOLUME	471329.053	3777093.348	359.64
LOCATION	C3038311	VOLUME	471321.461	3777099.385	359.79
LOCATION	C3038312	VOLUME	471313.869	3777105.423	359.93
LOCATION	C3038313	VOLUME	471306.277	3777111.460	360.06
LOCATION	C3038314	VOLUME	471298.685	3777117.498	360.19
LOCATION	C3038315	VOLUME	471291.093	3777123.535	360.33
LOCATION	C3038316	VOLUME	471283.501	3777129.573	360.48
LOCATION	C3038317	VOLUME	471275.909	3777135.610	360.63
LOCATION	C3038318	VOLUME	471268.317	3777141.648	360.76
LOCATION	C3038319	VOLUME	471260.725	3777147.685	360.89
LOCATION	C3038320	VOLUME	471253.133	3777153.723	361.02
LOCATION	C3038321	VOLUME	471245.541	3777159.760	361.16
LOCATION	C3038322	VOLUME	471237.949	3777165.798	361.30
LOCATION	C3038323	VOLUME	471230.357	3777171.835	361.46
LOCATION	C3038324	VOLUME	471222.765	3777177.873	361.61
LOCATION	C3038325	VOLUME	471215.173	3777183.910	361.77
LOCATION	C3038326	VOLUME	471207.581	3777189.948	361.91
LOCATION	C3038327	VOLUME	471199.936	3777195.917	362.07
LOCATION	C3038328	VOLUME	471192.251	3777201.835	362.21

LOCATION	C3038329	VOLUME	471184.565	3777207.754	362.39
LOCATION	C3038330	VOLUME	471176.880	3777213.672	362.61
LOCATION	C3038331	VOLUME	471169.194	3777219.590	362.72
LOCATION	C3038332	VOLUME	471161.509	3777225.508	362.85
LOCATION	C3038333	VOLUME	471153.824	3777231.426	363.02
LOCATION	C3038334	VOLUME	471146.138	3777237.345	363.23
LOCATION	C3038335	VOLUME	471138.453	3777243.263	363.45
LOCATION	C3038336	VOLUME	471130.767	3777249.181	363.60
LOCATION	C3038337	VOLUME	471123.082	3777255.099	363.75
LOCATION	C3038338	VOLUME	471115.397	3777261.017	363.90
LOCATION	C3038339	VOLUME	471107.711	3777266.935	364.11
LOCATION	C3038340	VOLUME	471100.026	3777272.854	364.36
LOCATION	C3038341	VOLUME	471092.340	3777278.772	364.57
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LOCATION	C3038343	VOLUME	471076.970	3777290.608	364.87
LOCATION	C3038344	VOLUME	471069.284	3777296.526	365.06
LOCATION	C3038345	VOLUME	471061.599	3777302.444	365.24
LOCATION	C3038346	VOLUME	471053.914	3777308.363	365.44
LOCATION	C3038347	VOLUME	471046.228	3777314.281	365.60
LOCATION	C3038348	VOLUME	471038.543	3777320.199	365.71
LOCATION	C3038349	VOLUME	471031.016	3777326.310	365.86
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LOCATION	C3038351	VOLUME	471016.416	3777339.085	366.24
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LOCATION	C3038353	VOLUME	471001.815	3777351.859	366.53
LOCATION	C3038354	VOLUME	470994.515	3777358.246	366.73
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LOCATION	C3038357	VOLUME	470972.614	3777377.408	367.27
LOCATION	C3038358	VOLUME	470965.314	3777383.795	367.45
LOCATION	C3038359	VOLUME	470958.014	3777390.182	367.63
LOCATION	C3038360	VOLUME	470950.713	3777396.570	367.81
LOCATION	C3038361	VOLUME	470943.413	3777402.957	367.99
LOCATION	C3038362	VOLUME	470936.113	3777409.344	368.18
LOCATION	C3038363	VOLUME	470928.813	3777415.731	368.36
LOCATION	C3038364	VOLUME	470921.512	3777422.118	368.54
LOCATION	C3038365	VOLUME	470914.507	3777428.821	368.70
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LOCATION	C3038367	VOLUME	470900.786	3777442.536	369.11
LOCATION	C3038368	VOLUME	470893.926	3777449.394	369.32
LOCATION	C3038369	VOLUME	470887.066	3777456.251	369.49
LOCATION	C3038370	VOLUME	470880.206	3777463.109	369.65
LOCATION	C3038371	VOLUME	470873.346	3777469.967	369.91
LOCATION	C3038372	VOLUME	470866.485	3777476.824	370.20
LOCATION	C3038373	VOLUME	470859.625	3777483.682	370.38
LOCATION	C3038374	VOLUME	470852.765	3777490.540	370.48
LOCATION	C3038375	VOLUME	470845.905	3777497.397	370.66
LOCATION	C3038376	VOLUME	470839.044	3777504.255	370.98

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   LOCATION C3038379     VOLUME   470818.464 3777524.828 371.14
   LOCATION C3038380     VOLUME   470811.603 3777531.685 371.54
   LOCATION C3038381     VOLUME   470804.743 3777538.543 371.78
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   LOCATION C3038383     VOLUME   470791.023 3777552.258 371.54
   LOCATION C3038384     VOLUME   470784.163 3777559.116 372.00
   LOCATION C3038385     VOLUME   470777.302 3777565.974 372.40
   LOCATION C3038386     VOLUME   470770.442 3777572.831 372.50
   LOCATION C3038387     VOLUME   470763.819 3777579.908 372.45
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   LOCATION C3038389     VOLUME   470751.242 3777594.679 373.99
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   LOCATION C3038392     VOLUME   470732.377 3777616.835 375.63
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   LOCATION C3038395     VOLUME   470713.511 3777638.992 375.41
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   LOCATION C3038400     VOLUME   470682.069 3777675.919 375.52
   LOCATION C3038401     VOLUME   470675.781 3777683.305 375.81
   LOCATION C3038402     VOLUME   470669.492 3777690.690 375.92
   LOCATION C3038403     VOLUME   470663.204 3777698.076 375.74
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** End of LINE VOLUME Source ID = CON3
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = CON4
** DESCRSRC construction alignment emissions 4
** PREFIX C4
** Length of Side = 9.70
** Configuration = Adjacent
** Emission Rate = 0.65
** Vertical Dimension = 7.82
** SZINIT = 3.64
** Nodes = 3
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** 469060.162, 3779716.384, 426.97, 5.00, 4.51
** 468981.687, 3779815.250, 428.83, 5.00, 4.51
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   LOCATION C4038407     VOLUME   469156.590 3779592.243 424.12
   LOCATION C4038408     VOLUME   469150.640 3779599.904 424.25
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   LOCATION C4038410     VOLUME   469138.739 3779615.225 424.62
   LOCATION C4038411     VOLUME   469132.789 3779622.885 424.85
   LOCATION C4038412     VOLUME   469126.838 3779630.546 425.10
   LOCATION C4038413     VOLUME   469120.888 3779638.206 425.32
   LOCATION C4038414     VOLUME   469114.937 3779645.867 425.48
   LOCATION C4038415     VOLUME   469108.987 3779653.527 425.59
   LOCATION C4038416     VOLUME   469103.037 3779661.187 425.79
   LOCATION C4038417     VOLUME   469097.086 3779668.848 426.00
   LOCATION C4038418     VOLUME   469091.136 3779676.508 426.20
   LOCATION C4038419     VOLUME   469085.186 3779684.169 426.39
   LOCATION C4038420     VOLUME   469079.235 3779691.829 426.52
   LOCATION C4038421     VOLUME   469073.285 3779699.490 426.64
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   LOCATION C4038424     VOLUME   469055.370 3779722.421 427.06
   LOCATION C4038425     VOLUME   469049.339 3779730.019 427.14
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   LOCATION C4038430     VOLUME   469019.187 3779768.006 427.86
   LOCATION C4038431     VOLUME   469013.156 3779775.604 428.05
   LOCATION C4038432     VOLUME   469007.126 3779783.202 428.26
   LOCATION C4038433     VOLUME   469001.095 3779790.799 428.39
   LOCATION C4038434     VOLUME   468995.064 3779798.397 428.56
   LOCATION C4038435     VOLUME   468989.034 3779805.994 428.77
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** Source Parameters **
** LINE VOLUME Source ID = CON3
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   SRCPARAM C4038428     0.0209677419      5.00      4.51      3.64
   SRCPARAM C4038429     0.0209677419      5.00      4.51      3.64
   SRCPARAM C4038430     0.0209677419      5.00      4.51      3.64
   SRCPARAM C4038431     0.0209677419      5.00      4.51      3.64
   SRCPARAM C4038432     0.0209677419      5.00      4.51      3.64
   SRCPARAM C4038433     0.0209677419      5.00      4.51      3.64
   SRCPARAM C4038434     0.0209677419      5.00      4.51      3.64
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   SRCPARAM C4038435     0.0209677419      5.00      4.51      3.64
   SRCPARAM C4038436     0.0209677419      5.00      4.51      3.64
** ----------------------------------------------------------------------
   URBANSRC ALL

** Variable Emissions Type: "By Hour-of-Day (HROFDY)"
** Variable Emission Scenario: "Scenario 2"
   EMISFACT C3037988     HROFDY 0.0 0.0 0.0 0.0 0.0 1.0
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   EMISFACT C3037989     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT C3038046     HROFDY 0.0 0.0 0.0 0.0 0.0 1.0
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EMISFACT C4038427     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT C4038427     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT C4038428     HROFDY 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT C4038428     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT C4038428     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT C4038428     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT C4038429     HROFDY 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT C4038429     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT C4038429     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT C4038429     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT C4038430     HROFDY 0.0 0.0 0.0 0.0 0.0 1.0
```

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EMISFACT C4038430     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT C4038430     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT C4038430     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT C4038431     HROFDY 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT C4038431     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT C4038431     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT C4038431     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT C4038432     HROFDY 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT C4038432     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT C4038432     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT C4038432     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT C4038433     HROFDY 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT C4038433     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT C4038433     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT C4038433     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT C4038434     HROFDY 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT C4038434     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT C4038434     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT C4038434     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT C4038435     HROFDY 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT C4038435     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT C4038435     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT C4038435     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT C4038436     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT C4038436     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT C4038436     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
SRCGROUP BNSFcons C3037988 C3037989 C3037990 C3037991 C3037992 C3037993
SRCGROUP BNSFcons C3037994 C3037995 C3037996 C3037997 C3037998 C3037999
SRCGROUP BNSFcons C3038000 C3038001 C3038002 C3038003 C3038004 C3038005
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SRCGROUP BNSFcons C3038018 C3038019 C3038020 C3038021 C3038022 C3038023
SRCGROUP BNSFcons C3038024 C3038025 C3038026 C3038027 C3038028 C3038029
SRCGROUP BNSFcons C3038030 C3038031 C3038032 C3038033 C3038034 C3038035
SRCGROUP BNSFcons C3038036 C3038037 C3038038 C3038039 C3038040 C3038041
SRCGROUP BNSFcons C3038042 C3038043 C3038044 C3038045 C3038046 C3038047
SRCGROUP BNSFcons C3038048 C3038049 C3038050 C3038051 C3038052 C3038053
SRCGROUP BNSFcons C3038054 C3038055 C3038056 C3038057 C3038058 C3038059
SRCGROUP BNSFcons C3038060 C3038061 C3038062 C3038063 C3038064 C3038065
SRCGROUP BNSFcons C3038066 C3038067 C3038068 C3038069 C3038070 C3038071
SRCGROUP BNSFcons C3038072 C3038073 C3038074 C3038075 C3038076 C3038077
SRCGROUP BNSFcons C3038078 C3038079 C3038080 C3038081 C3038082 C3038083
SRCGROUP BNSFcons C3038084 C3038085 C3038086 C3038087 C3038088 C3038089
SRCGROUP BNSFcons C3038090 C3038091 C3038092 C3038093 C3038094 C3038095
SRCGROUP BNSFcons C3038096 C3038097 C3038098 C3038099 C3038100 C3038101
SRCGROUP BNSFcons C3038102 C3038103 C3038104 C3038105 C3038106 C3038107
SRCGROUP BNSFcons C3038108 C3038109 C3038110 C3038111 C3038112 C3038113
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SRCGROUP BNSFcons C3038114 C3038115 C3038116 C3038117 C3038118 C3038119
SRCGROUP BNSFcons C3038120 C3038121 C3038122 C3038123 C3038124 C3038125
SRCGROUP BNSFcons C3038126 C3038127 C3038128 C3038129 C3038130 C3038131
SRCGROUP BNSFcons C3038132 C3038133 C3038134 C3038135 C3038136 C3038137
SRCGROUP BNSFcons C3038138 C3038139 C3038140 C3038141 C3038142 C3038143
SRCGROUP BNSFcons C3038144 C3038145 C3038146 C3038147 C3038148 C3038149
SRCGROUP BNSFcons C3038150 C3038151 C3038152 C3038153 C3038154 C3038155
SRCGROUP BNSFcons C3038156 C3038157 C3038158 C3038159 C3038160 C3038161
SRCGROUP BNSFcons C3038162 C3038163 C3038164 C3038165 C3038166 C3038167
SRCGROUP BNSFcons C3038168 C3038169 C3038170 C3038171 C3038172 C3038173
SRCGROUP BNSFcons C3038174 C3038175 C3038176 C3038177 C3038178 C3038179
SRCGROUP BNSFcons C3038180 C3038181 C3038182 C3038183 C3038184 C3038185
SRCGROUP BNSFcons C3038186 C3038187 C3038188 C3038189 C3038190 C3038191
SRCGROUP BNSFcons C3038192 C3038193 C3038194 C3038195 C3038196 C3038197
SRCGROUP BNSFcons C3038198 C3038199 C3038200 C3038201 C3038202 C3038203
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SRCGROUP BNSFcons C3038216 C3038217 C3038218 C3038219 C3038220 C3038221
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SRCGROUP BNSFcons C3038228 C3038229 C3038230 C3038231 C3038232 C3038233
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SRCGROUP BNSFcons C3038246 C3038247 C3038248 C3038249 C3038250 C3038251
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SRCGROUP BNSFcons C3038258 C3038259 C3038260 C3038261 C3038262 C3038263
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SRCGROUP BNSFcons C3038270 C3038271 C3038272 C3038273 C3038274 C3038275
SRCGROUP BNSFcons C3038276 C3038277 C3038278 C3038279 C3038280 C3038281
SRCGROUP BNSFcons C3038282 C3038283 C3038284 C3038285 C3038286 C3038287
SRCGROUP BNSFcons C3038288 C3038289 C3038290 C3038291 C3038292 C3038293
SRCGROUP BNSFcons C3038294 C3038295 C3038296 C3038297 C3038298 C3038299
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SRCGROUP BNSFcons C3038324 C3038325 C3038326 C3038327 C3038328 C3038329
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SRCGROUP BNSFcons C3038336 C3038337 C3038338 C3038339 C3038340 C3038341
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SRCGROUP BNSFcons C3038378 C3038379 C3038380 C3038381 C3038382 C3038383
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SRCGROUP BNSFcons C3038390 C3038391 C3038392 C3038393 C3038394 C3038395
SRCGROUP BNSFcons C3038396 C3038397 C3038398 C3038399 C3038400 C3038401

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   SRCGROUP BNSFcons C3038402 C3038403 C3038404 C3038405 C4038406 C4038407
   SRCGROUP BNSFcons C4038408 C4038409 C4038410 C4038411 C4038412 C4038413
   SRCGROUP BNSFcons C4038414 C4038415 C4038416 C4038417 C4038418 C4038419
   SRCGROUP BNSFcons C4038420 C4038421 C4038422 C4038423 C4038424 C4038425
   SRCGROUP BNSFcons C4038426 C4038427 C4038428 C4038429 C4038430 C4038431
   SRCGROUP BNSFcons C4038432 C4038433 C4038434 C4038435 C4038436
   SRCGROUP ALL
SO FINISHED
**
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
   INCLUDED "BNSF Ono_Con_CO.rou"
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
** Surface File Path: C:\Lakes\AERMOD View\BNSF Ono_Con_CO\FONT_V9_ADJU\
   SURFFILE FONT_V9_ADJU\FONT_v9.SFC
** Profile File Path: C:\Lakes\AERMOD View\BNSF Ono_Con_CO\FONT_V9_ADJU\
   PROFFILE FONT_V9_ADJU\FONT_v9.PFL
   SURFDATA 3102 2011
   UAIRDATA 3190 2011
   SITEDATA 99999 2011
   PROFBASE 367.0 METERS
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
   RECTABLE 8 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "C:\Lakes\AERMOD View\BNSF Ono_Con_CO\BNSF
ONO_CON_CO.AD\01H1GALL.PLT" 31
   PLOTFILE 8 ALL 1ST "C:\Lakes\AERMOD View\BNSF Ono_Con_CO\BNSF
ONO_CON_CO.AD\08H1GALL.PLT" 32
```

```
   PLOTFILE 1 BNSFcons 1ST "C:\Lakes\AERMOD View\BNSF Ono_Con_CO\BNSF
ONO_CON_CO.AD\01H1G001.PLT" 33
   PLOTFILE 8 BNSFcons 1ST "C:\Lakes\AERMOD View\BNSF Ono_Con_CO\BNSF
ONO_CON_CO.AD\08H1G001.PLT" 34
   SUMMFILE "C:\Lakes\AERMOD View\BNSF Ono_Con_CO\BNSF Ono_Con_CO.sum"
OU FINISHED
**
****************************************
** Project Parameters
****************************************
** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS    m
** ZONE     11
** ZONEINX  0
**
```

```
**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.9.0
** Lakes Environmental Software Inc.
** Date: 6/23/2020
** File: C:\Lakes\AERMOD View\BNSF_HRA\BNSF_Con_CO\BNSF_Con_CO.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE Construction CO
   MODELOPT DFAULT CONC
   AVERTIME 1 8
   URBANOPT 216995
   POLLUTID CO
   RUNORNOT RUN
   ERRORFIL BNSF_Con_CO.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 = CON3
** DESCRSRC construction alignment CO emissions 3
** PREFIX C3
** Length of Side = 9.70
** Configuration = Adjacent
** Emission Rate = 0.147104
** Vertical Dimension = 7.82
** SZINIT = 3.64
** Nodes = 44
** 472029.067, 3774423.620, 330.82, 5.00, 4.51
** 472027.831, 3774478.042, 331.46, 5.00, 4.51
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** 472000.591, 3774511.750, 332.06, 5.00, 4.51
** 472013.272, 3774556.255, 332.64, 5.00, 4.51
** 472031.864, 3774578.593, 332.21, 5.00, 4.51
** 472029.304, 3774684.181, 333.03, 5.00, 4.51
** 472002.658, 3774711.761, 333.60, 5.00, 4.51
** 472001.216, 3774757.585, 333.81, 5.00, 4.51
** 472028.458, 3774759.397, 333.47, 5.00, 4.51
** 472029.022, 3774836.830, 334.00, 5.00, 4.51
** 472014.653, 3774850.787, 334.41, 5.00, 4.51
** 472011.200, 3774882.035, 334.71, 5.00, 4.51
** 472030.428, 3774899.027, 334.52, 5.00, 4.51
** 472033.861, 3775069.137, 336.13, 5.00, 4.51
** 472044.457, 3775252.708, 337.89, 5.00, 4.51
** 472023.610, 3775266.611, 338.37, 5.00, 4.51
** 472026.862, 3775405.698, 339.52, 5.00, 4.51
** 471990.441, 3775421.200, 340.22, 5.00, 4.51
** 472020.706, 3775460.501, 340.35, 5.00, 4.51
** 472021.501, 3775574.097, 341.67, 5.00, 4.51
** 472024.227, 3775616.759, 342.65, 5.00, 4.51
** 472046.874, 3775636.423, 341.93, 5.00, 4.51
** 472044.511, 3775860.656, 344.18, 5.00, 4.51
** 472044.474, 3776009.430, 344.91, 5.00, 4.51
** 472023.518, 3776037.236, 345.55, 5.00, 4.51
** 472026.153, 3776139.738, 345.99, 5.00, 4.51
** 472026.595, 3776148.843, 345.93, 5.00, 4.51
** 472036.101, 3776216.655, 346.57, 5.00, 4.51
** 472027.399, 3776304.861, 345.20, 5.00, 4.51
** 472014.541, 3776370.163, 345.32, 5.00, 4.51
** 471995.999, 3776385.920, 347.82, 5.00, 4.51
** 471994.791, 3776431.787, 345.96, 5.00, 4.51
** 471924.256, 3776582.316, 348.71, 5.00, 4.51
** 471899.871, 3776573.811, 350.24, 5.00, 4.51
** 471892.688, 3776621.003, 349.43, 5.00, 4.51
** 471790.618, 3776728.020, 352.43, 5.00, 4.51
** 471687.819, 3776808.468, 354.12, 5.00, 4.51
** 471587.411, 3776886.025, 355.59, 5.00, 4.51
** 471381.275, 3777051.819, 358.77, 5.00, 4.51
** 471204.297, 3777192.559, 361.85, 5.00, 4.51
** 471034.024, 3777323.679, 365.52, 5.00, 4.51
** 470919.103, 3777424.226, 368.63, 5.00, 4.51
** 470766.423, 3777576.849, 372.68, 5.00, 4.51
** 470646.829, 3777717.308, 375.61, 5.00, 4.51
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   LOCATION C3037090     VOLUME   472028.956 3774428.468 331.11
   LOCATION C3037091     VOLUME   472028.736 3774438.166 331.20
   LOCATION C3037092     VOLUME   472028.516 3774447.863 331.30
   LOCATION C3037093     VOLUME   472028.296 3774457.561 331.41
   LOCATION C3037094     VOLUME   472028.076 3774467.258 331.51
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LOCATION	C3037095	VOLUME	472027.855	3774476.956	331.59
LOCATION	C3037096	VOLUME	472022.417	3774484.742	331.72
LOCATION	C3037097	VOLUME	472016.320	3774492.286	331.85
LOCATION	C3037098	VOLUME	472010.224	3774499.831	331.98
LOCATION	C3037099	VOLUME	472004.127	3774507.375	332.09
LOCATION	C3037100	VOLUME	472001.708	3774515.669	332.21
LOCATION	C3037101	VOLUME	472004.366	3774524.998	332.32
LOCATION	C3037102	VOLUME	472007.024	3774534.327	332.41
LOCATION	C3037103	VOLUME	472009.682	3774543.655	332.49
LOCATION	C3037104	VOLUME	472012.340	3774552.984	332.56
LOCATION	C3037105	VOLUME	472017.302	3774561.096	332.54
LOCATION	C3037106	VOLUME	472023.507	3774568.552	332.43
LOCATION	C3037107	VOLUME	472029.712	3774576.008	332.33
LOCATION	C3037108	VOLUME	472031.711	3774584.927	332.34
LOCATION	C3037109	VOLUME	472031.476	3774594.624	332.40
LOCATION	C3037110	VOLUME	472031.240	3774604.322	332.48
LOCATION	C3037111	VOLUME	472031.005	3774614.019	332.56
LOCATION	C3037112	VOLUME	472030.770	3774623.716	332.65
LOCATION	C3037113	VOLUME	472030.535	3774633.413	332.75
LOCATION	C3037114	VOLUME	472030.300	3774643.110	332.86
LOCATION	C3037115	VOLUME	472030.065	3774652.807	332.96
LOCATION	C3037116	VOLUME	472029.830	3774662.504	333.03
LOCATION	C3037117	VOLUME	472029.594	3774672.202	333.09
LOCATION	C3037118	VOLUME	472029.359	3774681.899	333.14
LOCATION	C3037119	VOLUME	472024.150	3774689.515	333.27
LOCATION	C3037120	VOLUME	472017.410	3774696.491	333.42
LOCATION	C3037121	VOLUME	472010.671	3774703.467	333.55
LOCATION	C3037122	VOLUME	472003.931	3774710.443	333.63
LOCATION	C3037123	VOLUME	472002.410	3774719.625	333.67
LOCATION	C3037124	VOLUME	472002.105	3774729.320	333.72
LOCATION	C3037125	VOLUME	472001.800	3774739.015	333.76
LOCATION	C3037126	VOLUME	472001.495	3774748.711	333.81
LOCATION	C3037127	VOLUME	472002.035	3774757.639	333.88
LOCATION	C3037128	VOLUME	472011.714	3774758.283	333.83
LOCATION	C3037129	VOLUME	472021.392	3774758.927	333.71
LOCATION	C3037130	VOLUME	472028.477	3774762.015	333.64
LOCATION	C3037131	VOLUME	472028.548	3774771.715	333.72
LOCATION	C3037132	VOLUME	472028.618	3774781.414	333.80
LOCATION	C3037133	VOLUME	472028.689	3774791.114	333.85
LOCATION	C3037134	VOLUME	472028.760	3774800.814	333.91
LOCATION	C3037135	VOLUME	472028.830	3774810.514	333.96
LOCATION	C3037136	VOLUME	472028.901	3774820.213	334.02
LOCATION	C3037137	VOLUME	472028.971	3774829.913	334.07
LOCATION	C3037138	VOLUME	472027.025	3774838.769	334.15
LOCATION	C3037139	VOLUME	472020.067	3774845.528	334.30
LOCATION	C3037140	VOLUME	472014.417	3774852.926	334.43
LOCATION	C3037141	VOLUME	472013.351	3774862.567	334.52
LOCATION	C3037142	VOLUME	472012.286	3774872.208	334.62

LOCATION	C3037143	VOLUME	472011.221	3774881.850	334.77
LOCATION	C3037144	VOLUME	472018.329	3774888.335	334.76
LOCATION	C3037145	VOLUME	472025.598	3774894.758	334.71
LOCATION	C3037146	VOLUME	472030.494	3774902.280	334.70
LOCATION	C3037147	VOLUME	472030.689	3774911.978	334.79
LOCATION	C3037148	VOLUME	472030.885	3774921.676	334.87
LOCATION	C3037149	VOLUME	472031.081	3774931.374	334.96
LOCATION	C3037150	VOLUME	472031.277	3774941.072	335.07
LOCATION	C3037151	VOLUME	472031.472	3774950.770	335.18
LOCATION	C3037152	VOLUME	472031.668	3774960.468	335.29
LOCATION	C3037153	VOLUME	472031.864	3774970.166	335.45
LOCATION	C3037154	VOLUME	472032.059	3774979.864	335.64
LOCATION	C3037155	VOLUME	472032.255	3774989.562	335.83
LOCATION	C3037156	VOLUME	472032.451	3774999.260	336.07
LOCATION	C3037157	VOLUME	472032.646	3775008.958	336.37
LOCATION	C3037158	VOLUME	472032.842	3775018.656	336.67
LOCATION	C3037159	VOLUME	472033.038	3775028.354	336.82
LOCATION	C3037160	VOLUME	472033.234	3775038.052	336.63
LOCATION	C3037161	VOLUME	472033.429	3775047.750	336.45
LOCATION	C3037162	VOLUME	472033.625	3775057.448	336.30
LOCATION	C3037163	VOLUME	472033.821	3775067.146	336.35
LOCATION	C3037164	VOLUME	472034.305	3775076.833	336.38
LOCATION	C3037165	VOLUME	472034.864	3775086.517	336.41
LOCATION	C3037166	VOLUME	472035.423	3775096.201	336.47
LOCATION	C3037167	VOLUME	472035.982	3775105.885	336.52
LOCATION	C3037168	VOLUME	472036.541	3775115.569	336.58
LOCATION	C3037169	VOLUME	472037.100	3775125.252	336.66
LOCATION	C3037170	VOLUME	472037.659	3775134.936	336.76
LOCATION	C3037171	VOLUME	472038.218	3775144.620	336.85
LOCATION	C3037172	VOLUME	472038.777	3775154.304	336.95
LOCATION	C3037173	VOLUME	472039.336	3775163.988	337.04
LOCATION	C3037174	VOLUME	472039.895	3775173.672	337.13
LOCATION	C3037175	VOLUME	472040.454	3775183.356	337.22
LOCATION	C3037176	VOLUME	472041.013	3775193.040	337.30
LOCATION	C3037177	VOLUME	472041.572	3775202.724	337.38
LOCATION	C3037178	VOLUME	472042.131	3775212.407	337.46
LOCATION	C3037179	VOLUME	472042.690	3775222.091	337.54
LOCATION	C3037180	VOLUME	472043.249	3775231.775	337.62
LOCATION	C3037181	VOLUME	472043.808	3775241.459	337.70
LOCATION	C3037182	VOLUME	472044.367	3775251.143	337.77
LOCATION	C3037183	VOLUME	472037.691	3775257.220	338.01
LOCATION	C3037184	VOLUME	472029.621	3775262.602	338.17
LOCATION	C3037185	VOLUME	472023.667	3775269.085	338.31
LOCATION	C3037186	VOLUME	472023.894	3775278.782	338.40
LOCATION	C3037187	VOLUME	472024.121	3775288.479	338.49
LOCATION	C3037188	VOLUME	472024.348	3775298.177	338.57
LOCATION	C3037189	VOLUME	472024.574	3775307.874	338.65
LOCATION	C3037190	VOLUME	472024.801	3775317.571	338.72

LOCATION	C3037191	VOLUME	472025.028	3775327.269	338.79
LOCATION	C3037192	VOLUME	472025.255	3775336.966	338.88
LOCATION	C3037193	VOLUME	472025.482	3775346.663	339.00
LOCATION	C3037194	VOLUME	472025.708	3775356.361	339.12
LOCATION	C3037195	VOLUME	472025.935	3775366.058	339.24
LOCATION	C3037196	VOLUME	472026.162	3775375.755	339.36
LOCATION	C3037197	VOLUME	472026.389	3775385.453	339.48
LOCATION	C3037198	VOLUME	472026.615	3775395.150	339.60
LOCATION	C3037199	VOLUME	472026.842	3775404.848	339.69
LOCATION	C3037200	VOLUME	472018.720	3775409.164	339.83
LOCATION	C3037201	VOLUME	472009.795	3775412.963	339.95
LOCATION	C3037202	VOLUME	472000.870	3775416.762	340.06
LOCATION	C3037203	VOLUME	471991.944	3775420.561	340.16
LOCATION	C3037204	VOLUME	471995.363	3775427.591	340.18
LOCATION	C3037205	VOLUME	472001.281	3775435.276	340.19
LOCATION	C3037206	VOLUME	472007.199	3775442.962	340.24
LOCATION	C3037207	VOLUME	472013.118	3775450.647	340.30
LOCATION	C3037208	VOLUME	472019.036	3775458.332	340.38
LOCATION	C3037209	VOLUME	472020.755	3775467.463	340.50
LOCATION	C3037210	VOLUME	472020.823	3775477.163	340.63
LOCATION	C3037211	VOLUME	472020.891	3775486.863	340.76
LOCATION	C3037212	VOLUME	472020.959	3775496.563	340.82
LOCATION	C3037213	VOLUME	472021.027	3775506.263	340.88
LOCATION	C3037214	VOLUME	472021.094	3775515.962	340.93
LOCATION	C3037215	VOLUME	472021.162	3775525.662	341.00
LOCATION	C3037216	VOLUME	472021.230	3775535.362	341.07
LOCATION	C3037217	VOLUME	472021.298	3775545.062	341.14
LOCATION	C3037218	VOLUME	472021.366	3775554.761	341.25
LOCATION	C3037219	VOLUME	472021.434	3775564.461	341.38
LOCATION	C3037220	VOLUME	472021.505	3775574.161	341.51
LOCATION	C3037221	VOLUME	472022.124	3775583.841	341.72
LOCATION	C3037222	VOLUME	472022.742	3775593.521	342.04
LOCATION	C3037223	VOLUME	472023.361	3775603.202	342.34
LOCATION	C3037224	VOLUME	472023.980	3775612.882	342.77
LOCATION	C3037225	VOLUME	472028.618	3775620.571	343.05
LOCATION	C3037226	VOLUME	472035.942	3775626.931	342.49
LOCATION	C3037227	VOLUME	472043.267	3775633.291	341.67
LOCATION	C3037228	VOLUME	472046.822	3775641.345	341.39
LOCATION	C3037229	VOLUME	472046.720	3775651.045	341.47
LOCATION	C3037230	VOLUME	472046.618	3775660.744	341.55
LOCATION	C3037231	VOLUME	472046.516	3775670.444	341.63
LOCATION	C3037232	VOLUME	472046.413	3775680.143	341.77
LOCATION	C3037233	VOLUME	472046.311	3775689.843	341.92
LOCATION	C3037234	VOLUME	472046.209	3775699.542	342.07
LOCATION	C3037235	VOLUME	472046.107	3775709.242	342.18
LOCATION	C3037236	VOLUME	472046.005	3775718.941	342.26
LOCATION	C3037237	VOLUME	472045.902	3775728.640	342.34
LOCATION	C3037238	VOLUME	472045.800	3775738.340	342.41

LOCATION	C3037239	VOLUME	472045.698	3775748.039	342.49
LOCATION	C3037240	VOLUME	472045.596	3775757.739	342.56
LOCATION	C3037241	VOLUME	472045.494	3775767.438	342.68
LOCATION	C3037242	VOLUME	472045.391	3775777.138	342.90
LOCATION	C3037243	VOLUME	472045.289	3775786.837	343.11
LOCATION	C3037244	VOLUME	472045.187	3775796.537	343.32
LOCATION	C3037245	VOLUME	472045.085	3775806.236	343.53
LOCATION	C3037246	VOLUME	472044.983	3775815.936	343.74
LOCATION	C3037247	VOLUME	472044.880	3775825.635	343.94
LOCATION	C3037248	VOLUME	472044.778	3775835.335	343.97
LOCATION	C3037249	VOLUME	472044.676	3775845.034	343.98
LOCATION	C3037250	VOLUME	472044.574	3775854.733	343.99
LOCATION	C3037251	VOLUME	472044.510	3775864.433	344.00
LOCATION	C3037252	VOLUME	472044.508	3775874.133	344.00
LOCATION	C3037253	VOLUME	472044.505	3775883.833	344.00
LOCATION	C3037254	VOLUME	472044.503	3775893.533	344.01
LOCATION	C3037255	VOLUME	472044.501	3775903.233	344.04
LOCATION	C3037256	VOLUME	472044.498	3775912.933	344.06
LOCATION	C3037257	VOLUME	472044.496	3775922.633	344.09
LOCATION	C3037258	VOLUME	472044.493	3775932.333	344.14
LOCATION	C3037259	VOLUME	472044.491	3775942.033	344.19
LOCATION	C3037260	VOLUME	472044.488	3775951.733	344.24
LOCATION	C3037261	VOLUME	472044.486	3775961.433	344.30
LOCATION	C3037262	VOLUME	472044.484	3775971.133	344.36
LOCATION	C3037263	VOLUME	472044.481	3775980.833	344.42
LOCATION	C3037264	VOLUME	472044.479	3775990.533	344.50
LOCATION	C3037265	VOLUME	472044.476	3776000.233	344.57
LOCATION	C3037266	VOLUME	472044.171	3776009.832	344.68
LOCATION	C3037267	VOLUME	472038.333	3776017.578	345.06
LOCATION	C3037268	VOLUME	472032.495	3776025.325	345.22
LOCATION	C3037269	VOLUME	472026.657	3776033.071	345.38
LOCATION	C3037270	VOLUME	472023.633	3776041.719	345.50
LOCATION	C3037271	VOLUME	472023.882	3776051.416	345.57
LOCATION	C3037272	VOLUME	472024.132	3776061.113	345.65
LOCATION	C3037273	VOLUME	472024.381	3776070.810	345.72
LOCATION	C3037274	VOLUME	472024.630	3776080.506	345.77
LOCATION	C3037275	VOLUME	472024.879	3776090.203	345.81
LOCATION	C3037276	VOLUME	472025.129	3776099.900	345.86
LOCATION	C3037277	VOLUME	472025.378	3776109.597	345.91
LOCATION	C3037278	VOLUME	472025.627	3776119.294	345.96
LOCATION	C3037279	VOLUME	472025.876	3776128.990	346.02
LOCATION	C3037280	VOLUME	472026.126	3776138.687	346.07
LOCATION	C3037281	VOLUME	472026.572	3776148.377	346.13
LOCATION	C3037282	VOLUME	472027.877	3776157.987	346.20
LOCATION	C3037283	VOLUME	472029.223	3776167.593	346.26
LOCATION	C3037284	VOLUME	472030.570	3776177.199	346.33
LOCATION	C3037285	VOLUME	472031.917	3776186.805	346.40
LOCATION	C3037286	VOLUME	472033.263	3776196.411	346.47

LOCATION	C3037287	VOLUME	472034.610	3776206.017	346.53
LOCATION	C3037288	VOLUME	472035.956	3776215.623	346.58
LOCATION	C3037289	VOLUME	472035.251	3776225.271	346.64
LOCATION	C3037290	VOLUME	472034.299	3776234.924	346.60
LOCATION	C3037291	VOLUME	472033.346	3776244.577	346.57
LOCATION	C3037292	VOLUME	472032.394	3776254.231	346.55
LOCATION	C3037293	VOLUME	472031.442	3776263.884	346.45
LOCATION	C3037294	VOLUME	472030.489	3776273.537	346.34
LOCATION	C3037295	VOLUME	472029.537	3776283.190	346.26
LOCATION	C3037296	VOLUME	472028.585	3776292.843	346.17
LOCATION	C3037297	VOLUME	472027.632	3776302.496	346.05
LOCATION	C3037298	VOLUME	472025.984	3776312.047	346.06
LOCATION	C3037299	VOLUME	472024.110	3776321.564	346.16
LOCATION	C3037300	VOLUME	472022.236	3776331.081	346.22
LOCATION	C3037301	VOLUME	472020.362	3776340.599	346.33
LOCATION	C3037302	VOLUME	472018.488	3776350.116	346.48
LOCATION	C3037303	VOLUME	472016.615	3776359.633	346.22
LOCATION	C3037304	VOLUME	472014.741	3776369.150	345.84
LOCATION	C3037305	VOLUME	472007.936	3776375.776	346.23
LOCATION	C3037306	VOLUME	472000.545	3776382.057	346.94
LOCATION	C3037307	VOLUME	471995.901	3776389.654	347.33
LOCATION	C3037308	VOLUME	471995.646	3776399.350	347.14
LOCATION	C3037309	VOLUME	471995.390	3776409.047	346.95
LOCATION	C3037310	VOLUME	471995.135	3776418.744	346.56
LOCATION	C3037311	VOLUME	471994.879	3776428.440	346.09
LOCATION	C3037312	VOLUME	471992.096	3776437.539	345.98
LOCATION	C3037313	VOLUME	471987.980	3776446.322	346.03
LOCATION	C3037314	VOLUME	471983.864	3776455.106	346.21
LOCATION	C3037315	VOLUME	471979.749	3776463.890	346.50
LOCATION	C3037316	VOLUME	471975.633	3776472.673	346.90
LOCATION	C3037317	VOLUME	471971.517	3776481.457	347.24
LOCATION	C3037318	VOLUME	471967.401	3776490.240	347.40
LOCATION	C3037319	VOLUME	471963.285	3776499.024	347.33
LOCATION	C3037320	VOLUME	471959.170	3776507.807	347.38
LOCATION	C3037321	VOLUME	471955.054	3776516.591	347.52
LOCATION	C3037322	VOLUME	471950.938	3776525.374	347.74
LOCATION	C3037323	VOLUME	471946.822	3776534.158	348.03
LOCATION	C3037324	VOLUME	471942.706	3776542.941	348.14
LOCATION	C3037325	VOLUME	471938.591	3776551.725	347.98
LOCATION	C3037326	VOLUME	471934.475	3776560.508	347.91
LOCATION	C3037327	VOLUME	471930.359	3776569.292	348.09
LOCATION	C3037328	VOLUME	471926.243	3776578.075	348.29
LOCATION	C3037329	VOLUME	471919.519	3776580.664	348.79
LOCATION	C3037330	VOLUME	471910.360	3776577.469	349.56
LOCATION	C3037331	VOLUME	471901.201	3776574.275	350.03
LOCATION	C3037332	VOLUME	471898.623	3776582.007	350.00
LOCATION	C3037333	VOLUME	471897.164	3776591.597	349.97
LOCATION	C3037334	VOLUME	471895.704	3776601.186	349.89

LOCATION	C3037335	VOLUME	471894.244	3776610.776	349.69
LOCATION	C3037336	VOLUME	471892.785	3776620.365	349.44
LOCATION	C3037337	VOLUME	471886.438	3776627.555	349.54
LOCATION	C3037338	VOLUME	471879.743	3776634.575	349.90
LOCATION	C3037339	VOLUME	471873.048	3776641.594	350.17
LOCATION	C3037340	VOLUME	471866.354	3776648.613	350.33
LOCATION	C3037341	VOLUME	471859.659	3776655.632	350.45
LOCATION	C3037342	VOLUME	471852.964	3776662.652	350.73
LOCATION	C3037343	VOLUME	471846.269	3776669.671	350.96
LOCATION	C3037344	VOLUME	471839.575	3776676.690	351.10
LOCATION	C3037345	VOLUME	471832.880	3776683.709	351.19
LOCATION	C3037346	VOLUME	471826.185	3776690.729	351.41
LOCATION	C3037347	VOLUME	471819.490	3776697.748	351.64
LOCATION	C3037348	VOLUME	471812.795	3776704.767	351.76
LOCATION	C3037349	VOLUME	471806.101	3776711.786	351.84
LOCATION	C3037350	VOLUME	471799.406	3776718.806	352.01
LOCATION	C3037351	VOLUME	471792.711	3776725.825	352.25
LOCATION	C3037352	VOLUME	471785.367	3776732.129	352.40
LOCATION	C3037353	VOLUME	471777.728	3776738.107	352.51
LOCATION	C3037354	VOLUME	471770.090	3776744.085	352.65
LOCATION	C3037355	VOLUME	471762.451	3776750.063	352.81
LOCATION	C3037356	VOLUME	471754.812	3776756.041	352.98
LOCATION	C3037357	VOLUME	471747.173	3776762.019	353.13
LOCATION	C3037358	VOLUME	471739.534	3776767.997	353.26
LOCATION	C3037359	VOLUME	471731.895	3776773.975	353.37
LOCATION	C3037360	VOLUME	471724.256	3776779.953	353.51
LOCATION	C3037361	VOLUME	471716.617	3776785.931	353.69
LOCATION	C3037362	VOLUME	471708.978	3776791.909	353.81
LOCATION	C3037363	VOLUME	471701.339	3776797.887	353.90
LOCATION	C3037364	VOLUME	471693.700	3776803.865	354.00
LOCATION	C3037365	VOLUME	471686.053	3776809.832	354.11
LOCATION	C3037366	VOLUME	471678.376	3776815.762	354.24
LOCATION	C3037367	VOLUME	471670.700	3776821.691	354.36
LOCATION	C3037368	VOLUME	471663.023	3776827.621	354.44
LOCATION	C3037369	VOLUME	471655.347	3776833.550	354.52
LOCATION	C3037370	VOLUME	471647.670	3776839.480	354.63
LOCATION	C3037371	VOLUME	471639.993	3776845.410	354.76
LOCATION	C3037372	VOLUME	471632.317	3776851.339	354.86
LOCATION	C3037373	VOLUME	471624.640	3776857.269	354.95
LOCATION	C3037374	VOLUME	471616.964	3776863.198	355.04
LOCATION	C3037375	VOLUME	471609.287	3776869.128	355.13
LOCATION	C3037376	VOLUME	471601.610	3776875.057	355.27
LOCATION	C3037377	VOLUME	471593.934	3776880.987	355.42
LOCATION	C3037378	VOLUME	471586.275	3776886.939	355.55
LOCATION	C3037379	VOLUME	471578.716	3776893.018	355.68
LOCATION	C3037380	VOLUME	471571.158	3776899.098	355.82
LOCATION	C3037381	VOLUME	471563.599	3776905.177	355.97
LOCATION	C3037382	VOLUME	471556.041	3776911.256	356.15

LOCATION	C3037383	VOLUME	471548.482	3776917.336	356.35
LOCATION	C3037384	VOLUME	471540.923	3776923.415	356.50
LOCATION	C3037385	VOLUME	471533.365	3776929.494	356.58
LOCATION	C3037386	VOLUME	471525.806	3776935.573	356.61
LOCATION	C3037387	VOLUME	471518.248	3776941.653	356.75
LOCATION	C3037388	VOLUME	471510.689	3776947.732	356.88
LOCATION	C3037389	VOLUME	471503.131	3776953.811	356.99
LOCATION	C3037390	VOLUME	471495.572	3776959.891	357.10
LOCATION	C3037391	VOLUME	471488.013	3776965.970	357.21
LOCATION	C3037392	VOLUME	471480.455	3776972.049	357.34
LOCATION	C3037393	VOLUME	471472.896	3776978.129	357.45
LOCATION	C3037394	VOLUME	471465.338	3776984.208	357.54
LOCATION	C3037395	VOLUME	471457.779	3776990.287	357.63
LOCATION	C3037396	VOLUME	471450.220	3776996.366	357.73
LOCATION	C3037397	VOLUME	471442.662	3777002.446	357.86
LOCATION	C3037398	VOLUME	471435.103	3777008.525	357.97
LOCATION	C3037399	VOLUME	471427.545	3777014.604	358.06
LOCATION	C3037400	VOLUME	471419.986	3777020.684	358.16
LOCATION	C3037401	VOLUME	471412.428	3777026.763	358.27
LOCATION	C3037402	VOLUME	471404.869	3777032.842	358.40
LOCATION	C3037403	VOLUME	471397.310	3777038.922	358.51
LOCATION	C3037404	VOLUME	471389.752	3777045.001	358.61
LOCATION	C3037405	VOLUME	471382.193	3777051.080	358.71
LOCATION	C3037406	VOLUME	471374.605	3777057.123	358.82
LOCATION	C3037407	VOLUME	471367.013	3777063.160	358.96
LOCATION	C3037408	VOLUME	471359.421	3777069.198	359.11
LOCATION	C3037409	VOLUME	471351.829	3777075.235	359.24
LOCATION	C3037410	VOLUME	471344.237	3777081.273	359.36
LOCATION	C3037411	VOLUME	471336.645	3777087.310	359.50
LOCATION	C3037412	VOLUME	471329.053	3777093.348	359.64
LOCATION	C3037413	VOLUME	471321.461	3777099.385	359.79
LOCATION	C3037414	VOLUME	471313.869	3777105.423	359.93
LOCATION	C3037415	VOLUME	471306.277	3777111.460	360.06
LOCATION	C3037416	VOLUME	471298.685	3777117.498	360.19
LOCATION	C3037417	VOLUME	471291.093	3777123.535	360.33
LOCATION	C3037418	VOLUME	471283.501	3777129.573	360.48
LOCATION	C3037419	VOLUME	471275.909	3777135.610	360.63
LOCATION	C3037420	VOLUME	471268.317	3777141.648	360.76
LOCATION	C3037421	VOLUME	471260.725	3777147.685	360.89
LOCATION	C3037422	VOLUME	471253.133	3777153.723	361.02
LOCATION	C3037423	VOLUME	471245.541	3777159.760	361.16
LOCATION	C3037424	VOLUME	471237.949	3777165.798	361.30
LOCATION	C3037425	VOLUME	471230.357	3777171.835	361.46
LOCATION	C3037426	VOLUME	471222.765	3777177.873	361.61
LOCATION	C3037427	VOLUME	471215.173	3777183.910	361.77
LOCATION	C3037428	VOLUME	471207.581	3777189.948	361.91
LOCATION	C3037429	VOLUME	471199.936	3777195.917	362.07
LOCATION	C3037430	VOLUME	471192.251	3777201.835	362.21

LOCATION	C3037431	VOLUME	471184.565	3777207.754	362.39
LOCATION	C3037432	VOLUME	471176.880	3777213.672	362.61
LOCATION	C3037433	VOLUME	471169.194	3777219.590	362.72
LOCATION	C3037434	VOLUME	471161.509	3777225.508	362.85
LOCATION	C3037435	VOLUME	471153.824	3777231.426	363.02
LOCATION	C3037436	VOLUME	471146.138	3777237.345	363.23
LOCATION	C3037437	VOLUME	471138.453	3777243.263	363.45
LOCATION	C3037438	VOLUME	471130.767	3777249.181	363.60
LOCATION	C3037439	VOLUME	471123.082	3777255.099	363.75
LOCATION	C3037440	VOLUME	471115.397	3777261.017	363.90
LOCATION	C3037441	VOLUME	471107.711	3777266.935	364.11
LOCATION	C3037442	VOLUME	471100.026	3777272.854	364.36
LOCATION	C3037443	VOLUME	471092.340	3777278.772	364.57
LOCATION	C3037444	VOLUME	471084.655	3777284.690	364.70
LOCATION	C3037445	VOLUME	471076.970	3777290.608	364.87
LOCATION	C3037446	VOLUME	471069.284	3777296.526	365.06
LOCATION	C3037447	VOLUME	471061.599	3777302.444	365.24
LOCATION	C3037448	VOLUME	471053.914	3777308.363	365.44
LOCATION	C3037449	VOLUME	471046.228	3777314.281	365.60
LOCATION	C3037450	VOLUME	471038.543	3777320.199	365.71
LOCATION	C3037451	VOLUME	471031.016	3777326.310	365.86
LOCATION	C3037452	VOLUME	471023.716	3777332.698	366.05
LOCATION	C3037453	VOLUME	471016.416	3777339.085	366.24
LOCATION	C3037454	VOLUME	471009.115	3777345.472	366.36
LOCATION	C3037455	VOLUME	471001.815	3777351.859	366.53
LOCATION	C3037456	VOLUME	470994.515	3777358.246	366.73
LOCATION	C3037457	VOLUME	470987.215	3777364.634	366.91
LOCATION	C3037458	VOLUME	470979.914	3777371.021	367.09
LOCATION	C3037459	VOLUME	470972.614	3777377.408	367.27
LOCATION	C3037460	VOLUME	470965.314	3777383.795	367.45
LOCATION	C3037461	VOLUME	470958.014	3777390.182	367.63
LOCATION	C3037462	VOLUME	470950.713	3777396.570	367.81
LOCATION	C3037463	VOLUME	470943.413	3777402.957	367.99
LOCATION	C3037464	VOLUME	470936.113	3777409.344	368.18
LOCATION	C3037465	VOLUME	470928.813	3777415.731	368.36
LOCATION	C3037466	VOLUME	470921.512	3777422.118	368.54
LOCATION	C3037467	VOLUME	470914.507	3777428.821	368.70
LOCATION	C3037468	VOLUME	470907.647	3777435.678	368.90
LOCATION	C3037469	VOLUME	470900.786	3777442.536	369.11
LOCATION	C3037470	VOLUME	470893.926	3777449.394	369.32
LOCATION	C3037471	VOLUME	470887.066	3777456.251	369.49
LOCATION	C3037472	VOLUME	470880.206	3777463.109	369.65
LOCATION	C3037473	VOLUME	470873.346	3777469.967	369.91
LOCATION	C3037474	VOLUME	470866.485	3777476.824	370.20
LOCATION	C3037475	VOLUME	470859.625	3777483.682	370.38
LOCATION	C3037476	VOLUME	470852.765	3777490.540	370.48
LOCATION	C3037477	VOLUME	470845.905	3777497.397	370.66
LOCATION	C3037478	VOLUME	470839.044	3777504.255	370.98

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   LOCATION C3037481     VOLUME   470818.464 3777524.828 371.14
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   LOCATION C3037488     VOLUME   470770.442 3777572.831 372.50
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** End of LINE VOLUME Source ID = CON3
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = CON4
** DESCRSRC construction alignment CO emissions 4
** PREFIX C4
** Length of Side = 9.70
** Configuration = Adjacent
** Emission Rate = 0.010808
** Vertical Dimension = 7.82
** SZINIT = 3.64
** Nodes = 3
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** 469060.162, 3779716.384, 426.97, 5.00, 4.51
** 468981.687, 3779815.250, 428.83, 5.00, 4.51
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   LOCATION C4037510     VOLUME   469150.640 3779599.904 424.25
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   LOCATION C4037513     VOLUME   469132.789 3779622.885 424.85
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   LOCATION C4037516     VOLUME   469114.937 3779645.867 425.48
   LOCATION C4037517     VOLUME   469108.987 3779653.527 425.59
   LOCATION C4037518     VOLUME   469103.037 3779661.187 425.79
   LOCATION C4037519     VOLUME   469097.086 3779668.848 426.00
   LOCATION C4037520     VOLUME   469091.136 3779676.508 426.20
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   LOCATION C4037527     VOLUME   469049.339 3779730.019 427.14
   LOCATION C4037528     VOLUME   469043.309 3779737.616 427.27
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   LOCATION C4037530     VOLUME   469031.248 3779752.811 427.61
   LOCATION C4037531     VOLUME   469025.217 3779760.409 427.71
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   LOCATION C4037534     VOLUME   469007.126 3779783.202 428.26
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** Source Parameters **
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   SRCGROUP BNSFcons C3037138 C3037139 C3037140 C3037141 C3037142 C3037143
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   SRCGROUP BNSFcons C3037150 C3037151 C3037152 C3037153 C3037154 C3037155
   SRCGROUP BNSFcons C3037156 C3037157 C3037158 C3037159 C3037160 C3037161
   SRCGROUP BNSFcons C3037162 C3037163 C3037164 C3037165 C3037166 C3037167
   SRCGROUP BNSFcons C3037168 C3037169 C3037170 C3037171 C3037172 C3037173
   SRCGROUP BNSFcons C3037174 C3037175 C3037176 C3037177 C3037178 C3037179
   SRCGROUP BNSFcons C3037180 C3037181 C3037182 C3037183 C3037184 C3037185
   SRCGROUP BNSFcons C3037186 C3037187 C3037188 C3037189 C3037190 C3037191
   SRCGROUP BNSFcons C3037192 C3037193 C3037194 C3037195 C3037196 C3037197
   SRCGROUP BNSFcons C3037198 C3037199 C3037200 C3037201 C3037202 C3037203
   SRCGROUP BNSFcons C3037204 C3037205 C3037206 C3037207 C3037208 C3037209
   SRCGROUP BNSFcons C3037210 C3037211 C3037212 C3037213 C3037214 C3037215
   SRCGROUP BNSFcons C3037216 C3037217 C3037218 C3037219 C3037220 C3037221
   SRCGROUP BNSFcons C3037222 C3037223 C3037224 C3037225 C3037226 C3037227
   SRCGROUP BNSFcons C3037228 C3037229 C3037230 C3037231 C3037232 C3037233
   SRCGROUP BNSFcons C3037234 C3037235 C3037236 C3037237 C3037238 C3037239
   SRCGROUP BNSFcons C3037240 C3037241 C3037242 C3037243 C3037244 C3037245
   SRCGROUP BNSFcons C3037246 C3037247 C3037248 C3037249 C3037250 C3037251
   SRCGROUP BNSFcons C3037252 C3037253 C3037254 C3037255 C3037256 C3037257
   SRCGROUP BNSFcons C3037258 C3037259 C3037260 C3037261 C3037262 C3037263
   SRCGROUP BNSFcons C3037264 C3037265 C3037266 C3037267 C3037268 C3037269
   SRCGROUP BNSFcons C3037270 C3037271 C3037272 C3037273 C3037274 C3037275
   SRCGROUP BNSFcons C3037276 C3037277 C3037278 C3037279 C3037280 C3037281
   SRCGROUP BNSFcons C3037282 C3037283 C3037284 C3037285 C3037286 C3037287
   SRCGROUP BNSFcons C3037288 C3037289 C3037290 C3037291 C3037292 C3037293
   SRCGROUP BNSFcons C3037294 C3037295 C3037296 C3037297 C3037298 C3037299
   SRCGROUP BNSFcons C3037300 C3037301 C3037302 C3037303 C3037304 C3037305
   SRCGROUP BNSFcons C3037306 C3037307 C3037308 C3037309 C3037310 C3037311
   SRCGROUP BNSFcons C3037312 C3037313 C3037314 C3037315 C3037316 C3037317
   SRCGROUP BNSFcons C3037318 C3037319 C3037320 C3037321 C3037322 C3037323
   SRCGROUP BNSFcons C3037324 C3037325 C3037326 C3037327 C3037328 C3037329
   SRCGROUP BNSFcons C3037330 C3037331 C3037332 C3037333 C3037334 C3037335
   SRCGROUP BNSFcons C3037336 C3037337 C3037338 C3037339 C3037340 C3037341
   SRCGROUP BNSFcons C3037342 C3037343 C3037344 C3037345 C3037346 C3037347
   SRCGROUP BNSFcons C3037348 C3037349 C3037350 C3037351 C3037352 C3037353
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   SRCGROUP BNSFcons C3037354 C3037355 C3037356 C3037357 C3037358 C3037359
   SRCGROUP BNSFcons C3037360 C3037361 C3037362 C3037363 C3037364 C3037365
   SRCGROUP BNSFcons C3037366 C3037367 C3037368 C3037369 C3037370 C3037371
   SRCGROUP BNSFcons C3037372 C3037373 C3037374 C3037375 C3037376 C3037377
   SRCGROUP BNSFcons C3037378 C3037379 C3037380 C3037381 C3037382 C3037383
   SRCGROUP BNSFcons C3037384 C3037385 C3037386 C3037387 C3037388 C3037389
   SRCGROUP BNSFcons C3037390 C3037391 C3037392 C3037393 C3037394 C3037395
   SRCGROUP BNSFcons C3037396 C3037397 C3037398 C3037399 C3037400 C3037401
   SRCGROUP BNSFcons C3037402 C3037403 C3037404 C3037405 C3037406 C3037407
   SRCGROUP BNSFcons C3037408 C3037409 C3037410 C3037411 C3037412 C3037413
   SRCGROUP BNSFcons C3037414 C3037415 C3037416 C3037417 C3037418 C3037419
   SRCGROUP BNSFcons C3037420 C3037421 C3037422 C3037423 C3037424 C3037425
   SRCGROUP BNSFcons C3037426 C3037427 C3037428 C3037429 C3037430 C3037431
   SRCGROUP BNSFcons C3037432 C3037433 C3037434 C3037435 C3037436 C3037437
   SRCGROUP BNSFcons C3037438 C3037439 C3037440 C3037441 C3037442 C3037443
   SRCGROUP BNSFcons C3037444 C3037445 C3037446 C3037447 C3037448 C3037449
   SRCGROUP BNSFcons C3037450 C3037451 C3037452 C3037453 C3037454 C3037455
   SRCGROUP BNSFcons C3037456 C3037457 C3037458 C3037459 C3037460 C3037461
   SRCGROUP BNSFcons C3037462 C3037463 C3037464 C3037465 C3037466 C3037467
   SRCGROUP BNSFcons C3037468 C3037469 C3037470 C3037471 C3037472 C3037473
   SRCGROUP BNSFcons C3037474 C3037475 C3037476 C3037477 C3037478 C3037479
   SRCGROUP BNSFcons C3037480 C3037481 C3037482 C3037483 C3037484 C3037485
   SRCGROUP BNSFcons C3037486 C3037487 C3037488 C3037489 C3037490 C3037491
   SRCGROUP BNSFcons C3037492 C3037493 C3037494 C3037495 C3037496 C3037497
   SRCGROUP BNSFcons C3037498 C3037499 C3037500 C3037501 C3037502 C3037503
   SRCGROUP BNSFcons C3037504 C3037505 C3037506 C3037507 C4037508 C4037509
   SRCGROUP BNSFcons C4037510 C4037511 C4037512 C4037513 C4037514 C4037515
   SRCGROUP BNSFcons C4037516 C4037517 C4037518 C4037519 C4037520 C4037521
   SRCGROUP BNSFcons C4037522 C4037523 C4037524 C4037525 C4037526 C4037527
   SRCGROUP BNSFcons C4037528 C4037529 C4037530 C4037531 C4037532 C4037533
   SRCGROUP BNSFcons C4037534 C4037535 C4037536 C4037537 C4037538
   SRCGROUP ALL
SO FINISHED
**
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
   INCLUDED BNSF_Con_CO.rou
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
```

```
ME STARTING
   SURFFILE ..\_References\FontanaADJU\FONT_V9_ADJU\FONT_v9.SFC
   PROFFILE ..\_References\FontanaADJU\FONT_V9_ADJU\FONT_v9.PFL
   SURFDATA 3102 2011
   UAIRDATA 3190 2011
   SITEDATA 99999 2011
   PROFBASE 367.0 METERS
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
   RECTABLE 8 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST BNSF_CON_CO.AD\01H1GALL.PLT 31
   PLOTFILE 8 ALL 1ST BNSF_CON_CO.AD\08H1GALL.PLT 32
   PLOTFILE 1 BNSFcons 1ST BNSF_CON_CO.AD\01H1G001.PLT 33
   PLOTFILE 8 BNSFcons 1ST BNSF_CON_CO.AD\08H1G001.PLT 34
   SUMMFILE BNSF_Con_CO.sum
OU FINISHED


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

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

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


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


    ********   WARNING MESSAGES   ********
 ME W186    1112       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187    1112       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


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

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

 *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        08:39:22

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

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

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

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

 **Model Uses URBAN Dispersion Algorithm for the SBL for   449 Source(s),
   for Total of    1 Urban Area(s):
   Urban Population =    216995.0 ;  Urban Roughness Length =  1.000 m

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

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

 **Model Assumes No FLAGPOLE Receptor Heights.

 **The User Specified a Pollutant Type of:  CO

 **Model Calculates  2 Short Term Average(s) of:   1-HR   8-HR

 **This Run Includes:    449 Source(s);       2 Source Group(s); and    1037
Receptor(s)
```

```
                                BNSF Ono_Con_CO.ADO
                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    449 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with      0 line(s)


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

 **The AERMET Input Meteorological Data Version Date:  16216

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

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

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   367.00 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC                                ;
Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.9 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   BNSF_Con_CO.err

 **File for Summary of Results:   BNSF_Con_CO.sum

 *** AERMOD - VERSION  19191 ***   *** Construction CO
                           ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 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 BY	EMISSION RATE SCALAR VARY
C3037090	0	0.35192E-03	472029.0	3774428.5	331.1	5.00	4.51	3.64	YES	
C3037091	0	0.35192E-03	472028.7	3774438.2	331.2	5.00	4.51	3.64	YES	
C3037092	0	0.35192E-03	472028.5	3774447.9	331.3	5.00	4.51	3.64	YES	
C3037093	0	0.35192E-03	472028.3	3774457.6	331.4	5.00	4.51	3.64	YES	
C3037094	0	0.35192E-03	472028.1	3774467.3	331.5	5.00	4.51	3.64	YES	
C3037095	0	0.35192E-03	472027.9	3774477.0	331.6	5.00	4.51	3.64	YES	
C3037096	0	0.35192E-03	472022.4	3774484.7	331.7	5.00	4.51	3.64	YES	
C3037097	0	0.35192E-03	472016.3	3774492.3	331.9	5.00	4.51	3.64	YES	
C3037098	0	0.35192E-03	472010.2	3774499.8	332.0	5.00	4.51	3.64	YES	
C3037099	0	0.35192E-03	472004.1	3774507.4	332.1	5.00	4.51	3.64	YES	
C3037100	0	0.35192E-03	472001.7	3774515.7	332.2	5.00	4.51	3.64	YES	
C3037101	0	0.35192E-03	472004.4	3774525.0	332.3	5.00	4.51	3.64	YES	
C3037102	0	0.35192E-03	472007.0	3774534.3	332.4	5.00	4.51	3.64	YES	
C3037103	0	0.35192E-03	472009.7	3774543.7	332.5	5.00	4.51	3.64	YES	
C3037104	0	0.35192E-03	472012.3	3774553.0	332.6	5.00	4.51	3.64	YES	
C3037105	0	0.35192E-03	472017.3	3774561.1	332.5	5.00	4.51			

3.64	YES								
C3037106		0	0.35192E-03	472023.5	3774568.6	332.4	5.00	4.51	
3.64	YES								
C3037107		0	0.35192E-03	472029.7	3774576.0	332.3	5.00	4.51	
3.64	YES								
C3037108		0	0.35192E-03	472031.7	3774584.9	332.3	5.00	4.51	
3.64	YES								
C3037109		0	0.35192E-03	472031.5	3774594.6	332.4	5.00	4.51	
3.64	YES								
C3037110		0	0.35192E-03	472031.2	3774604.3	332.5	5.00	4.51	
3.64	YES								
C3037111		0	0.35192E-03	472031.0	3774614.0	332.6	5.00	4.51	
3.64	YES								
C3037112		0	0.35192E-03	472030.8	3774623.7	332.7	5.00	4.51	
3.64	YES								
C3037113		0	0.35192E-03	472030.5	3774633.4	332.8	5.00	4.51	
3.64	YES								
C3037114		0	0.35192E-03	472030.3	3774643.1	332.9	5.00	4.51	
3.64	YES								
C3037115		0	0.35192E-03	472030.1	3774652.8	333.0	5.00	4.51	
3.64	YES								
C3037116		0	0.35192E-03	472029.8	3774662.5	333.0	5.00	4.51	
3.64	YES								
C3037117		0	0.35192E-03	472029.6	3774672.2	333.1	5.00	4.51	
3.64	YES								
C3037118		0	0.35192E-03	472029.4	3774681.9	333.1	5.00	4.51	
3.64	YES								
C3037119		0	0.35192E-03	472024.1	3774689.5	333.3	5.00	4.51	
3.64	YES								
C3037120		0	0.35192E-03	472017.4	3774696.5	333.4	5.00	4.51	
3.64	YES								
C3037121		0	0.35192E-03	472010.7	3774703.5	333.6	5.00	4.51	
3.64	YES								
C3037122		0	0.35192E-03	472003.9	3774710.4	333.6	5.00	4.51	
3.64	YES								
C3037123		0	0.35192E-03	472002.4	3774719.6	333.7	5.00	4.51	
3.64	YES								
C3037124		0	0.35192E-03	472002.1	3774729.3	333.7	5.00	4.51	
3.64	YES								
C3037125		0	0.35192E-03	472001.8	3774739.0	333.8	5.00	4.51	
3.64	YES								
C3037126		0	0.35192E-03	472001.5	3774748.7	333.8	5.00	4.51	
3.64	YES								
C3037127		0	0.35192E-03	472002.0	3774757.6	333.9	5.00	4.51	
3.64	YES								
C3037128		0	0.35192E-03	472011.7	3774758.3	333.8	5.00	4.51	
3.64	YES								
C3037129		0	0.35192E-03	472021.4	3774758.9	333.7	5.00	4.51	

3.64 YES
↑ *** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 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
C3037130	0	0.35192E-03	472028.5	3774762.0	333.6	5.00	4.51	3.64	YES	
C3037131	0	0.35192E-03	472028.5	3774771.7	333.7	5.00	4.51	3.64	YES	
C3037132	0	0.35192E-03	472028.6	3774781.4	333.8	5.00	4.51	3.64	YES	
C3037133	0	0.35192E-03	472028.7	3774791.1	333.9	5.00	4.51	3.64	YES	
C3037134	0	0.35192E-03	472028.8	3774800.8	333.9	5.00	4.51	3.64	YES	
C3037135	0	0.35192E-03	472028.8	3774810.5	334.0	5.00	4.51	3.64	YES	
C3037136	0	0.35192E-03	472028.9	3774820.2	334.0	5.00	4.51	3.64	YES	
C3037137	0	0.35192E-03	472029.0	3774829.9	334.1	5.00	4.51	3.64	YES	
C3037138	0	0.35192E-03	472027.0	3774838.8	334.2	5.00	4.51	3.64	YES	
C3037139	0	0.35192E-03	472020.1	3774845.5	334.3	5.00	4.51	3.64	YES	
C3037140	0	0.35192E-03	472014.4	3774852.9	334.4	5.00	4.51	3.64	YES	
C3037141	0	0.35192E-03	472013.4	3774862.6	334.5	5.00	4.51	3.64	YES	
C3037142	0	0.35192E-03	472012.3	3774872.2	334.6	5.00	4.51	3.64	YES	
C3037143	0	0.35192E-03	472011.2	3774881.8	334.8	5.00	4.51			

C3037144	0	0.35192E-03	472018.3	3774888.3	334.8	5.00	4.51	3.64	YES
C3037145	0	0.35192E-03	472025.6	3774894.8	334.7	5.00	4.51	3.64	YES
C3037146	0	0.35192E-03	472030.5	3774902.3	334.7	5.00	4.51	3.64	YES
C3037147	0	0.35192E-03	472030.7	3774912.0	334.8	5.00	4.51	3.64	YES
C3037148	0	0.35192E-03	472030.9	3774921.7	334.9	5.00	4.51	3.64	YES
C3037149	0	0.35192E-03	472031.1	3774931.4	335.0	5.00	4.51	3.64	YES
C3037150	0	0.35192E-03	472031.3	3774941.1	335.1	5.00	4.51	3.64	YES
C3037151	0	0.35192E-03	472031.5	3774950.8	335.2	5.00	4.51	3.64	YES
C3037152	0	0.35192E-03	472031.7	3774960.5	335.3	5.00	4.51	3.64	YES
C3037153	0	0.35192E-03	472031.9	3774970.2	335.4	5.00	4.51	3.64	YES
C3037154	0	0.35192E-03	472032.1	3774979.9	335.6	5.00	4.51	3.64	YES
C3037155	0	0.35192E-03	472032.3	3774989.6	335.8	5.00	4.51	3.64	YES
C3037156	0	0.35192E-03	472032.5	3774999.3	336.1	5.00	4.51	3.64	YES
C3037157	0	0.35192E-03	472032.6	3775009.0	336.4	5.00	4.51	3.64	YES
C3037158	0	0.35192E-03	472032.8	3775018.7	336.7	5.00	4.51	3.64	YES
C3037159	0	0.35192E-03	472033.0	3775028.4	336.8	5.00	4.51	3.64	YES
C3037160	0	0.35192E-03	472033.2	3775038.1	336.6	5.00	4.51	3.64	YES
C3037161	0	0.35192E-03	472033.4	3775047.8	336.4	5.00	4.51	3.64	YES
C3037162	0	0.35192E-03	472033.6	3775057.4	336.3	5.00	4.51	3.64	YES
C3037163	0	0.35192E-03	472033.8	3775067.1	336.4	5.00	4.51	3.64	YES
C3037164	0	0.35192E-03	472034.3	3775076.8	336.4	5.00	4.51	3.64	YES
C3037165	0	0.35192E-03	472034.9	3775086.5	336.4	5.00	4.51	3.64	YES
C3037166	0	0.35192E-03	472035.4	3775096.2	336.5	5.00	4.51	3.64	YES
C3037167	0	0.35192E-03	472036.0	3775105.9	336.5	5.00	4.51		

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3.64     YES
 C3037168         0   0.35192E-03  472036.5 3775115.6   336.6     5.00     4.51
3.64     YES
 C3037169         0   0.35192E-03  472037.1 3775125.3   336.7     5.00     4.51
3.64     YES
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        08:39:22

                                   PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 C3037170         0   0.35192E-03  472037.7 3775134.9   336.8     5.00     4.51
3.64     YES
 C3037171         0   0.35192E-03  472038.2 3775144.6   336.9     5.00     4.51
3.64     YES
 C3037172         0   0.35192E-03  472038.8 3775154.3   336.9     5.00     4.51
3.64     YES
 C3037173         0   0.35192E-03  472039.3 3775164.0   337.0     5.00     4.51
3.64     YES
 C3037174         0   0.35192E-03  472039.9 3775173.7   337.1     5.00     4.51
3.64     YES
 C3037175         0   0.35192E-03  472040.5 3775183.4   337.2     5.00     4.51
3.64     YES
 C3037176         0   0.35192E-03  472041.0 3775193.0   337.3     5.00     4.51
3.64     YES
 C3037177         0   0.35192E-03  472041.6 3775202.7   337.4     5.00     4.51
3.64     YES
 C3037178         0   0.35192E-03  472042.1 3775212.4   337.5     5.00     4.51
3.64     YES
 C3037179         0   0.35192E-03  472042.7 3775222.1   337.5     5.00     4.51
3.64     YES
 C3037180         0   0.35192E-03  472043.2 3775231.8   337.6     5.00     4.51
3.64     YES
 C3037181         0   0.35192E-03  472043.8 3775241.5   337.7     5.00     4.51
```

C3037182	0	0.35192E-03	472044.4	3775251.1	337.8	5.00	4.51	3.64	YES
C3037183	0	0.35192E-03	472037.7	3775257.2	338.0	5.00	4.51	3.64	YES
C3037184	0	0.35192E-03	472029.6	3775262.6	338.2	5.00	4.51	3.64	YES
C3037185	0	0.35192E-03	472023.7	3775269.1	338.3	5.00	4.51	3.64	YES
C3037186	0	0.35192E-03	472023.9	3775278.8	338.4	5.00	4.51	3.64	YES
C3037187	0	0.35192E-03	472024.1	3775288.5	338.5	5.00	4.51	3.64	YES
C3037188	0	0.35192E-03	472024.3	3775298.2	338.6	5.00	4.51	3.64	YES
C3037189	0	0.35192E-03	472024.6	3775307.9	338.7	5.00	4.51	3.64	YES
C3037190	0	0.35192E-03	472024.8	3775317.6	338.7	5.00	4.51	3.64	YES
C3037191	0	0.35192E-03	472025.0	3775327.3	338.8	5.00	4.51	3.64	YES
C3037192	0	0.35192E-03	472025.3	3775337.0	338.9	5.00	4.51	3.64	YES
C3037193	0	0.35192E-03	472025.5	3775346.7	339.0	5.00	4.51	3.64	YES
C3037194	0	0.35192E-03	472025.7	3775356.4	339.1	5.00	4.51	3.64	YES
C3037195	0	0.35192E-03	472025.9	3775366.1	339.2	5.00	4.51	3.64	YES
C3037196	0	0.35192E-03	472026.2	3775375.8	339.4	5.00	4.51	3.64	YES
C3037197	0	0.35192E-03	472026.4	3775385.5	339.5	5.00	4.51	3.64	YES
C3037198	0	0.35192E-03	472026.6	3775395.1	339.6	5.00	4.51	3.64	YES
C3037199	0	0.35192E-03	472026.8	3775404.8	339.7	5.00	4.51	3.64	YES
C3037200	0	0.35192E-03	472018.7	3775409.2	339.8	5.00	4.51	3.64	YES
C3037201	0	0.35192E-03	472009.8	3775413.0	339.9	5.00	4.51	3.64	YES
C3037202	0	0.35192E-03	472000.9	3775416.8	340.1	5.00	4.51	3.64	YES
C3037203	0	0.35192E-03	471991.9	3775420.6	340.2	5.00	4.51	3.64	YES
C3037204	0	0.35192E-03	471995.4	3775427.6	340.2	5.00	4.51	3.64	YES
C3037205	0	0.35192E-03	472001.3	3775435.3	340.2	5.00	4.51		

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3.64     YES
 C3037206         0   0.35192E-03  472007.2 3775443.0   340.2     5.00     4.51
3.64     YES
 C3037207         0   0.35192E-03  472013.1 3775450.6   340.3     5.00     4.51
3.64     YES
 C3037208         0   0.35192E-03  472019.0 3775458.3   340.4     5.00     4.51
3.64     YES
 C3037209         0   0.35192E-03  472020.8 3775467.5   340.5     5.00     4.51
3.64     YES
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                     *** VOLUME SOURCE DATA ***

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

 C3037210         0   0.35192E-03  472020.8 3775477.2   340.6     5.00     4.51
3.64     YES
 C3037211         0   0.35192E-03  472020.9 3775486.9   340.8     5.00     4.51
3.64     YES
 C3037212         0   0.35192E-03  472021.0 3775496.6   340.8     5.00     4.51
3.64     YES
 C3037213         0   0.35192E-03  472021.0 3775506.3   340.9     5.00     4.51
3.64     YES
 C3037214         0   0.35192E-03  472021.1 3775516.0   340.9     5.00     4.51
3.64     YES
 C3037215         0   0.35192E-03  472021.2 3775525.7   341.0     5.00     4.51
3.64     YES
 C3037216         0   0.35192E-03  472021.2 3775535.4   341.1     5.00     4.51
3.64     YES
 C3037217         0   0.35192E-03  472021.3 3775545.1   341.1     5.00     4.51
3.64     YES
 C3037218         0   0.35192E-03  472021.4 3775554.8   341.2     5.00     4.51
3.64     YES
 C3037219         0   0.35192E-03  472021.4 3775564.5   341.4     5.00     4.51
```

C3037220	0	0.35192E-03	472021.5	3775574.2	341.5	5.00	4.51	3.64	YES
C3037221	0	0.35192E-03	472022.1	3775583.8	341.7	5.00	4.51	3.64	YES
C3037222	0	0.35192E-03	472022.7	3775593.5	342.0	5.00	4.51	3.64	YES
C3037223	0	0.35192E-03	472023.4	3775603.2	342.3	5.00	4.51	3.64	YES
C3037224	0	0.35192E-03	472024.0	3775612.9	342.8	5.00	4.51	3.64	YES
C3037225	0	0.35192E-03	472028.6	3775620.6	343.1	5.00	4.51	3.64	YES
C3037226	0	0.35192E-03	472035.9	3775626.9	342.5	5.00	4.51	3.64	YES
C3037227	0	0.35192E-03	472043.3	3775633.3	341.7	5.00	4.51	3.64	YES
C3037228	0	0.35192E-03	472046.8	3775641.3	341.4	5.00	4.51	3.64	YES
C3037229	0	0.35192E-03	472046.7	3775651.0	341.5	5.00	4.51	3.64	YES
C3037230	0	0.35192E-03	472046.6	3775660.7	341.6	5.00	4.51	3.64	YES
C3037231	0	0.35192E-03	472046.5	3775670.4	341.6	5.00	4.51	3.64	YES
C3037232	0	0.35192E-03	472046.4	3775680.1	341.8	5.00	4.51	3.64	YES
C3037233	0	0.35192E-03	472046.3	3775689.8	341.9	5.00	4.51	3.64	YES
C3037234	0	0.35192E-03	472046.2	3775699.5	342.1	5.00	4.51	3.64	YES
C3037235	0	0.35192E-03	472046.1	3775709.2	342.2	5.00	4.51	3.64	YES
C3037236	0	0.35192E-03	472046.0	3775718.9	342.3	5.00	4.51	3.64	YES
C3037237	0	0.35192E-03	472045.9	3775728.6	342.3	5.00	4.51	3.64	YES
C3037238	0	0.35192E-03	472045.8	3775738.3	342.4	5.00	4.51	3.64	YES
C3037239	0	0.35192E-03	472045.7	3775748.0	342.5	5.00	4.51	3.64	YES
C3037240	0	0.35192E-03	472045.6	3775757.7	342.6	5.00	4.51	3.64	YES
C3037241	0	0.35192E-03	472045.5	3775767.4	342.7	5.00	4.51	3.64	YES
C3037242	0	0.35192E-03	472045.4	3775777.1	342.9	5.00	4.51	3.64	YES
C3037243	0	0.35192E-03	472045.3	3775786.8	343.1	5.00	4.51		

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3.64     YES
 C3037244         0   0.35192E-03  472045.2 3775796.5   343.3     5.00     4.51
3.64     YES
 C3037245         0   0.35192E-03  472045.1 3775806.2   343.5     5.00     4.51
3.64     YES
 C3037246         0   0.35192E-03  472045.0 3775815.9   343.7     5.00     4.51
3.64     YES
 C3037247         0   0.35192E-03  472044.9 3775825.6   343.9     5.00     4.51
3.64     YES
 C3037248         0   0.35192E-03  472044.8 3775835.3   344.0     5.00     4.51
3.64     YES
 C3037249         0   0.35192E-03  472044.7 3775845.0   344.0     5.00     4.51
3.64     YES
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                     *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 C3037250         0   0.35192E-03  472044.6 3775854.7   344.0     5.00     4.51
3.64     YES
 C3037251         0   0.35192E-03  472044.5 3775864.4   344.0     5.00     4.51
3.64     YES
 C3037252         0   0.35192E-03  472044.5 3775874.1   344.0     5.00     4.51
3.64     YES
 C3037253         0   0.35192E-03  472044.5 3775883.8   344.0     5.00     4.51
3.64     YES
 C3037254         0   0.35192E-03  472044.5 3775893.5   344.0     5.00     4.51
3.64     YES
 C3037255         0   0.35192E-03  472044.5 3775903.2   344.0     5.00     4.51
3.64     YES
 C3037256         0   0.35192E-03  472044.5 3775912.9   344.1     5.00     4.51
3.64     YES
 C3037257         0   0.35192E-03  472044.5 3775922.6   344.1     5.00     4.51
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C3037258	0	0.35192E-03	472044.5	3775932.3	344.1	5.00	4.51	3.64	YES
C3037259	0	0.35192E-03	472044.5	3775942.0	344.2	5.00	4.51	3.64	YES
C3037260	0	0.35192E-03	472044.5	3775951.7	344.2	5.00	4.51	3.64	YES
C3037261	0	0.35192E-03	472044.5	3775961.4	344.3	5.00	4.51	3.64	YES
C3037262	0	0.35192E-03	472044.5	3775971.1	344.4	5.00	4.51	3.64	YES
C3037263	0	0.35192E-03	472044.5	3775980.8	344.4	5.00	4.51	3.64	YES
C3037264	0	0.35192E-03	472044.5	3775990.5	344.5	5.00	4.51	3.64	YES
C3037265	0	0.35192E-03	472044.5	3776000.2	344.6	5.00	4.51	3.64	YES
C3037266	0	0.35192E-03	472044.2	3776009.8	344.7	5.00	4.51	3.64	YES
C3037267	0	0.35192E-03	472038.3	3776017.6	345.1	5.00	4.51	3.64	YES
C3037268	0	0.35192E-03	472032.5	3776025.3	345.2	5.00	4.51	3.64	YES
C3037269	0	0.35192E-03	472026.7	3776033.1	345.4	5.00	4.51	3.64	YES
C3037270	0	0.35192E-03	472023.6	3776041.7	345.5	5.00	4.51	3.64	YES
C3037271	0	0.35192E-03	472023.9	3776051.4	345.6	5.00	4.51	3.64	YES
C3037272	0	0.35192E-03	472024.1	3776061.1	345.7	5.00	4.51	3.64	YES
C3037273	0	0.35192E-03	472024.4	3776070.8	345.7	5.00	4.51	3.64	YES
C3037274	0	0.35192E-03	472024.6	3776080.5	345.8	5.00	4.51	3.64	YES
C3037275	0	0.35192E-03	472024.9	3776090.2	345.8	5.00	4.51	3.64	YES
C3037276	0	0.35192E-03	472025.1	3776099.9	345.9	5.00	4.51	3.64	YES
C3037277	0	0.35192E-03	472025.4	3776109.6	345.9	5.00	4.51	3.64	YES
C3037278	0	0.35192E-03	472025.6	3776119.3	346.0	5.00	4.51	3.64	YES
C3037279	0	0.35192E-03	472025.9	3776129.0	346.0	5.00	4.51	3.64	YES
C3037280	0	0.35192E-03	472026.1	3776138.7	346.1	5.00	4.51	3.64	YES
C3037281	0	0.35192E-03	472026.6	3776148.4	346.1	5.00	4.51		

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3.64     YES
 C3037282         0   0.35192E-03  472027.9 3776158.0   346.2     5.00     4.51
3.64     YES
 C3037283         0   0.35192E-03  472029.2 3776167.6   346.3     5.00     4.51
3.64     YES
 C3037284         0   0.35192E-03  472030.6 3776177.2   346.3     5.00     4.51
3.64     YES
 C3037285         0   0.35192E-03  472031.9 3776186.8   346.4     5.00     4.51
3.64     YES
 C3037286         0   0.35192E-03  472033.3 3776196.4   346.5     5.00     4.51
3.64     YES
 C3037287         0   0.35192E-03  472034.6 3776206.0   346.5     5.00     4.51
3.64     YES
 C3037288         0   0.35192E-03  472036.0 3776215.6   346.6     5.00     4.51
3.64     YES
 C3037289         0   0.35192E-03  472035.3 3776225.3   346.6     5.00     4.51
3.64     YES
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                     *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 C3037290         0   0.35192E-03  472034.3 3776234.9   346.6     5.00     4.51
3.64     YES
 C3037291         0   0.35192E-03  472033.3 3776244.6   346.6     5.00     4.51
3.64     YES
 C3037292         0   0.35192E-03  472032.4 3776254.2   346.6     5.00     4.51
3.64     YES
 C3037293         0   0.35192E-03  472031.4 3776263.9   346.4     5.00     4.51
3.64     YES
 C3037294         0   0.35192E-03  472030.5 3776273.5   346.3     5.00     4.51
3.64     YES
 C3037295         0   0.35192E-03  472029.5 3776283.2   346.3     5.00     4.51
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C3037296	0	0.35192E-03	472028.6	3776292.8	346.2	5.00	4.51	3.64	YES
C3037297	0	0.35192E-03	472027.6	3776302.5	346.1	5.00	4.51	3.64	YES
C3037298	0	0.35192E-03	472026.0	3776312.0	346.1	5.00	4.51	3.64	YES
C3037299	0	0.35192E-03	472024.1	3776321.6	346.2	5.00	4.51	3.64	YES
C3037300	0	0.35192E-03	472022.2	3776331.1	346.2	5.00	4.51	3.64	YES
C3037301	0	0.35192E-03	472020.4	3776340.6	346.3	5.00	4.51	3.64	YES
C3037302	0	0.35192E-03	472018.5	3776350.1	346.5	5.00	4.51	3.64	YES
C3037303	0	0.35192E-03	472016.6	3776359.6	346.2	5.00	4.51	3.64	YES
C3037304	0	0.35192E-03	472014.7	3776369.1	345.8	5.00	4.51	3.64	YES
C3037305	0	0.35192E-03	472007.9	3776375.8	346.2	5.00	4.51	3.64	YES
C3037306	0	0.35192E-03	472000.5	3776382.1	346.9	5.00	4.51	3.64	YES
C3037307	0	0.35192E-03	471995.9	3776389.7	347.3	5.00	4.51	3.64	YES
C3037308	0	0.35192E-03	471995.6	3776399.3	347.1	5.00	4.51	3.64	YES
C3037309	0	0.35192E-03	471995.4	3776409.0	346.9	5.00	4.51	3.64	YES
C3037310	0	0.35192E-03	471995.1	3776418.7	346.6	5.00	4.51	3.64	YES
C3037311	0	0.35192E-03	471994.9	3776428.4	346.1	5.00	4.51	3.64	YES
C3037312	0	0.35192E-03	471992.1	3776437.5	346.0	5.00	4.51	3.64	YES
C3037313	0	0.35192E-03	471988.0	3776446.3	346.0	5.00	4.51	3.64	YES
C3037314	0	0.35192E-03	471983.9	3776455.1	346.2	5.00	4.51	3.64	YES
C3037315	0	0.35192E-03	471979.7	3776463.9	346.5	5.00	4.51	3.64	YES
C3037316	0	0.35192E-03	471975.6	3776472.7	346.9	5.00	4.51	3.64	YES
C3037317	0	0.35192E-03	471971.5	3776481.5	347.2	5.00	4.51	3.64	YES
C3037318	0	0.35192E-03	471967.4	3776490.2	347.4	5.00	4.51	3.64	YES
C3037319	0	0.35192E-03	471963.3	3776499.0	347.3	5.00	4.51		

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3.64     YES
 C3037320         0   0.35192E-03  471959.2 3776507.8   347.4     5.00     4.51
3.64     YES
 C3037321         0   0.35192E-03  471955.1 3776516.6   347.5     5.00     4.51
3.64     YES
 C3037322         0   0.35192E-03  471950.9 3776525.4   347.7     5.00     4.51
3.64     YES
 C3037323         0   0.35192E-03  471946.8 3776534.2   348.0     5.00     4.51
3.64     YES
 C3037324         0   0.35192E-03  471942.7 3776542.9   348.1     5.00     4.51
3.64     YES
 C3037325         0   0.35192E-03  471938.6 3776551.7   348.0     5.00     4.51
3.64     YES
 C3037326         0   0.35192E-03  471934.5 3776560.5   347.9     5.00     4.51
3.64     YES
 C3037327         0   0.35192E-03  471930.4 3776569.3   348.1     5.00     4.51
3.64     YES
 C3037328         0   0.35192E-03  471926.2 3776578.1   348.3     5.00     4.51
3.64     YES
 C3037329         0   0.35192E-03  471919.5 3776580.7   348.8     5.00     4.51
3.64     YES
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                     *** VOLUME SOURCE DATA ***

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

 C3037330         0   0.35192E-03  471910.4 3776577.5   349.6     5.00     4.51
3.64     YES
 C3037331         0   0.35192E-03  471901.2 3776574.3   350.0     5.00     4.51
3.64     YES
 C3037332         0   0.35192E-03  471898.6 3776582.0   350.0     5.00     4.51
3.64     YES
 C3037333         0   0.35192E-03  471897.2 3776591.6   350.0     5.00     4.51
```

C3037334	0	0.35192E-03	471895.7	3776601.2	349.9	5.00	4.51	3.64	YES
C3037335	0	0.35192E-03	471894.2	3776610.8	349.7	5.00	4.51	3.64	YES
C3037336	0	0.35192E-03	471892.8	3776620.4	349.4	5.00	4.51	3.64	YES
C3037337	0	0.35192E-03	471886.4	3776627.6	349.5	5.00	4.51	3.64	YES
C3037338	0	0.35192E-03	471879.7	3776634.6	349.9	5.00	4.51	3.64	YES
C3037339	0	0.35192E-03	471873.0	3776641.6	350.2	5.00	4.51	3.64	YES
C3037340	0	0.35192E-03	471866.4	3776648.6	350.3	5.00	4.51	3.64	YES
C3037341	0	0.35192E-03	471859.7	3776655.6	350.4	5.00	4.51	3.64	YES
C3037342	0	0.35192E-03	471853.0	3776662.7	350.7	5.00	4.51	3.64	YES
C3037343	0	0.35192E-03	471846.3	3776669.7	351.0	5.00	4.51	3.64	YES
C3037344	0	0.35192E-03	471839.6	3776676.7	351.1	5.00	4.51	3.64	YES
C3037345	0	0.35192E-03	471832.9	3776683.7	351.2	5.00	4.51	3.64	YES
C3037346	0	0.35192E-03	471826.2	3776690.7	351.4	5.00	4.51	3.64	YES
C3037347	0	0.35192E-03	471819.5	3776697.7	351.6	5.00	4.51	3.64	YES
C3037348	0	0.35192E-03	471812.8	3776704.8	351.8	5.00	4.51	3.64	YES
C3037349	0	0.35192E-03	471806.1	3776711.8	351.8	5.00	4.51	3.64	YES
C3037350	0	0.35192E-03	471799.4	3776718.8	352.0	5.00	4.51	3.64	YES
C3037351	0	0.35192E-03	471792.7	3776725.8	352.2	5.00	4.51	3.64	YES
C3037352	0	0.35192E-03	471785.4	3776732.1	352.4	5.00	4.51	3.64	YES
C3037353	0	0.35192E-03	471777.7	3776738.1	352.5	5.00	4.51	3.64	YES
C3037354	0	0.35192E-03	471770.1	3776744.1	352.7	5.00	4.51	3.64	YES
C3037355	0	0.35192E-03	471762.5	3776750.1	352.8	5.00	4.51	3.64	YES
C3037356	0	0.35192E-03	471754.8	3776756.0	353.0	5.00	4.51	3.64	YES
C3037357	0	0.35192E-03	471747.2	3776762.0	353.1	5.00	4.51		

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3.64     YES
 C3037358         0   0.35192E-03  471739.5 3776768.0   353.3     5.00     4.51
3.64     YES
 C3037359         0   0.35192E-03  471731.9 3776774.0   353.4     5.00     4.51
3.64     YES
 C3037360         0   0.35192E-03  471724.3 3776780.0   353.5     5.00     4.51
3.64     YES
 C3037361         0   0.35192E-03  471716.6 3776785.9   353.7     5.00     4.51
3.64     YES
 C3037362         0   0.35192E-03  471709.0 3776791.9   353.8     5.00     4.51
3.64     YES
 C3037363         0   0.35192E-03  471701.3 3776797.9   353.9     5.00     4.51
3.64     YES
 C3037364         0   0.35192E-03  471693.7 3776803.9   354.0     5.00     4.51
3.64     YES
 C3037365         0   0.35192E-03  471686.1 3776809.8   354.1     5.00     4.51
3.64     YES
 C3037366         0   0.35192E-03  471678.4 3776815.8   354.2     5.00     4.51
3.64     YES
 C3037367         0   0.35192E-03  471670.7 3776821.7   354.4     5.00     4.51
3.64     YES
 C3037368         0   0.35192E-03  471663.0 3776827.6   354.4     5.00     4.51
3.64     YES
 C3037369         0   0.35192E-03  471655.3 3776833.5   354.5     5.00     4.51
3.64     YES
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

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

 C3037370         0   0.35192E-03  471647.7 3776839.5   354.6     5.00     4.51
3.64     YES
 C3037371         0   0.35192E-03  471640.0 3776845.4   354.8     5.00     4.51
```

C3037372	0	0.35192E-03	471632.3	3776851.3	354.9	5.00	4.51	3.64	YES
C3037373	0	0.35192E-03	471624.6	3776857.3	354.9	5.00	4.51	3.64	YES
C3037374	0	0.35192E-03	471617.0	3776863.2	355.0	5.00	4.51	3.64	YES
C3037375	0	0.35192E-03	471609.3	3776869.1	355.1	5.00	4.51	3.64	YES
C3037376	0	0.35192E-03	471601.6	3776875.1	355.3	5.00	4.51	3.64	YES
C3037377	0	0.35192E-03	471593.9	3776881.0	355.4	5.00	4.51	3.64	YES
C3037378	0	0.35192E-03	471586.3	3776886.9	355.6	5.00	4.51	3.64	YES
C3037379	0	0.35192E-03	471578.7	3776893.0	355.7	5.00	4.51	3.64	YES
C3037380	0	0.35192E-03	471571.2	3776899.1	355.8	5.00	4.51	3.64	YES
C3037381	0	0.35192E-03	471563.6	3776905.2	356.0	5.00	4.51	3.64	YES
C3037382	0	0.35192E-03	471556.0	3776911.3	356.2	5.00	4.51	3.64	YES
C3037383	0	0.35192E-03	471548.5	3776917.3	356.4	5.00	4.51	3.64	YES
C3037384	0	0.35192E-03	471540.9	3776923.4	356.5	5.00	4.51	3.64	YES
C3037385	0	0.35192E-03	471533.4	3776929.5	356.6	5.00	4.51	3.64	YES
C3037386	0	0.35192E-03	471525.8	3776935.6	356.6	5.00	4.51	3.64	YES
C3037387	0	0.35192E-03	471518.2	3776941.7	356.8	5.00	4.51	3.64	YES
C3037388	0	0.35192E-03	471510.7	3776947.7	356.9	5.00	4.51	3.64	YES
C3037389	0	0.35192E-03	471503.1	3776953.8	357.0	5.00	4.51	3.64	YES
C3037390	0	0.35192E-03	471495.6	3776959.9	357.1	5.00	4.51	3.64	YES
C3037391	0	0.35192E-03	471488.0	3776966.0	357.2	5.00	4.51	3.64	YES
C3037392	0	0.35192E-03	471480.5	3776972.0	357.3	5.00	4.51	3.64	YES
C3037393	0	0.35192E-03	471472.9	3776978.1	357.4	5.00	4.51	3.64	YES
C3037394	0	0.35192E-03	471465.3	3776984.2	357.5	5.00	4.51	3.64	YES
C3037395	0	0.35192E-03	471457.8	3776990.3	357.6	5.00	4.51		

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3.64     YES
 C3037396         0   0.35192E-03  471450.2 3776996.4   357.7     5.00     4.51
3.64     YES
 C3037397         0   0.35192E-03  471442.7 3777002.4   357.9     5.00     4.51
3.64     YES
 C3037398         0   0.35192E-03  471435.1 3777008.5   358.0     5.00     4.51
3.64     YES
 C3037399         0   0.35192E-03  471427.5 3777014.6   358.1     5.00     4.51
3.64     YES
 C3037400         0   0.35192E-03  471420.0 3777020.7   358.2     5.00     4.51
3.64     YES
 C3037401         0   0.35192E-03  471412.4 3777026.8   358.3     5.00     4.51
3.64     YES
 C3037402         0   0.35192E-03  471404.9 3777032.8   358.4     5.00     4.51
3.64     YES
 C3037403         0   0.35192E-03  471397.3 3777038.9   358.5     5.00     4.51
3.64     YES
 C3037404         0   0.35192E-03  471389.8 3777045.0   358.6     5.00     4.51
3.64     YES
 C3037405         0   0.35192E-03  471382.2 3777051.1   358.7     5.00     4.51
3.64     YES
 C3037406         0   0.35192E-03  471374.6 3777057.1   358.8     5.00     4.51
3.64     YES
 C3037407         0   0.35192E-03  471367.0 3777063.2   359.0     5.00     4.51
3.64     YES
 C3037408         0   0.35192E-03  471359.4 3777069.2   359.1     5.00     4.51
3.64     YES
 C3037409         0   0.35192E-03  471351.8 3777075.2   359.2     5.00     4.51
3.64     YES
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        08:39:22

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 C3037410          0   0.35192E-03  471344.2 3777081.3   359.4     5.00     4.51
3.64     YES
 C3037411          0   0.35192E-03  471336.6 3777087.3   359.5     5.00     4.51
3.64     YES
 C3037412          0   0.35192E-03  471329.1 3777093.3   359.6     5.00     4.51
3.64     YES
 C3037413          0   0.35192E-03  471321.5 3777099.4   359.8     5.00     4.51
3.64     YES
 C3037414          0   0.35192E-03  471313.9 3777105.4   359.9     5.00     4.51
3.64     YES
 C3037415          0   0.35192E-03  471306.3 3777111.5   360.1     5.00     4.51
3.64     YES
 C3037416          0   0.35192E-03  471298.7 3777117.5   360.2     5.00     4.51
3.64     YES
 C3037417          0   0.35192E-03  471291.1 3777123.5   360.3     5.00     4.51
3.64     YES
 C3037418          0   0.35192E-03  471283.5 3777129.6   360.5     5.00     4.51
3.64     YES
 C3037419          0   0.35192E-03  471275.9 3777135.6   360.6     5.00     4.51
3.64     YES
 C3037420          0   0.35192E-03  471268.3 3777141.6   360.8     5.00     4.51
3.64     YES
 C3037421          0   0.35192E-03  471260.7 3777147.7   360.9     5.00     4.51
3.64     YES
 C3037422          0   0.35192E-03  471253.1 3777153.7   361.0     5.00     4.51
3.64     YES
 C3037423          0   0.35192E-03  471245.5 3777159.8   361.2     5.00     4.51
3.64     YES
 C3037424          0   0.35192E-03  471237.9 3777165.8   361.3     5.00     4.51
3.64     YES
 C3037425          0   0.35192E-03  471230.4 3777171.8   361.5     5.00     4.51
3.64     YES
 C3037426          0   0.35192E-03  471222.8 3777177.9   361.6     5.00     4.51
3.64     YES
 C3037427          0   0.35192E-03  471215.2 3777183.9   361.8     5.00     4.51
3.64     YES
 C3037428          0   0.35192E-03  471207.6 3777189.9   361.9     5.00     4.51
3.64     YES
 C3037429          0   0.35192E-03  471199.9 3777195.9   362.1     5.00     4.51
3.64     YES
 C3037430          0   0.35192E-03  471192.3 3777201.8   362.2     5.00     4.51
3.64     YES
 C3037431          0   0.35192E-03  471184.6 3777207.8   362.4     5.00     4.51
3.64     YES
 C3037432          0   0.35192E-03  471176.9 3777213.7   362.6     5.00     4.51
3.64     YES
 C3037433          0   0.35192E-03  471169.2 3777219.6   362.7     5.00     4.51
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3.64     YES
 C3037434         0   0.35192E-03  471161.5 3777225.5   362.9     5.00     4.51
3.64     YES
 C3037435         0   0.35192E-03  471153.8 3777231.4   363.0     5.00     4.51
3.64     YES
 C3037436         0   0.35192E-03  471146.1 3777237.3   363.2     5.00     4.51
3.64     YES
 C3037437         0   0.35192E-03  471138.5 3777243.3   363.4     5.00     4.51
3.64     YES
 C3037438         0   0.35192E-03  471130.8 3777249.2   363.6     5.00     4.51
3.64     YES
 C3037439         0   0.35192E-03  471123.1 3777255.1   363.8     5.00     4.51
3.64     YES
 C3037440         0   0.35192E-03  471115.4 3777261.0   363.9     5.00     4.51
3.64     YES
 C3037441         0   0.35192E-03  471107.7 3777266.9   364.1     5.00     4.51
3.64     YES
 C3037442         0   0.35192E-03  471100.0 3777272.9   364.4     5.00     4.51
3.64     YES
 C3037443         0   0.35192E-03  471092.3 3777278.8   364.6     5.00     4.51
3.64     YES
 C3037444         0   0.35192E-03  471084.7 3777284.7   364.7     5.00     4.51
3.64     YES
 C3037445         0   0.35192E-03  471077.0 3777290.6   364.9     5.00     4.51
3.64     YES
 C3037446         0   0.35192E-03  471069.3 3777296.5   365.1     5.00     4.51
3.64     YES
 C3037447         0   0.35192E-03  471061.6 3777302.4   365.2     5.00     4.51
3.64     YES
 C3037448         0   0.35192E-03  471053.9 3777308.4   365.4     5.00     4.51
3.64     YES
 C3037449         0   0.35192E-03  471046.2 3777314.3   365.6     5.00     4.51
3.64     YES
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
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     ID         CATS.                (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 C3037450         0   0.35192E-03  471038.5 3777320.2   365.7     5.00     4.51
3.64     YES
 C3037451         0   0.35192E-03  471031.0 3777326.3   365.9     5.00     4.51
3.64     YES
 C3037452         0   0.35192E-03  471023.7 3777332.7   366.1     5.00     4.51
3.64     YES
 C3037453         0   0.35192E-03  471016.4 3777339.1   366.2     5.00     4.51
3.64     YES
 C3037454         0   0.35192E-03  471009.1 3777345.5   366.4     5.00     4.51
3.64     YES
 C3037455         0   0.35192E-03  471001.8 3777351.9   366.5     5.00     4.51
3.64     YES
 C3037456         0   0.35192E-03  470994.5 3777358.2   366.7     5.00     4.51
3.64     YES
 C3037457         0   0.35192E-03  470987.2 3777364.6   366.9     5.00     4.51
3.64     YES
 C3037458         0   0.35192E-03  470979.9 3777371.0   367.1     5.00     4.51
3.64     YES
 C3037459         0   0.35192E-03  470972.6 3777377.4   367.3     5.00     4.51
3.64     YES
 C3037460         0   0.35192E-03  470965.3 3777383.8   367.4     5.00     4.51
3.64     YES
 C3037461         0   0.35192E-03  470958.0 3777390.2   367.6     5.00     4.51
3.64     YES
 C3037462         0   0.35192E-03  470950.7 3777396.6   367.8     5.00     4.51
3.64     YES
 C3037463         0   0.35192E-03  470943.4 3777403.0   368.0     5.00     4.51
3.64     YES
 C3037464         0   0.35192E-03  470936.1 3777409.3   368.2     5.00     4.51
3.64     YES
 C3037465         0   0.35192E-03  470928.8 3777415.7   368.4     5.00     4.51
3.64     YES
 C3037466         0   0.35192E-03  470921.5 3777422.1   368.5     5.00     4.51
3.64     YES
 C3037467         0   0.35192E-03  470914.5 3777428.8   368.7     5.00     4.51
3.64     YES
 C3037468         0   0.35192E-03  470907.6 3777435.7   368.9     5.00     4.51
3.64     YES
 C3037469         0   0.35192E-03  470900.8 3777442.5   369.1     5.00     4.51
3.64     YES
 C3037470         0   0.35192E-03  470893.9 3777449.4   369.3     5.00     4.51
3.64     YES
 C3037471         0   0.35192E-03  470887.1 3777456.3   369.5     5.00     4.51
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3.64     YES
 C3037472         0   0.35192E-03  470880.2 3777463.1   369.7     5.00     4.51
3.64     YES
 C3037473         0   0.35192E-03  470873.3 3777470.0   369.9     5.00     4.51
3.64     YES
 C3037474         0   0.35192E-03  470866.5 3777476.8   370.2     5.00     4.51
3.64     YES
 C3037475         0   0.35192E-03  470859.6 3777483.7   370.4     5.00     4.51
3.64     YES
 C3037476         0   0.35192E-03  470852.8 3777490.5   370.5     5.00     4.51
3.64     YES
 C3037477         0   0.35192E-03  470845.9 3777497.4   370.7     5.00     4.51
3.64     YES
 C3037478         0   0.35192E-03  470839.0 3777504.3   371.0     5.00     4.51
3.64     YES
 C3037479         0   0.35192E-03  470832.2 3777511.1   371.2     5.00     4.51
3.64     YES
 C3037480         0   0.35192E-03  470825.3 3777518.0   371.2     5.00     4.51
3.64     YES
 C3037481         0   0.35192E-03  470818.5 3777524.8   371.1     5.00     4.51
3.64     YES
 C3037482         0   0.35192E-03  470811.6 3777531.7   371.5     5.00     4.51
3.64     YES
 C3037483         0   0.35192E-03  470804.7 3777538.5   371.8     5.00     4.51
3.64     YES
 C3037484         0   0.35192E-03  470797.9 3777545.4   371.8     5.00     4.51
3.64     YES
 C3037485         0   0.35192E-03  470791.0 3777552.3   371.5     5.00     4.51
3.64     YES
 C3037486         0   0.35192E-03  470784.2 3777559.1   372.0     5.00     4.51
3.64     YES
 C3037487         0   0.35192E-03  470777.3 3777566.0   372.4     5.00     4.51
3.64     YES
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3.64     YES
 C3037489         0   0.35192E-03  470763.8 3777579.9   372.4     5.00     4.51
3.64     YES
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


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

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3.64     YES
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3.64     YES
 C3037494         0   0.35192E-03  470732.4 3777616.8   375.6     5.00     4.51
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3.64     YES
 C3037496         0   0.35192E-03  470719.8 3777631.6   375.8     5.00     4.51
3.64     YES
 C3037497         0   0.35192E-03  470713.5 3777639.0   375.4     5.00     4.51
3.64     YES
 C3037498         0   0.35192E-03  470707.2 3777646.4   375.5     5.00     4.51
3.64     YES
 C3037499         0   0.35192E-03  470700.9 3777653.8   375.7     5.00     4.51
3.64     YES
 C3037500         0   0.35192E-03  470694.6 3777661.1   375.6     5.00     4.51
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3.64     YES
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3.64     YES
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3.64     YES
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3.64     YES
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

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

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*** SOURCE IDs DEFINING SOURCE GROUPS ***

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*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS
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*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS
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*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS
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*** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***       08:39:22
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** SOURCE IDs DEFINING SOURCE GROUPS
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C3037391    , C3037392    , C3037393    ,

             C3037394    , C3037395    , C3037396    , C3037397    , C3037398    ,
C3037399    , C3037400    , C3037401    ,

             C3037402    , C3037403    , C3037404    , C3037405    , C3037406    ,
C3037407    , C3037408    , C3037409    ,

             C3037410    , C3037411    , C3037412    , C3037413    , C3037414    ,
C3037415    , C3037416    , C3037417    ,

             C3037418    , C3037419    , C3037420    , C3037421    , C3037422    ,
C3037423    , C3037424    , C3037425    ,

             C3037426    , C3037427    , C3037428    , C3037429    , C3037430    ,
C3037431    , C3037432    , C3037433    ,
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE  19
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** SOURCE IDs DEFINING SOURCE GROUPS
***

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


             C3037434    , C3037435    , C3037436    , C3037437    , C3037438    ,
C3037439    , C3037440    , C3037441    ,

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C3037479    , C3037480    , C3037481    ,

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             C3037498    , C3037499    , C3037500    , C3037501    , C3037502    ,
C3037503    , C3037504    , C3037505    ,

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C4037511    , C4037512    , C4037513    ,

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C4037519    , C4037520    , C4037521    ,

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             C4037538    ,
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


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

  URBAN ID   URBAN POP                                    SOURCE IDs
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               216995.   C3037090    , C3037091    , C3037092    , C3037093    ,
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 C3037097    ,
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C3037218 , C3037219 , C3037220 , C3037221 , C3037222 , C3037223 , C3037224 , C3037225 ,

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C3037239    , C3037240    , C3037241    ,

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C3037247    , C3037248    , C3037249    ,
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


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

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


             C3037250    , C3037251    , C3037252    , C3037253    , C3037254    ,
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C3037399    , C3037400    , C3037401    ,

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C3037407    , C3037408    , C3037409    ,
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                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
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URBAN ID	URBAN POP	SOURCE IDs
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		C3037426 , C3037427 , C3037428 , C3037429 , C3037430 , C3037431 , C3037432 , C3037433 ,
		C3037434 , C3037435 , C3037436 , C3037437 , C3037438 , C3037439 , C3037440 , C3037441 ,
		C3037442 , C3037443 , C3037444 , C3037445 , C3037446 , C3037447 , C3037448 , C3037449 ,
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		C3037458 , C3037459 , C3037460 , C3037461 , C3037462 , C3037463 , C3037464 , C3037465 ,
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		C3037482 , C3037483 , C3037484 , C3037485 , C3037486 , C3037487 , C3037488 , C3037489 ,
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		C3037506 , C3037507 , C4037508 , C4037509 , C4037510 , C4037511 , C4037512 , C4037513 ,
		C4037514 , C4037515 , C4037516 , C4037517 , C4037518 , C4037519 , C4037520 , C4037521 ,
		C4037522 , C4037523 , C4037524 , C4037525 , C4037526 , C4037527 , C4037528 , C4037529 ,

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C4037535    , C4037536    , C4037537    ,

            C4037538    ,
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                       *** GRIDDED RECEPTOR NETWORK SUMMARY ***

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

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

       471773.4,  471823.4,  471873.4,  471923.4,  471973.4,  472023.4,

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

      3774152.4, 3774202.4, 3774252.4, 3774302.4, 3774352.4, 3774402.4, 3774452.4,
3774502.4, 3774552.4, 3774602.4,
      3774652.4, 3774702.4, 3774752.4, 3774802.4, 3774852.4, 3774902.4, 3774952.4,
3775002.4, 3775052.4, 3775102.4,
      3775152.4, 3775202.4, 3775252.4, 3775302.4, 3775352.4, 3775402.4, 3775452.4,
3775502.4, 3775552.4, 3775602.4,
      3775652.4, 3775702.4, 3775752.4, 3775802.4, 3775852.4, 3775902.4, 3775952.4,
3776002.4, 3776052.4, 3776102.4,

↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

                                                 * ELEVATION HEIGHTS IN METERS *
```

Y-COORD (METERS)	X-COORD (METERS) 471773.42	471823.42	471873.42	471923.42	471973.42	472023.42
3776102.42	348.00	347.60	347.10	346.60	346.10	345.90
3776052.42	347.60	347.30	346.90	346.40	346.00	345.60
3776002.42	347.10	346.90	346.60	346.30	345.70	345.20
3775952.42	346.50	346.30	346.10	345.70	345.30	344.90
3775902.42	346.20	345.90	345.60	345.40	345.20	344.60
3775852.42	345.70	345.40	345.10	344.80	344.70	344.40
3775802.42	345.30	345.00	344.60	344.30	344.20	344.00
3775752.42	344.80	344.50	344.10	343.80	343.60	343.40
3775702.42	344.40	344.10	343.70	343.40	343.10	342.90
3775652.42	343.90	344.10	344.90	346.50	348.50	345.10
3775602.42	343.50	343.30	343.00	342.90	343.10	342.30
3775552.42	342.90	342.60	342.10	341.80	341.50	341.20
3775502.42	342.40	342.10	341.80	341.50	341.10	340.90
3775452.42	341.80	341.50	341.20	340.90	340.50	340.30
3775402.42	341.40	341.20	340.90	340.60	340.20	339.70
3775352.42	340.80	340.60	340.20	339.90	339.60	339.10
3775302.42	340.30	340.00	339.70	339.50	339.10	338.60
3775252.42	339.70	339.30	339.00	338.80	338.50	338.10
3775202.42	339.30	338.80	338.60	338.30	338.00	337.70
3775152.42	338.80	338.40	338.10	337.80	337.40	337.20
3775102.42	338.40	338.00	337.60	337.50	337.00	336.80

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 3775052.42 |        337.90       337.40       337.20       337.50       338.00
  337.00
 3775002.42 |        337.60       337.10       336.90       337.20       338.50
  337.00
 3774952.42 |        337.20       336.80       336.50       336.00       335.60
  335.40
 3774902.42 |        336.90       336.40       336.10       335.50       335.20
  334.80
 3774852.42 |        336.60       336.10       335.70       335.10       334.70
  334.30
 3774802.42 |        336.20       335.70       335.30       334.70       334.30
  334.00
 3774752.42 |        335.90       335.40       335.10       334.50       334.10
  333.60
 3774702.42 |        335.50       335.10       334.90       334.30       333.90
  333.30
 3774652.42 |        335.10       334.70       334.40       334.00       333.70
  333.10
 3774602.42 |        334.60       334.10       333.90       333.50       333.20
  332.60
 3774552.42 |        334.30       333.80       333.60       333.10       332.90
  332.30
 3774502.42 |        333.80       333.30       332.90       332.50       332.30
  331.80
 3774452.42 |        333.50       332.90       332.50       331.90       331.80
  331.40
 3774402.42 |        332.80       332.40       331.90       331.50       331.20
  330.90
 3774352.42 |        332.30       331.90       331.60       331.10       330.70
  330.40
 3774302.42 |        331.70       331.30       331.00       330.60       330.20
  329.90
 3774252.42 |        331.40       330.80       331.50       332.00       330.90
  329.40
 3774202.42 |        330.70       330.70       332.80       336.00       334.40
  329.00
 3774152.42 |        330.70       330.40       330.20       330.70       330.20
  328.80
```

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471773.42	471823.42	471873.42	471923.42	471973.42	472023.42
3776102.42	348.00	347.60	347.10	346.60	346.10	345.90
3776052.42	347.60	347.30	346.90	346.40	346.00	345.60
3776002.42	347.10	346.90	346.60	346.30	345.70	345.20
3775952.42	346.50	346.30	346.10	345.70	345.30	344.90
3775902.42	346.20	345.90	345.60	345.40	345.20	344.60
3775852.42	345.70	345.40	345.10	344.80	344.70	344.40
3775802.42	345.30	345.00	344.60	344.30	344.20	344.00
3775752.42	344.80	344.50	344.10	343.80	343.60	343.40
3775702.42	344.40	344.10	343.70	343.40	350.60	350.60
3775652.42	343.90	344.10	344.90	348.60	350.60	350.60
3775602.42	343.50	343.30	343.00	350.60	350.60	350.60
3775552.42	342.90	342.60	342.10	341.80	350.60	341.20
3775502.42	342.40	342.10	341.80	341.50	341.10	340.90
3775452.42	341.80	341.50	341.20	340.90	340.50	340.30
3775402.42	341.40	341.20	340.90	340.60	340.20	339.70
3775352.42	340.80	340.60	340.20	339.90	339.60	339.10
3775302.42	340.30	340.00	339.70	339.50	339.10	338.60
3775252.42	339.70	339.30	339.00	338.80	338.50	338.10
3775202.42	339.30	338.80	338.60	338.30	338.00	337.70
3775152.42	338.80	338.40	338.10	337.80	337.40	

```
 337.20
3775102.42 |        338.40       338.00       337.60       337.50       337.00
 336.80
3775052.42 |        337.90       337.40       337.20       337.50       342.30
 342.30
3775002.42 |        337.60       337.10       336.90       337.20       342.30
 342.30
3774952.42 |        337.20       336.80       336.50       336.00       335.60
 335.40
3774902.42 |        336.90       336.40       336.10       335.50       335.20
 334.80
3774852.42 |        336.60       336.10       335.70       335.10       334.70
 334.30
3774802.42 |        336.20       335.70       335.30       334.70       334.30
 334.00
3774752.42 |        335.90       335.40       335.10       334.50       334.10
 333.60
3774702.42 |        335.50       335.10       334.90       334.30       333.90
 333.30
3774652.42 |        335.10       334.70       334.40       334.00       333.70
 333.10
3774602.42 |        334.60       334.10       333.90       333.50       333.20
 332.60
3774552.42 |        334.30       333.80       333.60       333.10       332.90
 332.30
3774502.42 |        333.80       333.30       332.90       332.50       332.30
 331.80
3774452.42 |        333.50       332.90       332.50       331.90       331.80
 331.40
3774402.42 |        332.80       332.40       331.90       331.50       331.20
 330.90
3774352.42 |        332.30       331.90       331.60       331.10       330.70
 330.40
3774302.42 |        331.70       331.30       331.00       330.60       330.20
 329.90
3774252.42 |        331.40       330.80       331.50       336.80       337.30
 336.80
3774202.42 |        330.70       330.70       332.80       336.00       337.30
 337.30
3774152.42 |        330.70       330.40       330.20       337.30       337.30
 337.30
*** AERMOD - VERSION  19191 ***   *** Construction CO
                        ***        06/23/20
*** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

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

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART2 ; NETWORK TYPE:
GRIDCART ***

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

471764.5, 471814.5, 471864.5, 471914.5, 471964.5, 472014.5,

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

3776102.8, 3776152.8, 3776202.8, 3776252.8, 3776302.8,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART2 ; NETWORK TYPE:
GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471764.54	471814.54	471864.54	471914.54	471964.54	472014.54
3776302.75	349.90	349.30	348.70	347.90	347.30	347.30
3776252.75	349.40	348.80	348.20	347.60	347.00	346.90
3776202.75	349.00	348.40	347.90	347.50	346.70	346.50
3776152.75	348.50	347.90	347.50	347.00	346.40	346.20
3776102.75	348.10	347.70	347.20	346.70	346.10	346.00

*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART2 ; NETWORK TYPE:
GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471764.54	471814.54	471864.54	471914.54	471964.54	472014.54
3776302.75	349.90	349.30	348.70	347.90	347.30	347.30
3776252.75	349.40	348.80	348.20	347.60	347.00	346.90
3776202.75	349.00	348.40	347.90	347.50	346.70	346.50
3776152.75	348.50	347.90	347.50	347.00	346.40	346.20
3776102.75	348.10	347.70	347.20	346.70	346.10	346.00

*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART3 ; NETWORK TYPE:
GRIDCART ***

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

471756.6, 471806.6, 471856.6, 471906.6, 471956.6, 472006.6,

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

3776304.7, 3776354.7, 3776404.7, 3776454.7, 3776504.7,
*** AERMOD - VERSION 19191 *** *** Construction CO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471756.60	471806.60	471856.60	471906.60	471956.60	472006.60
3776504.71	351.30	350.60	350.10	349.40	347.80	344.40
3776454.71	351.10	350.60	350.50	350.50	349.40	343.80
3776404.71	350.80	350.20	350.20	351.40	349.60	345.10
3776354.71	350.30	349.70	349.00	348.30	347.80	347.00
3776304.71	350.00	349.40	348.80	348.00	347.40	347.20

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471756.60	471806.60	471856.60	471906.60	471956.60	472006.60
3776504.71	351.30	350.60	350.10	349.40	349.50	

```
   353.50
  3776454.71 |        351.10       350.60       350.50       350.50       349.40
   352.00
  3776404.71 |        350.80       350.20       350.20       352.50       352.00
   352.00
  3776354.71 |        350.30       349.70       349.00       348.30       347.80
   347.00
  3776304.71 |        350.00       349.40       348.80       348.00       347.40
   347.20
```



```
                                        *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                   *** NETWORK ID: UCART4   ;  NETWORK TYPE:
GRIDCART ***

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

       471664.5,  471714.5,  471764.5,  471814.5,  471864.5,  471914.5,

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

      3776503.9, 3776553.9, 3776603.9, 3776653.9,
```



```
                                   *** NETWORK ID: UCART4   ;  NETWORK TYPE:
GRIDCART ***

                                              * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471664.52    471714.52    471764.52    471814.52    471864.52
471914.52
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

- -

```
  3776653.93 |        353.40       352.80       352.20       351.60       350.30
   349.30
  3776603.93 |        353.10       352.50       351.90       351.20       350.70
   348.30
  3776553.93 |        352.80       352.20       351.50       350.90       350.40
   349.90
  3776503.93 |        352.60       352.00       351.20       350.50       350.00
   349.30
```



```
                                *** NETWORK ID: UCART4   ;  NETWORK TYPE:
GRIDCART ***

                                            * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     471664.52    471714.52    471764.52    471814.52    471864.52
471914.52
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

  3776653.93 |        353.40       352.80       352.20       351.60       350.30
   349.30
  3776603.93 |        353.10       352.50       351.90       351.20       350.70
   348.30
  3776553.93 |        352.80       352.20       351.50       350.90       350.40
   349.90
  3776503.93 |        352.60       352.00       351.20       350.50       350.00
   349.30
```



```
                                     *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                *** NETWORK ID: UCART5   ;  NETWORK TYPE:
```

```
GRIDCART ***

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

       471554.3,  471604.3,  471654.3,

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

      3776559.2, 3776609.2, 3776659.2, 3776709.2, 3776759.2,
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE  36
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** NETWORK ID: UCART5   ;  NETWORK TYPE:
GRIDCART ***

                                            * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     471554.26    471604.26    471654.26
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

  3776759.20 |        355.30       354.70       354.20
  3776709.20 |        355.00       354.50       353.90
  3776659.20 |        354.70       354.10       353.60
  3776609.20 |        354.30       353.80       353.30
  3776559.20 |        354.00       353.50       353.00
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE  37
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** NETWORK ID: UCART5   ;  NETWORK TYPE:
GRIDCART ***

                                            * HILL HEIGHT SCALES IN METERS *

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

```
    (METERS) |     471554.26    471604.26    471654.26
 - - -
```

- -

3776922.78	358.80	358.10	357.30	357.00	356.40
3776872.78	358.30	357.70	356.90	358.10	358.40
3776822.78	358.00	357.40	356.70	357.50	357.40
3776772.78	357.70	357.10	356.50	356.10	356.00
3776722.78	357.50	356.90	356.30	355.70	355.20
3776672.78	357.50	356.70	356.10	355.50	354.90
3776622.78	356.90	356.40	355.90	355.10	354.50
3776572.78	356.50	355.90	355.50	354.80	354.20

*** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471343.73	471393.73	471443.73	471493.73	471543.73
3776922.78	358.80	358.10	357.30	357.00	356.40
3776872.78	358.30	357.70	356.90	359.50	360.40
3776822.78	358.00	357.40	356.70	360.10	360.50
3776772.78	357.70	357.10	356.50	356.10	356.00
3776722.78	357.50	356.90	356.30	355.70	355.20
3776672.78	357.50	356.70	356.10	355.50	354.90
3776622.78	356.90	356.40	355.90	355.10	354.50
3776572.78	356.50	355.90	355.50	354.80	354.20

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART ***

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

471137.3, 471187.3, 471237.3, 471287.3, 471337.3,

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

3776755.9, 3776805.9, 3776855.9, 3776905.9, 3776955.9, 3777005.9,

*** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471137.27	471187.27	471237.27	471287.27	471337.27
3777005.91	361.50	360.80	360.10	359.60	358.90
3776955.91	361.50	360.90	360.20	359.70	358.90
3776905.91	361.30	360.60	359.80	359.30	358.70
3776855.91	361.00	360.30	359.60	359.00	358.30
3776805.91	360.70	360.10	359.30	358.70	358.00
3776755.91	360.50	359.70	359.10	358.50	357.80

*** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD | X-COORD (METERS)

```
    (METERS) |     471137.27    471187.27    471237.27    471287.27    471337.27
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3777005.91 |        361.50       360.80       360.10       359.60       358.90
  3776955.91 |        361.50       360.90       360.20       359.70       358.90
  3776905.91 |        361.30       360.60       359.80       359.30       358.70
  3776855.91 |        361.00       360.30       359.60       359.00       358.30
  3776805.91 |        360.70       360.10       359.30       358.70       358.00
  3776755.91 |        360.50       359.70       359.10       358.50       357.80
```



```
                                     *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                 *** NETWORK ID: UCART8   ;  NETWORK TYPE:
GRIDCART ***

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

       471025.8,  471075.8,  471125.8,  471175.8,  471225.8,  471275.8,

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

      3777013.8, 3777063.8, 3777113.8,
```



```
                                 *** NETWORK ID: UCART8   ;  NETWORK TYPE:
GRIDCART ***

                                            * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471025.84    471075.84    471125.84    471175.84    471225.84
471275.84
```

- - - -

(METERS)

471071.4, 471121.4, 471171.4, 471221.4,

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

3777120.7, 3777170.7, 3777220.7,

*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART9 ; NETWORK TYPE:
GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471071.36	471121.36	471171.36	471221.36
3777220.72	363.50	363.10	362.70	362.10
3777170.72	363.00	362.60	361.80	361.50
3777120.72	362.70	361.80	361.30	360.70

*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART9 ; NETWORK TYPE:
GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471071.36	471121.36	471171.36	471221.36
3777220.72	363.50	363.10	362.70	362.10

3777170.72 | 363.00 362.60 361.80 361.50
3777120.72 | 362.70 361.80 361.30 360.70
*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART10 ; NETWORK TYPE: GRIDCART ***

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

470606.5, 470656.5, 470706.5, 470756.5, 470806.5, 470856.5, 470906.5, 470956.5, 471006.5, 471056.5,

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

3777052.6, 3777102.6, 3777152.6, 3777202.6, 3777252.6,
*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART10 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS) | X-COORD (METERS)
470606.55 470656.55 470706.55 470756.55 470806.55 470856.55 470906.55 470956.55 471006.55
- - - -

```
   365.80       365.10       364.50       363.90
  3777152.65 |        368.40       367.50       366.90       366.30       365.80
   365.40       364.70       364.10       363.60
  3777102.65 |        368.30       367.30       366.90       366.30       365.60
   365.10       364.60       364.10       363.40
  3777052.65 |        367.90       367.10       366.80       366.20       365.50
   365.00       364.50       363.90       363.20
```



```
                                 *** NETWORK ID: UCART10  ;  NETWORK TYPE:
GRIDCART ***

                                            * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     471056.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

  3777252.65 |        364.40
  3777202.65 |        363.40
  3777152.65 |        363.10
  3777102.65 |        362.90
  3777052.65 |        362.80
```



```
                                 *** NETWORK ID: UCART10  ;  NETWORK TYPE:
GRIDCART ***

                                            * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     470606.55    470656.55    470706.55    470756.55    470806.55
470856.55    470906.55    470956.55    471006.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
```

```
  3777252.65 |        369.40       368.60       367.70       367.30       367.00
   367.20       370.30       371.80       371.60
  3777202.65 |        369.10       368.10       367.40       366.80       366.10
   365.80       365.10       364.50       363.90
  3777152.65 |        368.40       367.50       366.90       366.30       365.80
   365.40       364.70       364.10       363.60
  3777102.65 |        368.30       367.30       366.90       366.30       365.60
   365.10       364.60       364.10       363.40
  3777052.65 |        367.90       367.10       366.80       366.20       365.50
   365.00       364.50       363.90       363.20
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        08:39:22

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                 *** NETWORK ID: UCART10  ;  NETWORK TYPE:
GRIDCART ***

                                              * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     471056.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

  3777252.65 |        364.40
  3777202.65 |        363.40
  3777152.65 |        363.10
  3777102.65 |        362.90
  3777052.65 |        362.80
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        08:39:22

                                   PAGE  55
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                        *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                 *** NETWORK ID: UCART11  ;  NETWORK TYPE:
GRIDCART ***

                                          *** X-COORDINATES OF GRID ***
```

(METERS)

470270.0, 470320.0, 470370.0, 470420.0,

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

3777304.4, 3777354.4, 3777404.4, 3777454.4, 3777504.4, 3777554.4,

*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART11 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 470269.99	470319.99	470369.99	470419.99
3777554.36	376.20	375.30	374.70	374.10
3777504.36	375.80	375.10	374.30	373.60
3777454.36	375.30	374.70	373.80	373.10
3777404.36	374.80	374.00	373.30	372.50
3777354.36	374.10	373.50	372.80	372.00
3777304.36	373.60	373.00	372.30	371.70

*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART11 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

| Y-COORD (METERS) | X-COORD (METERS) 470269.99 | 470319.99 | 470369.99 | 470419.99 |

- -

3777554.36	376.20	375.30	374.70	374.10
3777504.36	375.80	375.10	374.30	373.60
3777454.36	375.30	374.70	373.80	373.10
3777404.36	374.80	374.00	373.30	372.50
3777354.36	374.10	373.50	372.80	372.00
3777304.36	373.60	373.00	372.30	371.70

*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART12 ; NETWORK TYPE: GRIDCART ***

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

468710.7, 468760.7, 468810.7, 468860.7, 468910.7, 468960.7, 469010.7, 469060.7,

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

3779313.0, 3779363.0, 3779413.0, 3779463.0, 3779513.0, 3779563.0, 3779613.0, 3779663.0,

*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART12 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 468710.70	468760.70	468810.70	468860.70	468910.70	468960.70	469010.70	469060.70

```
 - - -
```

3779413.00 | 422.50 557.30 558.10 570.40 570.90
570.90 570.90 570.90
3779363.00 | 421.60 421.00 558.10 558.10 570.90
570.90 570.90 570.90
3779313.00 | 420.60 420.30 419.80 558.10 558.10
570.90 570.90 570.90
*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART13 ; NETWORK TYPE:
GRIDCART ***

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

471075.9, 471125.9, 471175.9, 471225.9, 471275.9, 471325.9, 471375.9,
471425.9, 471475.9, 471525.9,

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

3777361.5, 3777411.5, 3777461.5, 3777511.5, 3777561.5, 3777611.5, 3777661.5,
3777711.5, 3777761.5, 3777811.5,
3777861.5, 3777911.5,
*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART13 ; NETWORK TYPE:
GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD | X-COORD (METERS)
(METERS) | 471075.86 471125.86 471175.86 471225.86 471275.86
471325.86 471375.86 471425.86 471475.86

```
 - - -
```

```
  3777761.53 |        365.50
  3777711.53 |        364.90
  3777661.53 |        364.40
  3777611.53 |        363.80
  3777561.53 |        363.10
  3777511.53 |        362.70
  3777461.53 |        362.20
  3777411.53 |        361.50
  3777361.53 |        360.70
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        08:39:22

                                   PAGE  64
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                  *** NETWORK ID: UCART13  ;  NETWORK TYPE:
GRIDCART ***

                                                 * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                                 X-COORD (METERS)
    (METERS) |     471075.86    471125.86    471175.86    471225.86    471275.86
471325.86    471375.86    471425.86    471475.86
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

  3777911.53 |        575.10       575.10       575.10       575.10       575.10
   575.10       575.10       575.10       575.10
  3777861.53 |        575.10       575.10       575.10       575.10       575.10
   575.10       575.10       575.10       575.10
  3777811.53 |        532.20       532.20       532.20       532.20       532.20
   532.40       532.40       532.40       532.40
  3777761.53 |        370.80       370.80       370.50       522.10       522.10
   530.00       530.00       532.20       530.00
  3777711.53 |        369.90       369.60       369.30       369.00       368.60
   368.00       522.10       522.10       522.10
  3777661.53 |        369.20       368.90       368.40       368.10       367.80
   367.30       366.40       365.50       364.90
  3777611.53 |        368.50       368.20       367.70       367.20       366.90
   366.50       365.80       364.90       364.30
  3777561.53 |        367.70       367.40       367.00       366.60       366.10
   365.70       365.00       364.30       363.60
  3777511.53 |        366.90       366.50       366.10       365.70       365.20
   364.80       364.00       363.70       363.30
  3777461.53 |        366.30       365.80       365.40       365.00       364.50
   364.00       363.30       362.90       362.90
```

3777411.53 | 365.80 365.20 364.70 364.20 363.70
363.20 362.60 362.00 361.80
3777361.53 | 364.70 364.40 363.80 364.20 363.30
362.50 362.00 361.30 360.90

*** NETWORK ID: UCART13 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD | X-COORD (METERS)
(METERS) | 471525.86
- - - -

(METERS)

472114.7, 472164.7, 472214.7, 472264.7, 472314.7, 472364.7, 472414.7, 472464.7, 472514.7, 472564.7,

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

3776424.5, 3776474.5, 3776524.5, 3776574.5, 3776624.5, 3776674.5, 3776724.5, 3776774.5, 3776824.5, 3776874.5,
3776924.5, 3776974.5, 3777024.5, 3777074.5, 3777124.5,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART14 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 472114.69	472164.69	472214.69	472264.69	472314.69	472364.69	472414.69	472464.69	472514.69
3777124.55	357.00	354.30	354.10	353.80	353.90	354.00	354.30	354.40	354.60
3777074.55	356.10	354.00	353.50	353.20	353.30	353.40	353.70	353.90	354.20
3777024.55	355.30	353.50	353.10	352.80	352.80	352.90	353.20	353.30	353.50
3776974.55	354.00	352.70	352.50	352.20	352.20	352.40	352.50	352.40	351.80
3776924.55	352.80	351.90	351.90	351.70	351.80	351.90	352.00	351.70	351.20
3776874.55	351.80	350.80	350.90	350.90	351.10	351.10	351.30	351.10	350.90
3776824.55	351.20	350.20	350.20	350.20	350.50	350.60	350.80	350.60	350.20
3776774.55	350.70	349.60	349.50	349.60	349.90	350.10	350.20	350.10	349.70
3776724.55	350.40	349.40	349.10	349.10	349.50				

```
   349.60       349.60       349.50       349.50
  3776674.55 |        350.00       349.10       348.80       348.60       348.90
   348.90       348.90       348.80       349.10
  3776624.55 |        349.60       348.70       348.40       348.20       348.50
   348.30       348.30       348.20       348.60
  3776574.55 |        349.00       348.00       347.90       347.70       347.80
   347.70       347.70       347.60       348.20
  3776524.55 |        348.50       347.50       347.30       347.20       347.20
   347.10       347.00       346.80       346.80
  3776474.55 |        348.40       347.40       347.10       346.70       346.60
   346.50       346.40       346.20       346.30
  3776424.55 |        347.80       348.30       346.90       346.30       346.20
   346.00       345.90       345.60       345.70
```



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

                                  *** NETWORK ID: UCART14  ;  NETWORK TYPE:
GRIDCART ***

                                                 * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     472564.69
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3777124.55 |        354.90
  3777074.55 |        354.30
  3777024.55 |        353.60
  3776974.55 |        351.90
  3776924.55 |        351.30
  3776874.55 |        351.00
  3776824.55 |        350.30
  3776774.55 |        349.70
  3776724.55 |        349.50
  3776674.55 |        349.10
  3776624.55 |        348.60
  3776574.55 |        348.30
  3776524.55 |        347.00
  3776474.55 |        346.30
  3776424.55 |        345.80
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART14 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 472114.69	472164.69	472214.69	472264.69	472314.69	472364.69	472414.69	472464.69	472514.69
3777124.55	357.00	354.30	354.10	353.80	353.90	354.00	354.30	354.40	354.60
3777074.55	356.10	354.00	353.50	353.20	353.30	353.40	353.70	353.90	354.20
3777024.55	355.30	353.50	353.10	352.80	352.80	352.90	353.20	353.30	353.50
3776974.55	354.00	352.70	352.50	352.20	352.20	352.40	352.50	352.40	351.80
3776924.55	352.80	351.90	351.90	351.70	351.80	351.90	352.00	351.70	351.20
3776874.55	354.00	350.80	350.90	350.90	351.10	351.10	351.30	351.10	350.90
3776824.55	351.20	350.20	350.20	350.20	350.50	350.60	350.80	350.60	350.20
3776774.55	353.00	349.60	349.50	349.60	349.90	350.10	350.20	350.10	349.70
3776724.55	350.40	349.40	349.10	349.10	349.50	349.60	349.60	349.50	349.50
3776674.55	350.00	349.10	348.80	348.60	348.90	348.90	348.90	348.80	349.10
3776624.55	349.60	348.70	348.40	348.20	348.50	348.30	348.30	348.20	348.60
3776574.55	349.00	348.00	347.90	347.70	347.80	347.70	347.70	347.60	348.20
3776524.55	348.50	347.50	347.30	347.20	347.20	347.10	347.00	346.80	346.80
3776474.55	348.40	347.40	347.10	346.70	346.60	346.50	346.40	346.20	346.30
3776424.55	347.80	348.30	346.90	346.30	346.20	346.00	345.90	345.60	345.70

*** NETWORK ID: UCART14 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 472564.69
3777124.55	354.90
3777074.55	354.30
3777024.55	353.60
3776974.55	351.90
3776924.55	351.30
3776874.55	351.00
3776824.55	350.30
3776774.55	349.70
3776724.55	349.50
3776674.55	349.10
3776624.55	348.60
3776574.55	348.30
3776524.55	347.00
3776474.55	346.30
3776424.55	345.80

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART15 ; NETWORK TYPE: GRIDCART ***

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

472138.2, 472188.2, 472238.2, 472288.2, 472338.2,

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

3774264.7, 3774314.7, 3774364.7, 3774414.7, 3774464.7, 3774514.7, 3774564.7, 3774614.7, 3774664.7, 3774714.7,
3774764.7, 3774814.7, 3774864.7, 3774914.7, 3774964.7, 3775014.7, 3775064.7, 3775114.7, 3775164.7, 3775214.7,
3775264.7, 3775314.7, 3775364.7, 3775414.7, 3775464.7, 3775514.7, 3775564.7, 3775614.7, 3775664.7, 3775714.7,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART15 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 472138.17	472188.17	472238.17	472288.17	472338.17
3775714.69	340.60	342.10	341.50	341.20	340.50
3775664.69	342.20	344.00	341.50	340.80	340.10
3775614.69	342.00	342.70	340.80	340.30	339.80
3775564.69	341.10	340.80	339.80	339.80	339.50
3775514.69	340.20	339.90	339.20	339.20	339.00
3775464.69	339.30	339.20	338.70	338.80	338.60
3775414.69	338.60	338.50	338.20	338.20	338.00
3775364.69	338.00	338.00	337.70	337.70	337.60
3775314.69	337.60	337.50	337.20	337.10	337.00
3775264.69	337.20	337.00	336.60	336.50	336.50
3775214.69	336.80	336.80	336.30	336.00	335.90
3775164.69	336.30	336.30	335.70	335.50	335.20
3775114.69	335.70	335.60	335.10	335.00	334.60
3775064.69	335.50	335.40	334.50	334.20	333.90
3775014.69	336.20	335.40	334.10	333.80	333.30
3774964.69	334.10	333.90	333.50	333.30	332.70
3774914.69	333.40	333.60	333.10	332.70	332.30
3774864.69	333.10	333.20	332.60	332.20	331.70

3774814.69	332.80	332.70	332.10	331.60	331.20
3774764.69	332.60	332.50	331.90	331.40	331.20
3774714.69	332.20	332.00	331.50	331.20	330.80
3774664.69	331.90	331.70	331.10	330.80	330.50
3774614.69	331.50	331.20	330.70	330.40	330.00
3774564.69	331.20	330.90	330.40	330.20	329.80
3774514.69	330.70	330.60	330.00	329.80	329.30
3774464.69	329.80	330.40	329.70	329.50	328.90
3774414.69	329.80	330.10	329.40	329.00	328.50
3774364.69	330.10	329.60	328.90	328.60	328.20
3774314.69	331.10	328.80	328.30	327.90	327.40
3774264.69	332.70	329.30	327.90	327.50	327.00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART15 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 472138.17	472188.17	472238.17	472288.17	472338.17
3775714.69	340.60	342.10	341.50	341.20	340.50
3775664.69	345.50	344.00	341.50	340.80	340.10
3775614.69	342.00	346.00	340.80	340.30	339.80
3775564.69	341.10	343.40	339.80	339.80	339.50
3775514.69	340.20	339.90	339.20	339.20	339.00
3775464.69	339.30	339.20	338.70	338.80	338.60
3775414.69	338.60	338.50	338.20	338.20	338.00
3775364.69	338.00	338.00	337.70	337.70	337.60
3775314.69	337.60	337.50	337.20	337.10	337.00
3775264.69	337.20	337.00	336.60	336.50	336.50
3775214.69	336.80	336.80	336.30	336.00	335.90
3775164.69	336.30	336.30	335.70	335.50	335.20
3775114.69	335.70	335.60	335.10	335.00	334.60
3775064.69	335.50	335.40	334.50	334.20	333.90
3775014.69	336.20	335.40	334.10	333.80	333.30
3774964.69	334.10	333.90	333.50	333.30	332.70
3774914.69	333.40	333.60	333.10	332.70	332.30
3774864.69	333.10	333.20	332.60	332.20	331.70

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  3774814.69 |        332.80       332.70       332.10       331.60       331.20
  3774764.69 |        332.60       332.50       331.90       331.40       331.20
  3774714.69 |        332.20       332.00       331.50       331.20       330.80
  3774664.69 |        331.90       331.70       331.10       330.80       330.50
  3774614.69 |        331.50       331.20       330.70       330.40       330.00
  3774564.69 |        331.20       330.90       330.40       330.20       329.80
  3774514.69 |        330.70       330.60       330.00       329.80       329.30
  3774464.69 |        329.80       330.40       329.70       329.50       328.90
  3774414.69 |        329.80       330.10       329.40       329.00       328.50
  3774364.69 |        330.10       329.60       328.90       328.60       328.20
  3774314.69 |        331.10       328.80       328.30       327.90       327.40
  3774264.69 |        332.70       331.90       327.90       327.50       327.00
```


*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART16 ; NETWORK TYPE:
GRIDCART ***

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

472255.2, 472305.2, 472355.2, 472405.2, 472455.2,

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

3775886.9, 3775936.9, 3775986.9, 3776036.9, 3776086.9, 3776136.9, 3776186.9,
3776236.9,

*** NETWORK ID: UCART16 ; NETWORK TYPE:
GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 472255.22	472305.22	472355.22	472405.22	472455.22
3776236.95	344.90	344.70	344.30	344.10	343.90
3776186.95	344.60	344.50	343.90	343.90	343.50
3776136.95	344.20	344.20	343.50	343.40	343.00
3776086.95	343.90	343.70	343.10	342.80	342.40
3776036.95	343.60	343.20	342.70	342.30	341.90
3775986.95	343.30	342.90	342.50	342.00	341.40
3775936.95	343.10	342.50	342.20	341.70	341.00
3775886.95	342.60	342.20	341.70	341.30	340.50

*** NETWORK ID: UCART16 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 472255.22	472305.22	472355.22	472405.22	472455.22
3776236.95	344.90	344.70	344.30	344.10	343.90
3776186.95	344.60	344.50	343.90	343.90	343.50
3776136.95	344.20	344.20	343.50	343.40	343.00
3776086.95	343.90	343.70	343.10	342.80	342.40
3776036.95	343.60	343.20	342.70	342.30	341.90
3775986.95	343.30	342.90	342.50	342.00	341.40
3775936.95	343.10	342.50	342.20	341.70	341.00
3775886.95	342.60	342.20	341.70	341.30	340.50

* 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)
C3037092	472023.4	3774452.4	-2.86
C3037093	472023.4	3774452.4	-2.61
C3037105	472023.4	3774552.4	0.92
C3037110	472023.4	3774602.4	-1.65
C3037115	472023.4	3774652.4	-3.04
C3037120	472023.4	3774702.4	-1.25
C3037129	472023.4	3774752.4	-2.88
C3037134	472023.4	3774802.4	-4.12
C3037135	472023.4	3774802.4	0.04
C3037139	472023.4	3774852.4	-2.03
C3037140	472023.4	3774852.4	-0.68
C3037145	472023.4	3774902.4	-1.73
C3037146	472023.4	3774902.4	-2.62
C3037151	472023.4	3774952.4	-1.48
C3037156	472023.4	3775002.4	-0.13
C3037188	472023.4	3775302.4	-5.35
C3037189	472023.4	3775302.4	-4.12
C3037193	472023.4	3775352.4	-3.58

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                    C3037194            472023.4     3775352.4
-5.14
                    C3037198            472023.4     3775402.4
-1.76
                    C3037199            472023.4     3775402.4
-5.50
                    C3037200            472023.4     3775402.4
-1.48
                    C3037207            472023.4     3775452.4
0.76
                    C3037208            472023.4     3775452.4
-2.34
                    C3037212            472023.4     3775502.4
-3.34
                    C3037213            472023.4     3775502.4
-5.17
                    C3037217            472023.4     3775552.4
-2.04
                    C3037218            472023.4     3775552.4
-6.58
                    C3037222            472023.4     3775602.4
-0.77
                    C3037223            472023.4     3775602.4
-8.91
                    C3037224            472023.4     3775602.4
0.78
                    C3037271            472023.4     3776052.4
-8.59
                    C3037272            472023.4     3776052.4
-0.97
                    C3037276            472023.4     3776102.4
-6.65
                    C3037277            472023.4     3776102.4
-2.26
                    C3037319            471956.6     3776504.7
-0.92
                    C3037320            471956.6     3776504.7
-5.67
                    C3037340            471864.5     3776653.9
-4.07
                    C3037341            471864.5     3776653.9
-4.55
                    C3037383            471543.7     3776922.8
-2.47
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                                   PAGE  78
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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


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

                           C3037384           471543.7     3776922.8
-6.82
                           C3037425           471221.4     3777170.7
-0.63
                           C3037426           471221.4     3777170.7
-2.41
                           C3037432           471171.4     3777220.7
-0.74
                           C3037433           471171.4     3777220.7
-7.25
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

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

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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
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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,

*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

Surface file: .._References\FontanaADJU\FONT_V9_ADJU\FONT_v9.SFC
Met Version: 16216
Profile file: .._References\FontanaADJU\FONT_V9_ADJU\FONT_v9.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 3102 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN

Year: 2011 Year: 2011

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
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -
 11 01 01   1 01  -18.5  0.194 -9.000 -9.000 -999.  204.     41.2  0.25   2.82
```

```
1.00    1.80   69.    9.1  276.4    5.5
 11 01 01   1 02  -23.8  0.239 -9.000 -9.000 -999.  281.     63.0  0.25   2.82
1.00    2.20   52.    9.1  275.4    5.5
 11 01 01   1 03  -18.5  0.194 -9.000 -9.000 -999.  205.     41.2  0.25   2.82
1.00    1.80   32.    9.1  275.4    5.5
 11 01 01   1 04   -1.4  0.067 -9.000 -9.000 -999.   57.     18.3  0.25   2.82
1.00    0.40   27.    9.1  274.2    5.5
 11 01 01   1 05  -18.6  0.194 -9.000 -9.000 -999.  204.     41.2  0.25   2.82
1.00    1.80   51.    9.1  274.2    5.5
 11 01 01   1 06  -29.7  0.296 -9.000 -9.000 -999.  387.     96.6  0.25   2.82
1.00    2.70   53.    9.1  274.2    5.5
 11 01 01   1 07  -24.0  0.239 -9.000 -9.000 -999.  282.     63.0  0.25   2.82
1.00    2.20   70.    9.1  274.2    5.5
 11 01 01   1 08   -8.4  0.138 -9.000 -9.000 -999.  127.     27.3  0.25   2.82
0.54    1.30   72.    9.1  275.4    5.5
 11 01 01   1 09   44.3  0.280  0.571  0.005  147.  356.    -43.5  0.25   2.82
0.32    2.20   67.    9.1  277.5    5.5
 11 01 01   1 10  122.7  0.264  0.952  0.005  247.  326.    -13.2  0.25   2.82
0.25    1.80   83.    9.1  279.9    5.5
 11 01 01   1 11  179.8  0.316  1.733  0.005 1017.  426.    -15.4  0.25   2.82
0.22    2.20   58.    9.1  282.0    5.5
 11 01 01   1 12  206.0  0.320  1.940  0.008 1244.  435.    -14.0  0.25   2.82
0.21    2.20  115.    9.1  283.1    5.5
 11 01 01   1 13  132.6  0.214  1.733  0.009 1377.  243.     -6.5  0.25   2.82
0.21    1.30  147.    9.1  284.2    5.5
 11 01 01   1 14  147.0  0.216  1.818  0.009 1431.  242.     -6.0  0.25   2.82
0.23    1.30  219.    9.1  284.9    5.5
 11 01 01   1 15  104.0  0.208  1.633  0.009 1468.  228.     -7.6  0.25   2.82
0.26    1.30  126.    9.1  285.4    5.5
 11 01 01   1 16   26.4  0.140  1.037  0.009 1477.  127.     -9.1  0.25   2.82
0.35    0.90  151.    9.1  284.9    5.5
 11 01 01   1 17   -9.0  0.137 -9.000 -9.000 -999.  121.     24.9  0.25   2.82
0.63    1.30   69.    9.1  283.1    5.5
 11 01 01   1 18  -33.4  0.342 -9.000 -9.000 -999.  481.    129.0  0.25   2.82
1.00    3.10   81.    9.1  281.4    5.5
 11 01 01   1 19  -33.6  0.342 -9.000 -9.000 -999.  481.    128.9  0.25   2.82
1.00    3.10   51.    9.1  279.9    5.5
 11 01 01   1 20  -23.6  0.239 -9.000 -9.000 -999.  287.     63.1  0.25   2.82
1.00    2.20   77.    9.1  278.8    5.5
 11 01 01   1 21  -18.5  0.194 -9.000 -9.000 -999.  205.     41.2  0.25   2.82
1.00    1.80   53.    9.1  277.5    5.5
 11 01 01   1 22  -23.7  0.239 -9.000 -9.000 -999.  281.     63.0  0.25   2.82
1.00    2.20   58.    9.1  277.5    5.5
 11 01 01   1 23  -18.5  0.194 -9.000 -9.000 -999.  205.     41.2  0.25   2.82
1.00    1.80   64.    9.1  277.5    5.5
 11 01 01   1 24   -4.5  0.094 -9.000 -9.000 -999.   74.     16.3  0.25   2.82
1.00    0.90   52.    9.1  277.0    5.5
```

```
 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 11 01 01 01    5.5 0 -999.  -99.00   276.5   99.0  -99.00  -99.00
 11 01 01 01    9.1 1   69.    1.80  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE  81
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

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

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471773.42               471823.42               471873.42
       471923.42               471973.42
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776102.4 |      2.14071 (15063020)      2.37506 (13090422)      2.61713
(13090923)      3.08142 (12092121)      4.32225 (13071606)
 3776052.4 |      2.11545 (15063020)      2.35583 (13090422)      2.61836
(13090923)      3.06961 (12092121)      4.24840 (13071606)
 3776002.4 |      2.08246 (15090919)      2.33334 (13090422)      2.59656
(13090923)      3.04919 (12092121)      4.19138 (11061907)
 3775952.4 |      2.04603 (15090919)      2.27410 (13090422)      2.53205
(13090923)      2.91813 (12092121)      3.73543 (11082623)
 3775902.4 |      2.04636 (15090919)      2.24367 (13090422)      2.46544
(13090923)      2.90278 (12092121)      3.73327 (11082623)
```

3775852.4	2.00078 (15090919)	2.20362 (13090422)	2.39817 (13090923)	2.79720 (12092121)	3.66654 (11082623)
3775802.4	1.97680 (15090919)	2.15322 (13090422)	2.35837 (13090422)	2.76588 (12092121)	3.62121 (11082623)
3775752.4	1.91296 (15090919)	2.12442 (13090422)	2.34893 (13090422)	2.74503 (12092121)	3.56612 (11082623)
3775702.4	1.89933 (15090919)	2.12032 (15090919)	2.35772 (13090422)	2.73895 (12082102)	3.57892 (11082623)
3775652.4	1.87603 (11100120)	2.19455 (15090919)	2.72087 (13090422)	3.89043 (13090422)	5.45931 (12082102)
3775602.4	1.85616 (11100120)	2.11034 (15090919)	2.42171 (13090422)	2.95962 (12082102)	4.36894 (13071606)
3775552.4	1.82679 (11100120)	2.09109 (15090919)	2.34539 (13090422)	2.85106 (12082102)	4.66657 (13071606)
3775502.4	1.81801 (12091206)	2.07268 (15090919)	2.37968 (13090422)	2.93045 (13071606)	4.97022 (11061907)
3775452.4	1.77350 (12091206)	1.98555 (15090919)	2.28588 (13090422)	3.09693 (13071606)	6.43887 (12061507)
3775402.4	1.71844 (12091206)	1.94257 (15090919)	2.30128 (13090422)	3.51961 (12102008)	8.62260 (11061907)
3775352.4	1.67400 (11070706)	1.91231 (15090919)	2.20346 (13090422)	2.99947 (11061907)	6.36971 (11061907)
3775302.4	1.66039 (11070706)	1.85660 (15090919)	2.06367 (13090422)	3.04914 (11061907)	4.82528 (11061907)
3775252.4	1.55477 (11070706)	1.68610 (15090919)	1.95490 (13071606)	2.77177 (11061907)	4.46592 (11061907)
3775202.4	1.50977 (11070706)	1.54371 (11070706)	1.90868 (13071606)	2.55694 (11061907)	4.07599 (11061907)
3775152.4	1.39236 (11070706)	1.51882 (13071606)	1.87933 (13071606)	2.47688 (13071606)	3.73776 (13071606)
3775102.4	1.28346 (11070706)	1.50564 (13071606)	1.86619 (13071606)	2.47120 (13071606)	3.79172 (13071606)
3775052.4	1.25245 (13071606)	1.49898 (13071606)	1.86539 (13071606)	2.48566 (13071606)	3.86230 (13071606)
3775002.4	1.24567 (13071606)	1.49762 (13071606)	1.87497 (13071606)	2.51689 (13071606)	3.93391 (13071606)
3774952.4	1.24008 (13071606)	1.50005 (13071606)	1.89501 (13071606)	2.57767 (13071606)	4.09691 (13071606)
3774902.4	1.23363 (13071606)	1.50332 (13071606)	1.92150 (13071606)	2.67587 (13071606)	4.58663 (13071606)
3774852.4	1.22390 (13071606)	1.50282 (13071606)	1.94294 (13071606)	2.75169 (13071606)	5.24445 (12102008)
3774802.4	1.20813 (13071606)	1.49384 (13071606)	1.95334 (13071606)	2.80895 (13071606)	5.40353 (11061907)
3774752.4	1.18357 (13071606)	1.47083 (13071606)	1.94288 (13071606)	2.88961 (13071606)	6.57189 (12102008)
3774702.4	1.14846 (13071606)	1.42879 (13071606)	2.02081 (12102008)	3.35983 (12102008)	7.69836 (11061907)

```
 3774652.4 |      1.10283 (13071606)      1.38165 (12102008)      1.80191
(12102008)      2.96734 (11061907)      6.31253 (11061907)
 3774602.4 |      1.04772 (13071606)      1.29868 (13071606)      1.77054
(11061907)      3.00441 (11061907)      4.62740 (16012717)
 3774552.4 |      1.03978 (15100918)      1.25573 (15100918)      1.82961
(11061907)      2.71162 (11061907)      5.08365 (13041307)
 3774502.4 |      1.02585 (15100918)      1.26582 (11061907)      1.78133
(11061907)      2.84194 (12102008)      6.03375 (13041307)
 3774452.4 |      1.00545 (15100918)      1.26750 (11061907)      1.70293
(11061907)      2.63538 (11061907)      5.96232 (11061907)
 3774402.4 |      0.98414 (15100918)      1.25018 (11061907)      1.70232
(11061907)      2.70049 (11061907)      4.24895 (11061907)
 3774352.4 |      0.96425 (15100918)      1.24347 (11061907)      1.70879
(11061907)      2.44007 (11061907)      3.28032 (16012717)
 3774302.4 |      0.96094 (11061907)      1.23887 (11061907)      1.64012
(11061907)      2.06077 (16012717)      2.26881 (16012717)
 3774252.4 |      0.95916 (11061907)      1.21117 (11061907)      1.48546
(11061907)      1.72215 (16012717)      1.59192 (16012717)
 3774202.4 |      0.94657 (11061907)      1.14357 (11061907)      1.31367
(16012717)      1.47394 (16012717)      1.34536 (12031608)
 3774152.4 |      0.91457 (11061907)      1.03491 (11061907)      1.15641
(16012717)      1.12695 (16012717)      1.18474 (12031608)
```



```
                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

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

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

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

```
  (METERS) |       472023.42
 - - -
```

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3037090 , C3037091
, C3037092 , C3037093 , C3037094 ,
C3037095 , C3037096 , C3037097 , C3037098 , C3037099
, C3037100 , C3037101 , C3037102 ,
C3037103 , C3037104 , C3037105 , C3037106 , C3037107
, C3037108 , C3037109 , C3037110 ,
C3037111 , C3037112 , C3037113 , C3037114 , C3037115
, C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART2 ; NETWORK TYPE:
GRIDCART ***

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

```
  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       471764.54              471814.54              471864.54
       471914.54              471964.54
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3776302.8 |      2.28036 (13090422)      2.49777 (13090422)      2.72644
(12082102)      3.14383 (12092121)      4.06928 (13071606)
 3776252.8 |      2.21928 (13090422)      2.39917 (13090422)      2.64976
(12082102)      3.05167 (12092121)      3.84176 (11082623)
 3776202.8 |      2.17856 (13090422)      2.37325 (13090422)      2.61634
(13090923)      3.04887 (12092121)      3.79698 (11082623)
 3776152.8 |      2.13512 (15063020)      2.33463 (13090422)      2.58884
(13090923)      2.97957 (12092121)      3.84772 (11082623)
 3776102.8 |      2.11166 (15063020)      2.33912 (13090422)      2.56228
(13090923)      2.97695 (12092121)      3.89157 (11082623)
```

*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3037090 , C3037091

```
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART2   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       472014.54
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3776302.8 |     10.90671 (13041307)
 3776252.8 |      9.51097 (13041307)
 3776202.8 |      9.28736 (12061507)
 3776152.8 |     11.28113 (12061507)
 3776102.8 |     12.20072 (12061507)
```



```
                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART3   ;  NETWORK TYPE:
GRIDCART ***

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

```
  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471756.60              471806.60              471856.60
       471906.60              471956.60
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3776504.7 |      2.63925 (13090422)      2.98396 (13090923)      3.59770
(12082102)      4.91873 (13071606)     11.11754 (13041207)
 3776454.7 |      2.50462 (13090422)      2.80340 (13090422)      3.29524
(12082102)      4.18847 (12092121)      7.51521 (13041307)
 3776404.7 |      2.40775 (13090422)      2.64609 (13090422)      3.07383
(13090923)      3.90904 (12082102)      5.41820 (13062006)
 3776354.7 |      2.30857 (13090422)      2.53719 (13090422)      2.76769
(12082102)      3.22026 (12092121)      4.38853 (13071606)
 3776304.7 |      2.24453 (13090422)      2.47009 (13090422)      2.67833
(13090923)      3.05899 (12092121)      3.85164 (11082623)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***       08:39:22

                                 PAGE  86
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                 *** NETWORK ID: UCART3   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       472006.60
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3776504.7 |      4.90333 (13071606)
```

```
 3776454.7 |      7.85700 (12061507)
 3776404.7 |     11.57958 (12061507)
 3776354.7 |     12.16649 (12061507)
 3776304.7 |      8.76207 (13041307)
```



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

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                 *** NETWORK ID: UCART4   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471664.52              471714.52              471764.52
       471814.52              471864.52
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776653.9 |      2.68400 (15063020)      3.15641 (13090422)      3.93161
(13090422)      5.93547 (13071606)      9.58527 (12031208)
 3776603.9 |      2.41587 (15063020)      2.76566 (13090422)      3.28425
(13090422)      4.08688 (13090923)      7.11721 (13071606)
 3776553.9 |      2.24037 (15063020)      2.52786 (15063020)      2.91935
(13090422)      3.46504 (13090923)      5.48730 (12102008)
 3776503.9 |      2.10762 (15063020)      2.36218 (15063020)      2.69972
(13090422)      3.05419 (13090923)      3.71557 (12082102)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3037090 , C3037091
, C3037092 , C3037093 , C3037094 ,
C3037095 , C3037096 , C3037097 , C3037098 , C3037099
, C3037100 , C3037101 , C3037102 ,
C3037103 , C3037104 , C3037105 , C3037106 , C3037107
, C3037108 , C3037109 , C3037110 ,
C3037111 , C3037112 , C3037113 , C3037114 , C3037115
, C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART4 ; NETWORK TYPE:
GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 471914.52
- - - -

```
                                   *** NETWORK ID: UCART5   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471554.26              471604.26              471654.26
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3776759.2 |      2.64557 (15081522)      3.13522 (15081522)      3.97675
(15063020)
 3776709.2 |      2.31220 (15081522)      2.63330 (15081522)      3.08507
(15063020)
 3776659.2 |      2.09635 (15081522)      2.33492 (15081522)      2.64467
(15063020)
 3776609.2 |      1.94455 (15081522)      2.13794 (15081522)      2.37555
(15063020)
 3776559.2 |      1.82512 (15081522)      1.99932 (15081522)      2.20178
(15063020)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***       08:39:22

                                   PAGE  90
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART6   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471343.73              471393.73              471443.73
```

```
      471493.73               471543.73
 - - -
```

```
 - - -
```

```
 3777063.8 |      1.94524 (16081423)      2.12073 (16072703)      2.32409
(16072703)      2.64341 (12091521)      3.08238 (13090622)
 3777013.8 |      1.75405 (16081423)      1.88675 (16081423)      2.03032
(16072703)      2.23159 (16072703)      2.50831 (12091521)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE  93
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART8   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471275.84
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777113.8 |      8.56804 (15062206)
 3777063.8 |      4.11294 (16071006)
 3777013.8 |      2.91513 (13090622)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE  94
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
```

```
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART9   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471071.36              471121.36              471171.36
       471221.36
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3777220.7 |      4.03896 (13090622)      6.48124 (15062206)      9.50879
(12031208)      5.94541 (12061507)
 3777170.7 |      3.02281 (12091521)      3.69964 (13090622)      5.40287
(15062206)      9.04518 (12031208)
 3777120.7 |      2.46290 (16111321)      2.78809 (12091521)      3.34439
(16071006)      4.72314 (16071006)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                   PAGE  95
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART10  ;  NETWORK TYPE:
GRIDCART ***
```

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       470606.55              470656.55              470706.55
       470756.55              470806.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3777252.6 |      1.51478 (13082602)      1.63016 (16081423)      1.74153
(16081423)      1.89533 (15101502)      2.10465 (15101502)
 3777202.6 |      1.39859 (16072401)      1.47572 (13082602)      1.58595
(16081423)      1.71535 (16081423)      1.83775 (16081423)
 3777152.6 |      1.28158 (15090724)      1.35123 (16072401)      1.43873
(16072401)      1.53745 (16081423)      1.66765 (16081423)
 3777102.6 |      1.19556 (11082723)      1.25527 (15090724)      1.33416
(15090724)      1.42028 (16072401)      1.50930 (16072401)
 3777052.6 |      1.11262 (11082723)      1.16765 (11082723)      1.23819
(15090724)      1.31273 (15090724)      1.38657 (15090724)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***       08:39:22

                                  PAGE  96
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART10  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       470856.55              470906.55              470956.55
       471006.55              471056.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

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

 3777252.6 |      2.42873 (16072703)      2.85253 (16072703)      3.55512
(16072703)      4.08891 (12091521)      5.00380 (15062206)
 3777202.6 |      2.02626 (15101502)      2.22557 (16072703)      2.46687
(16072703)      2.81710 (12091521)      3.35276 (12091521)
 3777152.6 |      1.81338 (16081423)      1.94501 (15101502)      2.12885
(16072703)      2.36612 (16072703)      2.67556 (16111420)
 3777102.6 |      1.62753 (16081423)      1.76552 (16081423)      1.91010
(16081423)      2.05531 (16072703)      2.28406 (16072703)
 3777052.6 |      1.48324 (16072401)      1.58794 (16072401)      1.71542
(16081423)      1.84190 (16081423)      2.00094 (15101502)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***       08:39:22

                                 PAGE  97
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                 *** NETWORK ID: UCART11  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       470269.99              470319.99              470369.99
       470419.99
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777554.4 |      1.47944 (15102720)      1.56353 (15101502)      1.65850
(15101502)      1.80122 (16072703)
 3777504.4 |      1.41032 (16081423)      1.48692 (16081423)      1.57098
(15101502)      1.68027 (15101502)
 3777454.4 |      1.31443 (13082602)      1.40258 (16081423)      1.48396
```

```
(16081423)      1.56820 (16081423)
 3777404.4 |      1.23606 (16072401)      1.30085 (13082602)      1.37999
(16081423)      1.47193 (16081423)
 3777354.4 |      1.15777 (16072401)      1.22261 (16072401)      1.28731
(16072401)      1.36143 (13082602)
 3777304.4 |      1.09382 (15090724)      1.14504 (15090724)      1.20588
(16072401)      1.27784 (16072401)
```



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

                          *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                             INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                *** NETWORK ID: UCART12  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       468710.70               468760.70               468810.70
       468860.70               468910.70
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3779663.0 |      1.02165 (15081422)      1.06927 (12081505)      1.15354
(12081505)      1.26489 (15012702)      1.48131 (15062206)
 3779613.0 |      1.01511 (15081422)      1.07646 (15081422)      1.13353
(15081422)      1.23270 (12081505)      1.36195 (15012702)
 3779563.0 |      1.00624 (15011017)      1.05931 (15081422)      1.12529
(15081422)      1.18938 (15081422)      1.29154 (12081505)
 3779513.0 |      1.00297 (12090901)      1.04236 (15011017)      1.09734
(15081422)      1.16497 (15081422)      1.22368 (12081505)
 3779463.0 |      0.99701 (12090901)      1.03442 (12090901)      1.07285
(15011017)      1.12466 (15081422)      1.18639 (15081422)
```

```
 3779413.0 |      0.98877 (15062604)      1.02245 (12090901)      1.06042
(12090901)      1.09395 (15011017)      1.13900 (15081422)
 3779363.0 |      0.97944 (15061824)      1.01333 (15062604)      1.04347
(12090901)      1.08036 (12090901)      1.10682 (15011017)
 3779313.0 |      0.97967 (15061824)      1.00360 (15061824)      1.03356
(15062604)      1.06047 (12090901)      1.09471 (12090901)
♠ *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE  99
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART12  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       468960.70              469010.70              469060.70
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3779663.0 |      1.96612 (15062206)      2.92556 (11061907)      5.63162
(13041307)
 3779613.0 |      1.62348 (15062206)      2.12615 (15062206)      3.25012
(11061907)
 3779563.0 |      1.41553 (15012702)      1.65680 (15062206)      2.29324
(11061907)
 3779513.0 |      1.31324 (12081505)      1.40823 (15012702)      1.73917
(11061907)
 3779463.0 |      1.23271 (12081505)      1.29613 (12081505)      1.34475
(15012702)
 3779413.0 |      1.19172 (15081422)      1.22153 (12081505)      1.25555
(12081505)
```

```
 3779363.0 |      1.14536 (15081422)      1.18822 (15081422)      1.20001
(12081505)
 3779313.0 |      1.11536 (15011017)      1.14746 (15081422)      1.18089
(15081422)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 100
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART13  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471075.86              471125.86              471175.86
       471225.86              471275.86
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777911.5 |      1.91383 (13092321)      1.89042 (13092321)      1.85714
(13082423)      1.84000 (15081522)      1.83802 (15081522)
 3777861.5 |      1.98494 (16072824)      1.96155 (13092321)      1.92869
(13082423)      1.89822 (16070903)      1.89451 (15081522)
 3777811.5 |      2.07835 (16072824)      2.03469 (13092321)      2.00290
(13092321)      1.96445 (13082423)      1.95296 (15081522)
 3777761.5 |      2.17053 (16072824)      2.12462 (16072824)      2.08157
(13092321)      2.04032 (13082423)      2.00339 (15081522)
 3777711.5 |      2.26602 (15083102)      2.21008 (16072824)      2.14689
(13092321)      2.10922 (13092321)      2.06425 (13082423)
 3777661.5 |      2.41597 (16102718)      2.30855 (15083102)      2.24171
(16072824)      2.18392 (13092321)      2.13942 (13082423)
 3777611.5 |      2.57303 (15082522)      2.44962 (16102718)      2.34061
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```
(16072824)      2.26521 (16072824)      2.21564 (13092321)
 3777561.5 |      2.75654 (15082522)      2.59456 (16102718)      2.46128
(16102718)      2.37378 (16072824)      2.29003 (13092321)
 3777511.5 |      2.92730 (15082701)      2.76410 (15082522)      2.59030
(16102718)      2.45225 (16102718)      2.37347 (16072824)
 3777461.5 |      3.18147 (16082302)      2.93966 (15082701)      2.76823
(15082522)      2.59851 (16102718)      2.45016 (15083102)
 3777411.5 |      3.66270 (16072803)      3.20024 (16082302)      2.94028
(15082701)      2.74423 (15082522)      2.56059 (16102718)
 3777361.5 |      4.44726 (15081422)      3.64087 (16102921)      3.13516
(16082302)      3.06900 (15082701)      2.76795 (15082522)
```



```
                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART13  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       471325.86              471375.86              471425.86
       471475.86              471525.86
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3777911.5 |      1.82439 (13090305)      1.81522 (15063020)      1.80449
(15063020)      1.80782 (13090422)      1.78611 (13090422)
 3777861.5 |      1.87555 (13090305)      1.85269 (15063020)      1.85624
(15063020)      1.84786 (13090422)      1.84575 (13090422)
 3777811.5 |      1.93626 (15081522)      1.90911 (13090305)      1.90082
(15063020)      1.88978 (13090422)      1.89858 (13090422)
```

```
 3777761.5 |      1.99857 (15081522)      1.96594 (13090305)      1.94923
(15063020)      1.93467 (15063020)      1.94658 (13090422)
 3777711.5 |      2.05376 (15081522)      2.02222 (15081522)      2.00070
(15063020)      1.99166 (15063020)      1.99263 (13090422)
 3777661.5 |      2.10651 (15081522)      2.08611 (15081522)      2.05103
(13090305)      2.04644 (15063020)      2.03956 (13090422)
 3777611.5 |      2.16219 (13082423)      2.14527 (15081522)      2.10607
(13090305)      2.09333 (15063020)      2.07969 (13090422)
 3777561.5 |      2.23844 (13092321)      2.18995 (15081522)      2.16568
(15081522)      2.12872 (15063020)      2.12797 (15063020)
 3777511.5 |      2.30488 (13092321)      2.21867 (13082423)      2.22054
(15081522)      2.20474 (13090305)      2.19175 (15063020)
 3777461.5 |      2.37498 (16072824)      2.27967 (13092321)      2.23862
(15081522)      2.27802 (15081522)      2.24024 (15063020)
 3777411.5 |      2.43089 (13082623)      2.32238 (16072824)      2.24480
(13092321)      2.26168 (15081522)      2.25953 (13090305)
 3777361.5 |      2.51090 (16102718)      2.39127 (15101121)      2.26350
(13092321)      2.23792 (12091206)      2.28688 (15090919)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 102
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART14  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       472114.69              472164.69              472214.69
       472264.69              472314.69
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
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```
 3777124.5 |      2.15308 (12071204)      1.80621 (12081123)      1.69218
(11070701)      1.56352 (15042722)      1.47182 (12080824)
 3777074.5 |      2.17995 (12071204)      1.86499 (11070701)      1.72068
(11070701)      1.58393 (13081902)      1.48988 (11090520)
 3777024.5 |      2.21033 (12071204)      1.91989 (11070701)      1.75870
(11070701)      1.61544 (13081902)      1.51314 (11090520)
 3776974.5 |      2.21173 (13110820)      1.93435 (11070701)      1.78330
(15082303)      1.62679 (13081902)      1.52485 (11090520)
 3776924.5 |      2.20820 (12071220)      1.90382 (11070701)      1.78189
(11070701)      1.64493 (13081902)      1.54556 (11090520)
 3776874.5 |      2.15965 (12071220)      1.61123 (12081123)      1.56460
(11070701)      1.47739 (15042722)      1.44514 (11090520)
 3776824.5 |      1.99487 (12071220)      1.62538 (12081123)      1.54641
(12081123)      1.45591 (16092019)      1.41109 (12080824)
 3776774.5 |      1.92102 (12091321)      1.66842 (15090821)      1.55596
(11070701)      1.48153 (15042722)      1.42616 (11090520)
 3776724.5 |      2.01673 (12091321)      1.74380 (12081123)      1.57840
(12081123)      1.47452 (16092019)      1.45519 (11090520)
 3776674.5 |      2.11528 (12091321)      1.80819 (12081123)      1.59713
(12081123)      1.46620 (16092019)      1.39610 (12080824)
 3776624.5 |      2.23796 (12091321)      1.83765 (12081123)      1.64890
(12081123)      1.50492 (16092019)      1.42231 (12080824)
 3776574.5 |      2.26364 (12091321)      1.88840 (12081123)      1.68588
(12081123)      1.52838 (16092019)      1.42830 (11090520)
 3776524.5 |      2.37676 (12091321)      1.95733 (12081123)      1.69896
(12081123)      1.53433 (16092019)      1.40806 (11090520)
 3776474.5 |      2.57229 (12091321)      2.06781 (12081123)      1.76740
(12081524)      1.54728 (16092019)      1.39444 (12080824)
 3776424.5 |      2.70927 (12091321)      2.34360 (12081123)      1.83030
(12081524)      1.56081 (16092019)      1.40243 (15082606)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 103
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
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, C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART14 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	472364.69	472414.69	472464.69	472514.69	472564.69
3777124.5	1.39189 (11090520)	1.31691 (12081622)	1.25198 (12081702)	1.17443 (16072323)	1.12635 (13090423)
3777074.5	1.40167 (11090520)	1.31884 (12081702)	1.25267 (12081702)	1.18107 (16072323)	1.12816 (13090423)
3777024.5	1.41658 (11090520)	1.32495 (12081702)	1.24818 (12081702)	1.17424 (16072323)	1.12337 (13090423)
3776974.5	1.42817 (11090520)	1.32280 (11082620)	1.23285 (13072602)	1.14699 (12091320)	1.08480 (12091320)
3776924.5	1.43636 (11090520)	1.33357 (11082620)	1.23426 (13072602)	1.12184 (12091320)	1.07282 (12091320)
3776874.5	1.37151 (11090520)	1.29951 (12081702)	1.20548 (13072602)	1.13103 (12091320)	1.08143 (13090423)
3776824.5	1.35795 (11090520)	1.29326 (12081702)	1.20006 (12081702)	1.11824 (12091320)	1.06689 (12091320)
3776774.5	1.36848 (11090520)	1.28660 (12081702)	1.20595 (13072602)	1.13137 (12091320)	1.06565 (12091320)
3776724.5	1.38517 (11090520)	1.28985 (16091720)	1.20526 (13072602)	1.14667 (12091320)	1.07178 (12091320)
3776674.5	1.30978 (11090520)	1.23878 (12081702)	1.15302 (13072602)	1.14548 (12091320)	1.06928 (16110719)
3776624.5	1.31854 (11090520)	1.23860 (12081702)	1.15547 (13072602)	1.12132 (12091320)	1.05232 (13090423)
3776574.5	1.32078 (11090520)	1.23311 (12081702)	1.15033 (12092120)	1.12973 (12091320)	1.05851 (13100620)
3776524.5	1.29622 (11090520)	1.20237 (12081702)	1.11107 (12092120)	1.05600 (12091320)	0.99739 (16110719)
3776474.5	1.27724 (12081702)	1.18502 (12081702)	1.08325 (12092120)	1.03588 (12091320)	0.96981 (16110719)
3776424.5	1.27446 (12081702)	1.17612 (12081702)	1.06559 (12091320)	1.01775 (13090423)	0.95707 (12092721)

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

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART15  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       472138.17               472188.17               472238.17
       472288.17               472338.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3775714.7 |      2.82649 (13061906)      2.17922 (12080824)      1.71821
(12081702)      1.43954 (12081702)      1.22534 (13090423)
 3775664.7 |      2.83559 (12081123)      2.60370 (11090520)      1.74902
(12081702)      1.42032 (12081702)      1.20466 (13090423)
 3775614.7 |      2.77035 (16092019)      2.38992 (11090520)      1.66091
(12081702)      1.39569 (13090423)      1.18647 (13090423)
 3775564.7 |      2.58643 (13071606)      1.97712 (12080824)      1.56723
(13071606)      1.35353 (13090423)      1.14856 (13090423)
 3775514.7 |      2.53322 (13071606)      1.92545 (13071606)      1.55484
(13071606)      1.30395 (13071606)      1.12074 (13071606)
 3775464.7 |      2.52195 (13071606)      1.91617 (13071606)      1.54786
(13071606)      1.29842 (13071606)      1.11604 (13071606)
 3775414.7 |      2.53772 (13071606)      1.91718 (13071606)      1.54512
(13071606)      1.29422 (13071606)      1.11154 (13071606)
 3775364.7 |      2.56245 (13071606)      1.92424 (13071606)      1.54496
(13071606)      1.29109 (13071606)      1.10735 (13071606)
 3775314.7 |      2.59817 (13071606)      1.93496 (13071606)      1.54576
(13071606)      1.28781 (13071606)      1.10258 (13071606)
 3775264.7 |      2.65890 (13071606)      1.94676 (13071606)      1.54515
(13071606)      1.28337 (13071606)      1.09694 (13071606)
 3775214.7 |      2.69324 (13071606)      1.95065 (13071606)      1.54117
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(13071606)      1.27679 (13071606)      1.08965 (13071606)
 3775164.7 |      2.66739 (13071606)      1.93812 (13071606)      1.53065
(13071606)      1.26731 (13071606)      1.08042 (13071606)
 3775114.7 |      2.61647 (13071606)      1.91454 (13071606)      1.51537
(13071606)      1.25512 (13071606)      1.06945 (13071606)
 3775064.7 |      2.57075 (13071606)      1.89021 (13071606)      1.49749
(13071606)      1.24029 (13071606)      1.05664 (13071606)
 3775014.7 |      2.53962 (13071606)      1.86739 (13071606)      1.47899
(13071606)      1.22460 (13071606)      1.04445 (13112508)
 3774964.7 |      2.49836 (13071606)      1.84046 (13071606)      1.45905
(13071606)      1.20718 (13071606)      1.03785 (13112508)
 3774914.7 |      2.46243 (13071606)      1.81704 (13071606)      1.43813
(13071606)      1.18768 (13071606)      1.02922 (13112508)
 3774864.7 |      2.47993 (12061206)      1.79166 (13071606)      1.41445
(13071606)      1.16581 (13071606)      1.01625 (16110804)
 3774814.7 |      2.54638 (12061206)      1.76239 (13071606)      1.38675
(13071606)      1.14147 (12100124)      1.00482 (16110804)
 3774764.7 |      2.36363 (13071606)      1.72563 (13071606)      1.35389
(13071606)      1.12996 (12100124)      0.99465 (16110804)
 3774714.7 |      2.30193 (13071606)      1.67751 (13071606)      1.31289
(13071606)      1.11610 (12100124)      0.98283 (12100124)
 3774664.7 |      2.34746 (12061206)      1.61926 (13071606)      1.27058
(12100124)      1.09945 (12100124)      0.97040 (12100124)
 3774614.7 |      2.26681 (12061206)      1.54145 (13071606)      1.24959
(12100124)      1.08180 (12100124)      0.95545 (12100124)
 3774564.7 |      1.99892 (13071606)      1.47440 (12100124)      1.22855
(12100124)      1.06463 (12100124)      0.94152 (12100124)
 3774514.7 |      1.95317 (13041207)      1.44815 (12100124)      1.20593
(12100124)      1.04554 (12100124)      0.92525 (12100124)
 3774464.7 |      1.94927 (13062206)      1.40529 (12100124)      1.18009
(12100124)      1.02656 (12100124)      0.90962 (12100124)
 3774414.7 |      1.80645 (13041207)      1.34512 (12100124)      1.14656
(12100124)      1.00376 (12100124)      0.89366 (12100124)
 3774364.7 |      1.76830 (13041207)      1.29190 (12100124)      1.11022
(12100124)      0.98001 (12100124)      0.87759 (12100124)
 3774314.7 |      1.69623 (13041207)      1.23259 (12092403)      1.07320
(12100124)      0.95439 (12100124)      0.85858 (12100124)
 3774264.7 |      1.48926 (13041207)      1.19017 (13041207)      1.02657
(12100124)      0.92770 (12100124)      0.84113 (12100124)
```


*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION

```
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART16  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       472255.22              472305.22              472355.22
       472405.22              472455.22
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776236.9 |      1.66068 (12080824)      1.46087 (15082606)      1.29562
(12081702)      1.16403 (12081702)      1.07290 (12091320)
 3776186.9 |      1.67537 (12080824)      1.48206 (15082606)      1.29701
(12081702)      1.17619 (12092120)      1.06462 (12091320)
 3776136.9 |      1.67820 (12080824)      1.49038 (12081622)      1.28822
(12081702)      1.15854 (13090423)      1.04972 (12091320)
 3776086.9 |      1.68991 (12080824)      1.47761 (12081702)      1.27984
(12081702)      1.14969 (12091320)      1.02631 (12091320)
 3776036.9 |      1.69182 (12080824)      1.46268 (12081702)      1.27031
(12081702)      1.11920 (13090423)      0.99913 (12091320)
 3775986.9 |      1.69238 (15082606)      1.47073 (12081702)      1.27389
(12081702)      1.11858 (12091320)      0.95429 (13090423)
 3775936.9 |      1.71603 (15082606)      1.45749 (12081702)      1.26455
(13090423)      1.10917 (12091320)      0.93909 (11120208)
 3775886.9 |      1.69399 (12081622)      1.44804 (12081702)      1.23710
(13090423)      1.06256 (13090423)      0.93586 (11120208)
```



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                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
```

BNSF Ono_Con_CO.ADO
INCLUDING SOURCE(S): C3037090 , C3037091
, C3037092 , C3037093 , C3037094 ,
C3037095 , C3037096 , C3037097 , C3037098 , C3037099
, C3037100 , C3037101 , C3037102 ,
C3037103 , C3037104 , C3037105 , C3037106 , C3037107
, C3037108 , C3037109 , C3037110 ,
C3037111 , C3037112 , C3037113 , C3037114 , C3037115
, C3037116 , C3037117 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 471773.42	471823.42	471873.42	471923.42	471973.42
3776102.4	2.14071 (15063020)	2.37506 (13090422)	2.61713 (13090923)	3.08142 (12092121)	4.32225 (13071606)
3776052.4	2.11545 (15063020)	2.35583 (13090422)	2.61836 (13090923)	3.06961 (12092121)	4.24840 (13071606)
3776002.4	2.08246 (15090919)	2.33334 (13090422)	2.59656 (13090923)	3.04919 (12092121)	4.19138 (11061907)
3775952.4	2.04603 (15090919)	2.27410 (13090422)	2.53205 (13090923)	2.91813 (12092121)	3.73543 (11082623)
3775902.4	2.04636 (15090919)	2.24367 (13090422)	2.46544 (13090923)	2.90278 (12092121)	3.73327 (11082623)
3775852.4	2.00078 (15090919)	2.20362 (13090422)	2.39817 (13090923)	2.79720 (12092121)	3.66654 (11082623)
3775802.4	1.97680 (15090919)	2.15322 (13090422)	2.35837 (13090422)	2.76588 (12092121)	3.62121 (11082623)
3775752.4	1.91296 (15090919)	2.12442 (13090422)	2.34893 (13090422)	2.74503 (12092121)	3.56612 (11082623)
3775702.4	1.89933 (15090919)	2.12032 (15090919)	2.35772 (13090422)	2.73895 (12082102)	3.57892 (11082623)
3775652.4	1.87603 (11100120)	2.19455 (15090919)	2.72087 (13090422)	3.89043 (13090422)	5.45931 (12082102)
3775602.4	1.85616 (11100120)	2.11034 (15090919)	2.42171 (13090422)	2.95962 (12082102)	4.36894 (13071606)
3775552.4	1.82679 (11100120)	2.09109 (15090919)	2.34539 (13090422)	2.85106 (12082102)	4.66657 (13071606)
3775502.4	1.81801 (12091206)	2.07268 (15090919)	2.37968 (13090422)	2.93045 (13071606)	4.97022 (11061907)
3775452.4	1.77350 (12091206)	1.98555 (15090919)	2.28588		

```
(13090422)      3.09693 (13071606)      6.43887 (12061507)
 3775402.4 |      1.71844 (12091206)      1.94257 (15090919)      2.30128
(13090422)      3.51961 (12102008)      8.62260 (11061907)
 3775352.4 |      1.67400 (11070706)      1.91231 (15090919)      2.20346
(13090422)      2.99947 (11061907)      6.36971 (11061907)
 3775302.4 |      1.66039 (11070706)      1.85660 (15090919)      2.06367
(13090422)      3.04914 (11061907)      4.82528 (11061907)
 3775252.4 |      1.55477 (11070706)      1.68610 (15090919)      1.95490
(13071606)      2.77177 (11061907)      4.46592 (11061907)
 3775202.4 |      1.50977 (11070706)      1.54371 (11070706)      1.90868
(13071606)      2.55694 (11061907)      4.07599 (11061907)
 3775152.4 |      1.39236 (11070706)      1.51882 (13071606)      1.87933
(13071606)      2.47688 (13071606)      3.73776 (13071606)
 3775102.4 |      1.28346 (11070706)      1.50564 (13071606)      1.86619
(13071606)      2.47120 (13071606)      3.79172 (13071606)
 3775052.4 |      1.25245 (13071606)      1.49898 (13071606)      1.86539
(13071606)      2.48566 (13071606)      3.86230 (13071606)
 3775002.4 |      1.24567 (13071606)      1.49762 (13071606)      1.87497
(13071606)      2.51689 (13071606)      3.93391 (13071606)
 3774952.4 |      1.24008 (13071606)      1.50005 (13071606)      1.89501
(13071606)      2.57767 (13071606)      4.09691 (13071606)
 3774902.4 |      1.23363 (13071606)      1.50332 (13071606)      1.92150
(13071606)      2.67587 (13071606)      4.58663 (13071606)
 3774852.4 |      1.22390 (13071606)      1.50282 (13071606)      1.94294
(13071606)      2.75169 (13071606)      5.24445 (12102008)
 3774802.4 |      1.20813 (13071606)      1.49384 (13071606)      1.95334
(13071606)      2.80895 (13071606)      5.40353 (11061907)
 3774752.4 |      1.18357 (13071606)      1.47083 (13071606)      1.94288
(13071606)      2.88961 (13071606)      6.57189 (12102008)
 3774702.4 |      1.14846 (13071606)      1.42879 (13071606)      2.02081
(12102008)      3.35983 (12102008)      7.69836 (11061907)
 3774652.4 |      1.10283 (13071606)      1.38165 (12102008)      1.80191
(12102008)      2.96734 (11061907)      6.31253 (11061907)
 3774602.4 |      1.04772 (13071606)      1.29868 (13071606)      1.77054
(11061907)      3.00441 (11061907)      4.62740 (16012717)
 3774552.4 |      1.03978 (15100918)      1.25573 (15100918)      1.82961
(11061907)      2.71162 (11061907)      5.08365 (13041307)
 3774502.4 |      1.02585 (15100918)      1.26582 (11061907)      1.78133
(11061907)      2.84194 (12102008)      6.03375 (13041307)
 3774452.4 |      1.00545 (15100918)      1.26750 (11061907)      1.70293
(11061907)      2.63538 (11061907)      5.96232 (11061907)
 3774402.4 |      0.98414 (15100918)      1.25018 (11061907)      1.70232
(11061907)      2.70049 (11061907)      4.24895 (11061907)
 3774352.4 |      0.96425 (15100918)      1.24347 (11061907)      1.70879
(11061907)      2.44007 (11061907)      3.28032 (16012717)
 3774302.4 |      0.96094 (11061907)      1.23887 (11061907)      1.64012
(11061907)      2.06077 (16012717)      2.26881 (16012717)
 3774252.4 |      0.95916 (11061907)      1.21117 (11061907)      1.48546
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(11061907)      1.72215 (16012717)      1.59192 (16012717)
 3774202.4 |      0.94657 (11061907)      1.14357 (11061907)      1.31367
(16012717)      1.47394 (16012717)      1.34536 (12031608)
 3774152.4 |      0.91457 (11061907)      1.03491 (11061907)      1.15641
(16012717)      1.12695 (16012717)      1.18474 (12031608)
```



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                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

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

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       472023.42
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776102.4 |      9.77656 (12061507)
 3776052.4 |     10.22073 (12061507)
 3776002.4 |      9.90316 (13041307)
 3775952.4 |      8.68671 (13041307)
 3775902.4 |      8.69102 (13041307)
 3775852.4 |      8.68697 (13041307)
 3775802.4 |      8.44824 (12061507)
 3775752.4 |      8.22355 (13041307)
 3775702.4 |      8.20643 (13041307)
 3775652.4 |      8.95433 (12061507)
 3775602.4 |     10.85072 (11061907)
 3775552.4 |     10.31653 (12031608)
 3775502.4 |     10.38153 (12031608)
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 3775452.4 |     10.04548 (12031608)
 3775402.4 |      9.29304 (12061507)
 3775352.4 |     10.76107 (12031608)
 3775302.4 |     10.56637 (12031608)
 3775252.4 |     12.28467 (13041307)
 3775202.4 |     10.05142 (13041307)
 3775152.4 |     10.71080 (13041307)
 3775102.4 |     11.72194 (13041307)
 3775052.4 |     12.62836 (13041307)
 3775002.4 |     11.67383 (11061907)
 3774952.4 |     11.70542 (16012717)
 3774902.4 |     11.68948 (16012717)
 3774852.4 |     10.44464 (13041307)
 3774802.4 |     10.42006 (13041307)
 3774752.4 |     12.76022 (13041307)
 3774702.4 |     10.96215 (13041307)
 3774652.4 |     11.68456 (13041307)
 3774602.4 |     11.53442 (13041307)
 3774552.4 |     11.45952 (13041307)
 3774502.4 |     11.42424 (13041307)
 3774452.4 |      9.94343 (12031608)
 3774402.4 |      7.88888 (12031608)
 3774352.4 |      4.12121 (12031608)
 3774302.4 |      2.83451 (12031608)
 3774252.4 |      2.18356 (12031608)
 3774202.4 |      1.78406 (12031608)
 3774152.4 |      1.51152 (12031608)
```



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                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                 *** NETWORK ID: UCART2   ;  NETWORK TYPE:
GRIDCART ***
```

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471764.54              471814.54              471864.54
       471914.54              471964.54
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3776302.8 |      2.28036 (13090422)      2.49777 (13090422)      2.72644
(12082102)      3.14383 (12092121)      4.06928 (13071606)
 3776252.8 |      2.21928 (13090422)      2.39917 (13090422)      2.64976
(12082102)      3.05167 (12092121)      3.84176 (11082623)
 3776202.8 |      2.17856 (13090422)      2.37325 (13090422)      2.61634
(13090923)      3.04887 (12092121)      3.79698 (11082623)
 3776152.8 |      2.13512 (15063020)      2.33463 (13090422)      2.58884
(13090923)      2.97957 (12092121)      3.84772 (11082623)
 3776102.8 |      2.11166 (15063020)      2.33912 (13090422)      2.56228
(13090923)      2.97695 (12092121)      3.89157 (11082623)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 109
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART2   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       472014.54
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 3776302.8 |     10.90671 (13041307)
 3776252.8 |      9.51097 (13041307)
 3776202.8 |      9.28736 (12061507)
 3776152.8 |     11.28113 (12061507)
 3776102.8 |     12.20072 (12061507)
```



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                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART3   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471756.60              471806.60              471856.60
       471906.60              471956.60
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776504.7 |      2.63925 (13090422)      2.98396 (13090923)      3.59770
(12082102)      4.91873 (13071606)     11.11754 (13041207)
 3776454.7 |      2.50462 (13090422)      2.80340 (13090422)      3.29524
(12082102)      4.18847 (12092121)      7.51521 (13041307)
 3776404.7 |      2.40775 (13090422)      2.64609 (13090422)      3.07383
(13090923)      3.90904 (12082102)      5.41820 (13062006)
 3776354.7 |      2.30857 (13090422)      2.53719 (13090422)      2.76769
(12082102)      3.22026 (12092121)      4.38853 (13071606)
 3776304.7 |      2.24453 (13090422)      2.47009 (13090422)      2.67833
(13090923)      3.05899 (12092121)      3.85164 (11082623)
```

*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

PAGE 111
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): C3037090 , C3037091
, C3037092 , C3037093 , C3037094 ,
C3037095 , C3037096 , C3037097 , C3037098 , C3037099
, C3037100 , C3037101 , C3037102 ,
C3037103 , C3037104 , C3037105 , C3037106 , C3037107
, C3037108 , C3037109 , C3037110 ,
C3037111 , C3037112 , C3037113 , C3037114 , C3037115
, C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART3 ; NETWORK TYPE:
GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 472006.60
- - - -

```
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART4   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471664.52               471714.52               471764.52
       471814.52               471864.52
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776653.9 |      2.68400 (15063020)      3.15641 (13090422)      3.93161
(13090422)      5.93547 (13071606)      9.58527 (12031208)
 3776603.9 |      2.41587 (15063020)      2.76566 (13090422)      3.28425
(13090422)      4.08688 (13090923)      7.11721 (13071606)
 3776553.9 |      2.24037 (15063020)      2.52786 (15063020)      2.91935
(13090422)      3.46504 (13090923)      5.48730 (12102008)
 3776503.9 |      2.10762 (15063020)      2.36218 (15063020)      2.69972
(13090422)      3.05419 (13090923)      3.71557 (12082102)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                   PAGE 113
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART4   ;  NETWORK TYPE:
GRIDCART ***
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                                   ** CONC OF CO       IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       471914.52
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3776653.9 |      5.77098 (12061507)
 3776603.9 |     11.32987 (12061507)
 3776553.9 |     10.23096 (13041207)
 3776503.9 |      5.37908 (13071606)
*** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***       08:39:22

                                 PAGE 114
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                 *** NETWORK ID: UCART5   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       471554.26              471604.26              471654.26
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3776759.2 |      2.64557 (15081522)      3.13522 (15081522)      3.97675
(15063020)
 3776709.2 |      2.31220 (15081522)      2.63330 (15081522)      3.08507
(15063020)
 3776659.2 |      2.09635 (15081522)      2.33492 (15081522)      2.64467
(15063020)
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 3776609.2 |      1.94455 (15081522)      2.13794 (15081522)      2.37555
(15063020)
 3776559.2 |      1.82512 (15081522)      1.99932 (15081522)      2.20178
(15063020)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 115
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART6   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471343.73              471393.73              471443.73
       471493.73              471543.73
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776922.8 |      2.49351 (12091521)      2.91510 (13090622)      3.78831
(16071006)      6.15668 (13071606)      9.70250 (12031208)
 3776872.8 |      2.07810 (12091521)      2.36374 (12091521)      2.75617
(13082423)      3.61597 (13090622)      5.42199 (13041307)
 3776822.8 |      1.86331 (13092321)      2.06663 (13092321)      2.32557
(13082423)      2.76085 (12091521)      3.41144 (13090622)
 3776772.8 |      1.70963 (13092321)      1.86973 (13092321)      2.05957
(13082423)      2.31589 (15081522)      2.67992 (15081522)
 3776722.8 |      1.59242 (13092321)      1.72767 (13092321)      1.87810
(13082423)      2.06065 (16070903)      2.32296 (15081522)
 3776672.8 |      1.50548 (16072824)      1.62046 (13092321)      1.74723
(13082423)      1.88988 (13082423)      2.09977 (15081522)
 3776622.8 |      1.43767 (16072824)      1.53457 (13092321)      1.64882
```

(13092321) 1.77141 (13082423) 1.94102 (15081522)
3776572.8 | 1.38189 (16072824) 1.46370 (16072824) 1.56982
(13092321) 1.68515 (13082423) 1.81855 (15081522)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): C3037090 , C3037091
, C3037092 , C3037093 , C3037094 ,
C3037095 , C3037096 , C3037097 , C3037098 , C3037099
, C3037100 , C3037101 , C3037102 ,
C3037103 , C3037104 , C3037105 , C3037106 , C3037107
, C3037108 , C3037109 , C3037110 ,
C3037111 , C3037112 , C3037113 , C3037114 , C3037115
, C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART7 ; NETWORK TYPE:
GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 471137.27 471187.27 471237.27
471287.27 471337.27
- -
- -

3777005.9 | 2.02292 (16072703) 2.22526 (16072703) 2.50780
(12091521) 2.93396 (13090622) 3.78183 (16071006)
3776955.9 | 1.81974 (16081423) 1.96710 (15101502) 2.16108
(16072703) 2.42764 (12091521) 2.78017 (13090622)
3776905.9 | 1.62616 (16081423) 1.75210 (16081423) 1.86237
(15101502) 2.05382 (16072703) 2.29859 (12091521)
3776855.9 | 1.46523 (16072401) 1.55939 (16081423) 1.67416
(16081423) 1.79153 (15101502) 1.96746 (13092321)
3776805.9 | 1.33697 (15090724) 1.41670 (15090724) 1.51340
(16072824) 1.63528 (16072824) 1.78421 (13092321)
3776755.9 | 1.23880 (16102718) 1.32487 (15083102) 1.42370
(16072824) 1.53068 (16072824) 1.64839 (13092321)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): C3037090 , C3037091 , C3037092 , C3037093 , C3037094 ,
C3037095 , C3037096 , C3037097 , C3037098 , C3037099 , C3037100 , C3037101 , C3037102 ,
C3037103 , C3037104 , C3037105 , C3037106 , C3037107 , C3037108 , C3037109 , C3037110 ,
C3037111 , C3037112 , C3037113 , C3037114 , C3037115 , C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 471025.84	471075.84	471125.84	471175.84	471225.84
3777113.8	2.20602 (16072703)	2.42894 (16111321)	2.74271 (12091521)	3.28097 (13090622)	4.55682 (16071006)
3777063.8	1.94524 (16081423)	2.12073 (16072703)	2.32409 (16072703)	2.64341 (12091521)	3.08238 (13090622)
3777013.8	1.75405 (16081423)	1.88675 (16081423)	2.03032 (16072703)	2.23159 (16072703)	2.50831 (12091521)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): C3037090 , C3037091 , C3037092 , C3037093 , C3037094 ,
C3037095 , C3037096 , C3037097 , C3037098 , C3037099

, C3037100 , C3037101 , C3037102 ,
C3037103 , C3037104 , C3037105 , C3037106 , C3037107
, C3037108 , C3037109 , C3037110 ,
C3037111 , C3037112 , C3037113 , C3037114 , C3037115
, C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART8 ; NETWORK TYPE:
GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 471275.84
- -

3777113.8 | 8.56804 (15062206)
3777063.8 | 4.11294 (16071006)
3777013.8 | 2.91513 (13090622)
*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

PAGE 119
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): C3037090 , C3037091
, C3037092 , C3037093 , C3037094 ,
C3037095 , C3037096 , C3037097 , C3037098 , C3037099
, C3037100 , C3037101 , C3037102 ,
C3037103 , C3037104 , C3037105 , C3037106 , C3037107
, C3037108 , C3037109 , C3037110 ,
C3037111 , C3037112 , C3037113 , C3037114 , C3037115
, C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART9 ; NETWORK TYPE:
GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 471071.36 471121.36 471171.36
471221.36

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 - - -
```

```
 3777052.6 |      1.11262 (11082723)      1.16765 (11082723)      1.23819
(15090724)      1.31273 (15090724)      1.38657 (15090724)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 121
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART10  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       470856.55              470906.55              470956.55
       471006.55              471056.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3777252.6 |      2.42873 (16072703)      2.85253 (16072703)      3.55512
(16072703)      4.08891 (12091521)      5.00380 (15062206)
 3777202.6 |      2.02626 (15101502)      2.22557 (16072703)      2.46687
(16072703)      2.81710 (12091521)      3.35276 (12091521)
 3777152.6 |      1.81338 (16081423)      1.94501 (15101502)      2.12885
(16072703)      2.36612 (16072703)      2.67556 (16111420)
 3777102.6 |      1.62753 (16081423)      1.76552 (16081423)      1.91010
(16081423)      2.05531 (16072703)      2.28406 (16072703)
 3777052.6 |      1.48324 (16072401)      1.58794 (16072401)      1.71542
(16081423)      1.84190 (16081423)      2.00094 (15101502)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): C3037090 , C3037091 , C3037092 , C3037093 , C3037094 ,
C3037095 , C3037096 , C3037097 , C3037098 , C3037099 , C3037100 , C3037101 , C3037102 ,
C3037103 , C3037104 , C3037105 , C3037106 , C3037107 , C3037108 , C3037109 , C3037110 ,
C3037111 , C3037112 , C3037113 , C3037114 , C3037115 , C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART11 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	470269.99	470319.99	470369.99	470419.99
3777554.4	1.47944 (15102720)	1.56353 (15101502)	1.65850 (15101502)	1.80122 (16072703)
3777504.4	1.41032 (16081423)	1.48692 (16081423)	1.57098 (15101502)	1.68027 (15101502)
3777454.4	1.31443 (13082602)	1.40258 (16081423)	1.48396 (16081423)	1.56820 (16081423)
3777404.4	1.23606 (16072401)	1.30085 (13082602)	1.37999 (16081423)	1.47193 (16081423)
3777354.4	1.15777 (16072401)	1.22261 (16072401)	1.28731 (16072401)	1.36143 (13082602)
3777304.4	1.09382 (15090724)	1.14504 (15090724)	1.20588 (16072401)	1.27784 (16072401)

*** AERMOD - VERSION 19191 *** *** Construction CO *** 06/23/20
*** AERMET - VERSION 16216 *** *** 08:39:22

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

```
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                 C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                 C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                 C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART12  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       468710.70              468760.70              468810.70
       468860.70              468910.70
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3779663.0 |      1.02165 (15081422)      1.06927 (12081505)      1.15354
(12081505)      1.26489 (15012702)      1.48131 (15062206)
 3779613.0 |      1.01511 (15081422)      1.07646 (15081422)      1.13353
(15081422)      1.23270 (12081505)      1.36195 (15012702)
 3779563.0 |      1.00624 (15011017)      1.05931 (15081422)      1.12529
(15081422)      1.18938 (15081422)      1.29154 (12081505)
 3779513.0 |      1.00297 (12090901)      1.04236 (15011017)      1.09734
(15081422)      1.16497 (15081422)      1.22368 (12081505)
 3779463.0 |      0.99701 (12090901)      1.03442 (12090901)      1.07285
(15011017)      1.12466 (15081422)      1.18639 (15081422)
 3779413.0 |      0.98877 (15062604)      1.02245 (12090901)      1.06042
(12090901)      1.09395 (15011017)      1.13900 (15081422)
 3779363.0 |      0.97944 (15061824)      1.01333 (15062604)      1.04347
(12090901)      1.08036 (12090901)      1.10682 (15011017)
 3779313.0 |      0.97967 (15061824)      1.00360 (15061824)      1.03356
(15062604)      1.06047 (12090901)      1.09471 (12090901)
```



```
                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
```

, C3037092 , C3037093 , C3037094 ,
C3037095 , C3037096 , C3037097 , C3037098 , C3037099
, C3037100 , C3037101 , C3037102 ,
C3037103 , C3037104 , C3037105 , C3037106 , C3037107
, C3037108 , C3037109 , C3037110 ,
C3037111 , C3037112 , C3037113 , C3037114 , C3037115
, C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART12 ; NETWORK TYPE:
GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 468960.70	469010.70	469060.70
3779663.0	1.96612 (15062206)	2.92556 (11061907)	5.63162 (13041307)
3779613.0	1.62348 (15062206)	2.12615 (15062206)	3.25012 (11061907)
3779563.0	1.41553 (15012702)	1.65680 (15062206)	2.29324 (11061907)
3779513.0	1.31324 (12081505)	1.40823 (15012702)	1.73917 (11061907)
3779463.0	1.23271 (12081505)	1.29613 (12081505)	1.34475 (15012702)
3779413.0	1.19172 (15081422)	1.22153 (12081505)	1.25555 (12081505)
3779363.0	1.14536 (15081422)	1.18822 (15081422)	1.20001 (12081505)
3779313.0	1.11536 (15011017)	1.14746 (15081422)	1.18089 (15081422)

*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): C3037090 , C3037091
, C3037092 , C3037093 , C3037094 ,
C3037095 , C3037096 , C3037097 , C3037098 , C3037099

```
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART13  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471075.86               471125.86               471175.86
       471225.86               471275.86
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777911.5 |      1.91383 (13092321)      1.89042 (13092321)      1.85714
(13082423)      1.84000 (15081522)      1.83802 (15081522)
 3777861.5 |      1.98494 (16072824)      1.96155 (13092321)      1.92869
(13082423)      1.89822 (16070903)      1.89451 (15081522)
 3777811.5 |      2.07835 (16072824)      2.03469 (13092321)      2.00290
(13092321)      1.96445 (13082423)      1.95296 (15081522)
 3777761.5 |      2.17053 (16072824)      2.12462 (16072824)      2.08157
(13092321)      2.04032 (13082423)      2.00339 (15081522)
 3777711.5 |      2.26602 (15083102)      2.21008 (16072824)      2.14689
(13092321)      2.10922 (13092321)      2.06425 (13082423)
 3777661.5 |      2.41597 (16102718)      2.30855 (15083102)      2.24171
(16072824)      2.18392 (13092321)      2.13942 (13082423)
 3777611.5 |      2.57303 (15082522)      2.44962 (16102718)      2.34061
(16072824)      2.26521 (16072824)      2.21564 (13092321)
 3777561.5 |      2.75654 (15082522)      2.59456 (16102718)      2.46128
(16102718)      2.37378 (16072824)      2.29003 (13092321)
 3777511.5 |      2.92730 (15082701)      2.76410 (15082522)      2.59030
(16102718)      2.45225 (16102718)      2.37347 (16072824)
 3777461.5 |      3.18147 (16082302)      2.93966 (15082701)      2.76823
(15082522)      2.59851 (16102718)      2.45016 (15083102)
 3777411.5 |      3.66270 (16072803)      3.20024 (16082302)      2.94028
(15082701)      2.74423 (15082522)      2.56059 (16102718)
 3777361.5 |      4.44726 (15081422)      3.64087 (16102921)      3.13516
(16082302)      3.06900 (15082701)      2.76795 (15082522)
```

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

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART13  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471325.86              471375.86              471425.86
       471475.86              471525.86
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777911.5 |      1.82439 (13090305)      1.81522 (15063020)      1.80449
(15063020)      1.80782 (13090422)      1.78611 (13090422)
 3777861.5 |      1.87555 (13090305)      1.85269 (15063020)      1.85624
(15063020)      1.84786 (13090422)      1.84575 (13090422)
 3777811.5 |      1.93626 (15081522)      1.90911 (13090305)      1.90082
(15063020)      1.88978 (13090422)      1.89858 (13090422)
 3777761.5 |      1.99857 (15081522)      1.96594 (13090305)      1.94923
(15063020)      1.93467 (15063020)      1.94658 (13090422)
 3777711.5 |      2.05376 (15081522)      2.02222 (15081522)      2.00070
(15063020)      1.99166 (15063020)      1.99263 (13090422)
 3777661.5 |      2.10651 (15081522)      2.08611 (15081522)      2.05103
(13090305)      2.04644 (15063020)      2.03956 (13090422)
 3777611.5 |      2.16219 (13082423)      2.14527 (15081522)      2.10607
(13090305)      2.09333 (15063020)      2.07969 (13090422)
 3777561.5 |      2.23844 (13092321)      2.18995 (15081522)      2.16568
(15081522)      2.12872 (15063020)      2.12797 (15063020)
 3777511.5 |      2.30488 (13092321)      2.21867 (13082423)      2.22054
(15081522)      2.20474 (13090305)      2.19175 (15063020)
 3777461.5 |      2.37498 (16072824)      2.27967 (13092321)      2.23862
(15081522)      2.27802 (15081522)      2.24024 (15063020)
 3777411.5 |      2.43089 (13082623)      2.32238 (16072824)      2.24480
(13092321)      2.26168 (15081522)      2.25953 (13090305)
 3777361.5 |      2.51090 (16102718)      2.39127 (15101121)      2.26350
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(13092321)      2.23792 (12091206)      2.28688 (15090919)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        08:39:22

                                   PAGE 127
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART14  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       472114.69              472164.69              472214.69
       472264.69              472314.69
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777124.5 |      2.15308 (12071204)      1.80621 (12081123)      1.69218
(11070701)      1.56352 (15042722)      1.47182 (12080824)
 3777074.5 |      2.17995 (12071204)      1.86499 (11070701)      1.72068
(11070701)      1.58393 (13081902)      1.48988 (11090520)
 3777024.5 |      2.21033 (12071204)      1.91989 (11070701)      1.75870
(11070701)      1.61544 (13081902)      1.51314 (11090520)
 3776974.5 |      2.21173 (13110820)      1.93435 (11070701)      1.78330
(15082303)      1.62679 (13081902)      1.52485 (11090520)
 3776924.5 |      2.20820 (12071220)      1.90382 (11070701)      1.78189
(11070701)      1.64493 (13081902)      1.54556 (11090520)
 3776874.5 |      2.15965 (12071220)      1.61123 (12081123)      1.56460
(11070701)      1.47739 (15042722)      1.44514 (11090520)
 3776824.5 |      1.99487 (12071220)      1.62538 (12081123)      1.54641
(12081123)      1.45591 (16092019)      1.41109 (12080824)
 3776774.5 |      1.92102 (12091321)      1.66842 (15090821)      1.55596
(11070701)      1.48153 (15042722)      1.42616 (11090520)
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 3776724.5 |      2.01673 (12091321)      1.74380 (12081123)      1.57840
(12081123)      1.47452 (16092019)      1.45519 (11090520)
 3776674.5 |      2.11528 (12091321)      1.80819 (12081123)      1.59713
(12081123)      1.46620 (16092019)      1.39610 (12080824)
 3776624.5 |      2.23796 (12091321)      1.83765 (12081123)      1.64890
(12081123)      1.50492 (16092019)      1.42231 (12080824)
 3776574.5 |      2.26364 (12091321)      1.88840 (12081123)      1.68588
(12081123)      1.52838 (16092019)      1.42830 (11090520)
 3776524.5 |      2.37676 (12091321)      1.95733 (12081123)      1.69896
(12081123)      1.53433 (16092019)      1.40806 (11090520)
 3776474.5 |      2.57229 (12091321)      2.06781 (12081123)      1.76740
(12081524)      1.54728 (16092019)      1.39444 (12080824)
 3776424.5 |      2.70927 (12091321)      2.34360 (12081123)      1.83030
(12081524)      1.56081 (16092019)      1.40243 (15082606)
```



```
                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
               C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
               C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
               C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART14  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       472364.69              472414.69              472464.69
       472514.69              472564.69
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3777124.5 |      1.39189 (11090520)      1.31691 (12081622)      1.25198
(12081702)      1.17443 (16072323)      1.12635 (13090423)
 3777074.5 |      1.40167 (11090520)      1.31884 (12081702)      1.25267
```

```
(12081702)      1.18107 (16072323)      1.12816 (13090423)
 3777024.5 |      1.41658 (11090520)      1.32495 (12081702)      1.24818
(12081702)      1.17424 (16072323)      1.12337 (13090423)
 3776974.5 |      1.42817 (11090520)      1.32280 (11082620)      1.23285
(13072602)      1.14699 (12091320)      1.08480 (12091320)
 3776924.5 |      1.43636 (11090520)      1.33357 (11082620)      1.23426
(13072602)      1.12184 (12091320)      1.07282 (12091320)
 3776874.5 |      1.37151 (11090520)      1.29951 (12081702)      1.20548
(13072602)      1.13103 (12091320)      1.08143 (13090423)
 3776824.5 |      1.35795 (11090520)      1.29326 (12081702)      1.20006
(12081702)      1.11824 (12091320)      1.06689 (12091320)
 3776774.5 |      1.36848 (11090520)      1.28660 (12081702)      1.20595
(13072602)      1.13137 (12091320)      1.06565 (12091320)
 3776724.5 |      1.38517 (11090520)      1.28985 (16091720)      1.20526
(13072602)      1.14667 (12091320)      1.07178 (12091320)
 3776674.5 |      1.30978 (11090520)      1.23878 (12081702)      1.15302
(13072602)      1.14548 (12091320)      1.06928 (16110719)
 3776624.5 |      1.31854 (11090520)      1.23860 (12081702)      1.15547
(13072602)      1.12132 (12091320)      1.05232 (13090423)
 3776574.5 |      1.32078 (11090520)      1.23311 (12081702)      1.15033
(12092120)      1.12973 (12091320)      1.05851 (13100620)
 3776524.5 |      1.29622 (11090520)      1.20237 (12081702)      1.11107
(12092120)      1.05600 (12091320)      0.99739 (16110719)
 3776474.5 |      1.27724 (12081702)      1.18502 (12081702)      1.08325
(12092120)      1.03588 (12091320)      0.96981 (16110719)
 3776424.5 |      1.27446 (12081702)      1.17612 (12081702)      1.06559
(12091320)      1.01775 (13090423)      0.95707 (12092721)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        08:39:22

                                   PAGE 129
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART15  ;  NETWORK TYPE:
GRIDCART ***
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                                        ** CONC OF CO       IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       472138.17               472188.17               472238.17
       472288.17               472338.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3775714.7 |      2.82649 (13061906)      2.17922 (12080824)      1.71821
(12081702)      1.43954 (12081702)      1.22534 (13090423)
 3775664.7 |      2.83559 (12081123)      2.60370 (11090520)      1.74902
(12081702)      1.42032 (12081702)      1.20466 (13090423)
 3775614.7 |      2.77035 (16092019)      2.38992 (11090520)      1.66091
(12081702)      1.39569 (13090423)      1.18647 (13090423)
 3775564.7 |      2.58643 (13071606)      1.97712 (12080824)      1.56723
(13071606)      1.35353 (13090423)      1.14856 (13090423)
 3775514.7 |      2.53322 (13071606)      1.92545 (13071606)      1.55484
(13071606)      1.30395 (13071606)      1.12074 (13071606)
 3775464.7 |      2.52195 (13071606)      1.91617 (13071606)      1.54786
(13071606)      1.29842 (13071606)      1.11604 (13071606)
 3775414.7 |      2.53772 (13071606)      1.91718 (13071606)      1.54512
(13071606)      1.29422 (13071606)      1.11154 (13071606)
 3775364.7 |      2.56245 (13071606)      1.92424 (13071606)      1.54496
(13071606)      1.29109 (13071606)      1.10735 (13071606)
 3775314.7 |      2.59817 (13071606)      1.93496 (13071606)      1.54576
(13071606)      1.28781 (13071606)      1.10258 (13071606)
 3775264.7 |      2.65890 (13071606)      1.94676 (13071606)      1.54515
(13071606)      1.28337 (13071606)      1.09694 (13071606)
 3775214.7 |      2.69324 (13071606)      1.95065 (13071606)      1.54117
(13071606)      1.27679 (13071606)      1.08965 (13071606)
 3775164.7 |      2.66739 (13071606)      1.93812 (13071606)      1.53065
(13071606)      1.26731 (13071606)      1.08042 (13071606)
 3775114.7 |      2.61647 (13071606)      1.91454 (13071606)      1.51537
(13071606)      1.25512 (13071606)      1.06945 (13071606)
 3775064.7 |      2.57075 (13071606)      1.89021 (13071606)      1.49749
(13071606)      1.24029 (13071606)      1.05664 (13071606)
 3775014.7 |      2.53962 (13071606)      1.86739 (13071606)      1.47899
(13071606)      1.22460 (13071606)      1.04445 (13112508)
 3774964.7 |      2.49836 (13071606)      1.84046 (13071606)      1.45905
(13071606)      1.20718 (13071606)      1.03785 (13112508)
 3774914.7 |      2.46243 (13071606)      1.81704 (13071606)      1.43813
(13071606)      1.18768 (13071606)      1.02922 (13112508)
 3774864.7 |      2.47993 (12061206)      1.79166 (13071606)      1.41445
(13071606)      1.16581 (13071606)      1.01625 (16110804)
 3774814.7 |      2.54638 (12061206)      1.76239 (13071606)      1.38675
(13071606)      1.14147 (12100124)      1.00482 (16110804)
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 3774764.7 |      2.36363 (13071606)      1.72563 (13071606)      1.35389
(13071606)      1.12996 (12100124)      0.99465 (16110804)
 3774714.7 |      2.30193 (13071606)      1.67751 (13071606)      1.31289
(13071606)      1.11610 (12100124)      0.98283 (12100124)
 3774664.7 |      2.34746 (12061206)      1.61926 (13071606)      1.27058
(12100124)      1.09945 (12100124)      0.97040 (12100124)
 3774614.7 |      2.26681 (12061206)      1.54145 (13071606)      1.24959
(12100124)      1.08180 (12100124)      0.95545 (12100124)
 3774564.7 |      1.99892 (13071606)      1.47440 (12100124)      1.22855
(12100124)      1.06463 (12100124)      0.94152 (12100124)
 3774514.7 |      1.95317 (13041207)      1.44815 (12100124)      1.20593
(12100124)      1.04554 (12100124)      0.92525 (12100124)
 3774464.7 |      1.94927 (13062206)      1.40529 (12100124)      1.18009
(12100124)      1.02656 (12100124)      0.90962 (12100124)
 3774414.7 |      1.80645 (13041207)      1.34512 (12100124)      1.14656
(12100124)      1.00376 (12100124)      0.89366 (12100124)
 3774364.7 |      1.76830 (13041207)      1.29190 (12100124)      1.11022
(12100124)      0.98001 (12100124)      0.87759 (12100124)
 3774314.7 |      1.69623 (13041207)      1.23259 (12092403)      1.07320
(12100124)      0.95439 (12100124)      0.85858 (12100124)
 3774264.7 |      1.48926 (13041207)      1.19017 (13041207)      1.02657
(12100124)      0.92770 (12100124)      0.84113 (12100124)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 130
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART16  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
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```
  (METERS) |       472255.22               472305.22               472355.22
       472405.22               472455.22
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3776236.9 |      1.66068 (12080824)      1.46087 (15082606)      1.29562
(12081702)      1.16403 (12081702)      1.07290 (12091320)
 3776186.9 |      1.67537 (12080824)      1.48206 (15082606)      1.29701
(12081702)      1.17619 (12092120)      1.06462 (12091320)
 3776136.9 |      1.67820 (12080824)      1.49038 (12081622)      1.28822
(12081702)      1.15854 (13090423)      1.04972 (12091320)
 3776086.9 |      1.68991 (12080824)      1.47761 (12081702)      1.27984
(12081702)      1.14969 (12091320)      1.02631 (12091320)
 3776036.9 |      1.69182 (12080824)      1.46268 (12081702)      1.27031
(12081702)      1.11920 (13090423)      0.99913 (12091320)
 3775986.9 |      1.69238 (15082606)      1.47073 (12081702)      1.27389
(12081702)      1.11858 (12091320)      0.95429 (13090423)
 3775936.9 |      1.71603 (15082606)      1.45749 (12081702)      1.26455
(13090423)      1.10917 (12091320)      0.93909 (11120208)
 3775886.9 |      1.69399 (12081622)      1.44804 (12081702)      1.23710
(13090423)      1.06256 (13090423)      0.93586 (11120208)
```



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

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

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

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471773.42               471823.42               471873.42
```

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       471923.42               471973.42
 - - -
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```
 3775002.4 |      1.02493 (16121108)      1.23500 (16121108)      1.54768
(16121108)      2.07929 (16121108)      3.25255 (16121108)
 3774952.4 |      1.02219 (16121108)      1.23760 (16121108)      1.56514
(16121108)      2.13219 (16121108)      3.39970 (16121108)
 3774902.4 |      1.01754 (16121108)      1.24121 (16121108)      1.58804
(16121108)      2.21396 (16121108)      3.81221 (16121108)
 3774852.4 |      1.01030 (16121108)      1.24151 (16121108)      1.60587
(16121108)      2.27701 (16121108)      4.07829 (16121108)
 3774802.4 |      0.99782 (16121108)      1.23413 (16121108)      1.61459
(16121108)      2.32467 (16121108)      3.99615 (16121108)
 3774752.4 |      0.97757 (16121108)      1.21516 (16121108)      1.60606
(16121108)      2.39240 (16121108)      5.12948 (16121108)
 3774702.4 |      0.94858 (16121108)      1.18044 (16121108)      1.55988
(16121108)      2.30643 (16121108)      4.61136 (16121108)
 3774652.4 |      0.93179 (12121108)      1.13299 (12121108)      1.48459
(16121108)      2.12181 (16121108)      3.54611 (16121108)
 3774602.4 |      0.92235 (12121108)      1.12097 (12121108)      1.42575
(12121108)      2.01299 (16121108)      3.38961 (16121108)
 3774552.4 |      0.90515 (12121108)      1.09144 (12121108)      1.36768
(12121108)      1.96428 (16121108)      3.94030 (16121108)
 3774502.4 |      0.87932 (12121108)      1.04895 (12121108)      1.30714
(11112924)      1.80401 (16121108)      3.95195 (16121108)
 3774452.4 |      0.84985 (12121108)      1.00541 (12121108)      1.25096
(11112924)      1.70026 (11112924)      2.72445 (16012724)
 3774402.4 |      0.81837 (12121108)      0.96254 (11112924)      1.18683
(11112924)      1.54458 (11112924)      2.12065 (11112924)
 3774352.4 |      0.78358 (12121108)      0.91962 (11112924)      1.10680
(11112924)      1.35374 (11112924)      1.60662 (11112924)
 3774302.4 |      0.75257 (11112924)      0.86887 (11112924)      1.00980
(11112924)      1.15344 (11112924)      1.21954 (11112924)
 3774252.4 |      0.71899 (11112924)      0.81118 (11112924)      0.91186
(11112924)      0.98742 (11112924)      0.98227 (13121608)
 3774202.4 |      0.68028 (11112924)      0.75113 (11112924)      0.81813
(11112924)      0.84758 (11112924)      0.82401 (13121608)
 3774152.4 |      0.64094 (11112924)      0.69079 (11112924)      0.72564
(11112924)      0.73352 (13121608)      0.70572 (12011408)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 132
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
```

```
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

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

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

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       472023.42
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776102.4 |      7.22871 (16121108)
 3776052.4 |      7.55390 (16121108)
 3776002.4 |      7.36362 (16121108)
 3775952.4 |      6.59413 (16121108)
 3775902.4 |      6.53337 (16121108)
 3775852.4 |      6.49624 (16121108)
 3775802.4 |      6.41093 (16121108)
 3775752.4 |      6.33814 (16121108)
 3775702.4 |      6.32531 (16121108)
 3775652.4 |      6.79620 (16121108)
 3775602.4 |      6.07726 (16121108)
 3775552.4 |      7.31631 (16121108)
 3775502.4 |      7.34433 (16121108)
 3775452.4 |      7.30557 (16121108)
 3775402.4 |      7.03666 (16121108)
 3775352.4 |      7.42617 (16121108)
 3775302.4 |      7.39095 (16121108)
 3775252.4 |      9.33529 (16121108)
 3775202.4 |      7.29613 (16121108)
 3775152.4 |      7.84637 (16121108)
 3775102.4 |      8.65839 (16121108)
 3775052.4 |      9.43871 (16121108)
 3775002.4 |      8.04906 (16121108)
 3774952.4 |      8.28962 (16121108)
 3774902.4 |      7.89066 (16121108)
 3774852.4 |      7.74356 (16121108)
 3774802.4 |      7.60641 (16121108)
 3774752.4 |      9.67027 (16121108)
 3774702.4 |      8.58496 (16121108)
 3774652.4 |      8.58869 (16121108)
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 3774602.4 |      8.29439 (16121108)
 3774552.4 |      8.13229 (16121108)
 3774502.4 |      8.60103 (16121108)
 3774452.4 |      5.36444 (16121108)
 3774402.4 |      2.90847 (16012724)
 3774352.4 |      1.63377 (12011408)
 3774302.4 |      1.19322 (12011408)
 3774252.4 |      0.95626 (12011408)
 3774202.4 |      0.80485 (12011408)
 3774152.4 |      0.69855 (12011408)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 133
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART2   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471764.54              471814.54              471864.54
       471914.54              471964.54
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3776302.8 |      1.34307m(12121224)      1.49088 (16122308)
1.79109m(11072608)      2.29773m(11072608)      3.36112 (16121108)
 3776252.8 |      1.31602m(12121224)      1.43325 (16122308)
1.71495m(11072608)      2.18679m(11072608)      3.11844 (16121108)
 3776202.8 |      1.25829m(12121224)      1.40285m(12121224)
1.66908m(11072608)      2.14121m(11072608)      3.06316 (16121108)
 3776152.8 |      1.23224m(12121224)      1.38269m(12121224)
```

1.64009m(11072608)   2.12220m(11072608)   3.13497 (16121108)
 3776102.8 | 1.22524m(12121224)   1.37875m(12121224)
1.61816m(11072608)   2.11210m(11072608)   3.18897 (16121108)

*** THE   1ST HIGHEST 8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S):   C3037090   , C3037091
 , C3037092   , C3037093   , C3037094   ,
C3037095   , C3037096   , C3037097   , C3037098   , C3037099
 , C3037100   , C3037101   , C3037102   ,
C3037103   , C3037104   , C3037105   , C3037106   , C3037107
 , C3037108   , C3037109   , C3037110   ,
C3037111   , C3037112   , C3037113   , C3037114   , C3037115
 , C3037116   , C3037117   , . . .   ,

*** NETWORK ID: UCART2   ; NETWORK TYPE:
GRIDCART ***

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

  Y-COORD | X-COORD (METERS)
  (METERS) | 472014.54
 - - -

```
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART3   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471756.60              471806.60              471856.60
       471906.60              471956.60
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776504.7 |      1.67611 (16122308)      2.04347 (16122308)
2.67842m(11072608)      4.07410 (16121108)      7.32752 (16121108)
 3776454.7 |      1.52447 (16122308)      1.80578 (16122308)
2.25262m(11072608)      3.12547m(11072608)      6.04263 (16121108)
 3776404.7 |      1.41948 (16122308)      1.64561 (16122308)
2.00510m(11072608)      2.67804m(11072608)      4.49303 (16121108)
 3776354.7 |      1.34572m(12121224)      1.53506 (16122308)
1.84309m(11072608)      2.38489m(11072608)      3.62948 (16121108)
 3776304.7 |      1.32089m(12121224)      1.46085m(12121224)
1.73412m(11072608)      2.20201m(11072608)      3.11346 (16121108)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                   PAGE 136
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
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, C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 472006.60
- - - -

```
 3776653.9 |      1.98659 (16123108)      2.30442 (16121108)      3.03051
(16121108)      4.94355 (16121108)      7.17225 (16121108)
 3776603.9 |      1.75615 (16123108)      1.93386 (16123108)      2.33390
(16121108)      3.21225 (16121108)      5.94665 (16121108)
 3776553.9 |      1.58680 (16123108)      1.70479 (16123108)      1.95830
(16122308)      2.52562 (16122308)      3.94282 (16121108)
 3776503.9 |      1.48470 (16123108)      1.58250 (16123108)      1.72517
(16122308)      2.11147 (16122308)      2.81426m(11072608)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 138
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART4   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       471914.52
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776653.9 |      4.33366 (16121108)
 3776603.9 |      8.13875 (16121108)
 3776553.9 |      8.13074 (16121108)
 3776503.9 |      4.46376 (16121108)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3037090 , C3037091 , C3037092 , C3037093 , C3037094 ,
C3037095 , C3037096 , C3037097 , C3037098 , C3037099 , C3037100 , C3037101 , C3037102 ,
C3037103 , C3037104 , C3037105 , C3037106 , C3037107 , C3037108 , C3037109 , C3037110 ,
C3037111 , C3037112 , C3037113 , C3037114 , C3037115 , C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 471554.26	471604.26	471654.26
3776759.2	2.08694 (16123108)	2.45850 (16121108)	3.29264 (16121108)
3776709.2	1.78669 (16123108)	1.98808 (16123108)	2.33156 (16121108)
3776659.2	1.59139 (16123108)	1.73621 (16123108)	1.96047 (16123108)
3776609.2	1.44708 (16123108)	1.58273 (16123108)	1.75243 (16123108)
3776559.2	1.35795 (16123108)	1.46456 (16123108)	1.58197 (16123108)

*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3037090 , C3037091 , C3037092 , C3037093 , C3037094 ,
C3037095 , C3037096 , C3037097 , C3037098 , C3037099

, C3037100 , C3037101 , C3037102 ,
C3037103 , C3037104 , C3037105 , C3037106 , C3037107
, C3037108 , C3037109 , C3037110 ,
C3037111 , C3037112 , C3037113 , C3037114 , C3037115
, C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART6 ; NETWORK TYPE:
GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 471343.73 471393.73 471443.73
471493.73 471543.73
- - - -

```
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART7   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       471137.27              471187.27              471237.27
       471287.27              471337.27
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3777005.9 |      1.62979 (16123108)      1.80633 (16123108)      2.04255
(16123108)      2.41012 (16123108)      3.12065 (16121108)
 3776955.9 |      1.48176 (16123108)      1.61864 (16123108)      1.77705
(16123108)      1.99815 (16123108)      2.29652 (16123108)
 3776905.9 |      1.36078 (16123108)      1.46091 (16123108)      1.56421
(16123108)      1.71461 (16123108)      1.91273 (16123108)
 3776855.9 |      1.26018 (16123108)      1.33898 (16123108)      1.42209
(16123108)      1.52726 (16123108)      1.66099 (16123108)
 3776805.9 |      1.17456 (16123108)      1.24348 (16123108)      1.30774
(16123108)      1.39386 (16123108)      1.49350 (16123108)
 3776755.9 |      1.10473 (16123108)      1.15900 (16123108)      1.22185
(16123108)      1.29346 (16123108)      1.37260 (16123108)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 142
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,
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                                   *** NETWORK ID: UCART8   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471025.84               471075.84               471125.84
       471175.84               471225.84
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777113.8 |      1.70943 (16123108)      1.91282 (16123108)      2.18253
(16123108)      2.66353 (16123108)      3.76485 (16121108)
 3777063.8 |      1.52988 (16123108)      1.67190 (16123108)      1.85322
(16123108)      2.11784 (16123108)      2.51567 (16123108)
 3777013.8 |      1.39632 (16123108)      1.50496 (16123108)      1.63344
(16123108)      1.80442 (16123108)      2.03882 (16123108)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***       08:39:22

                                   PAGE 143
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART8   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471275.84
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
```

3777113.8 | 7.29722 (16121108)
3777063.8 | 3.38700 (16121108)
3777013.8 | 2.39202 (16123108)
*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3037090 , C3037091 , C3037092 , C3037093 , C3037094 ,
C3037095 , C3037096 , C3037097 , C3037098 , C3037099 , C3037100 , C3037101 , C3037102 ,
C3037103 , C3037104 , C3037105 , C3037106 , C3037107 , C3037108 , C3037109 , C3037110 ,
C3037111 , C3037112 , C3037113 , C3037114 , C3037115 , C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART9 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 471071.36 471121.36 471171.36 471221.36
- - - -

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                                *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                  INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART10  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       470606.55               470656.55               470706.55
       470756.55               470806.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777252.6 |      1.04293 (16123108)      1.12349 (16123108)      1.21460
(16123108)      1.34516 (16123108)      1.50762 (16123108)
 3777202.6 |      0.99042 (16123108)      1.05601 (16123108)      1.13783
(16123108)      1.23434 (16123108)      1.34148 (16123108)
 3777152.6 |      0.93373 (16123108)      0.99120 (16123108)      1.06158
(16123108)      1.14093 (16123108)      1.23676 (16123108)
 3777102.6 |      0.89281 (16123108)      0.94321 (16123108)      1.00987
(16123108)      1.07929 (16123108)      1.15263 (16123108)
 3777052.6 |      0.84848 (16123108)      0.89763 (16123108)      0.95873
(16123108)      1.02061 (16123108)      1.08550 (16123108)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        08:39:22

                                   PAGE 146
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                  INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
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, C3037108 , C3037109 , C3037110 ,
C3037111 , C3037112 , C3037113 , C3037114 , C3037115
, C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 470856.55 470906.55 470956.55
471006.55 471056.55
- -
- -

3777252.6 | 1.74576 (16123108) 2.06151 (16123108) 2.59652
(16123108) 3.05523 (16123108) 4.10790 (16121108)
3777202.6 | 1.49321 (16123108) 1.65488 (16123108) 1.86762
(16123108) 2.16888 (16123108) 2.62809 (16123108)
3777152.6 | 1.35143 (16123108) 1.47168 (16123108) 1.62080
(16123108) 1.81922 (16123108) 2.08767 (16123108)
3777102.6 | 1.24453 (16123108) 1.34778 (16123108) 1.46875
(16123108) 1.59873 (16123108) 1.77952 (16123108)
3777052.6 | 1.16224 (16123108) 1.24850 (16123108) 1.34426
(16123108) 1.44498 (16123108) 1.58222 (16123108)
*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

PAGE 147
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3037090 , C3037091
, C3037092 , C3037093 , C3037094 ,
C3037095 , C3037096 , C3037097 , C3037098 , C3037099
, C3037100 , C3037101 , C3037102 ,
C3037103 , C3037104 , C3037105 , C3037106 , C3037107
, C3037108 , C3037109 , C3037110 ,
C3037111 , C3037112 , C3037113 , C3037114 , C3037115
, C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART11 ; NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       470269.99              470319.99              470369.99
       470419.99
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777554.4 |      0.76016 (16123108)      0.80314 (16123108)      0.87215
(16123108)      0.95084 (16123108)
 3777504.4 |      0.75041 (16123108)      0.79852 (16123108)      0.85492
(16123108)      0.92917 (16123108)
 3777454.4 |      0.73866 (16123108)      0.78897 (16123108)      0.83807
(16123108)      0.90249 (16123108)
 3777404.4 |      0.72653 (16123108)      0.76809 (16123108)      0.81742
(16123108)      0.87417 (16123108)
 3777354.4 |      0.70767 (16123108)      0.74995 (16123108)      0.79574
(16123108)      0.84711 (16123108)
 3777304.4 |      0.69093 (16123108)      0.73096 (16123108)      0.77399
(16123108)      0.82385 (16123108)
```



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

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART12  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       468710.70              468760.70              468810.70
```

```
      468860.70               468910.70
 - - -
```

- -

```
 3779663.0 |      1.12850 (13012224)      1.81466 (16121108)      3.84130
(16121108)
 3779613.0 |      0.90883 (13012224)      1.22268 (13012224)      1.98248
(16121108)
 3779563.0 |      0.73098 (13012224)      0.90571 (13012224)      1.17745
(13031908)
 3779513.0 |      0.58346 (13012224)      0.69237 (11112924)      0.86192
(11112924)
 3779463.0 |      0.47645 (12121108)      0.56226 (11112924)      0.63605
(11112924)
 3779413.0 |      0.40471 (15122208)      0.45310 (11112924)      0.47524
(11112924)
 3779363.0 |      0.37617 (15122208)      0.37371 (15122208)      0.38045
(12032408)
 3779313.0 |      0.36199 (15122208)      0.35563 (15122208)      0.34538
(15122208)
```



```
                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                 *** NETWORK ID: UCART13  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       471075.86              471125.86              471175.86
       471225.86              471275.86
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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 3777911.5 |      0.71457 (12120308)      0.68551 (12120308)      0.65847
(12120308)      0.64841 (16010608)      0.65368 (16010608)
 3777861.5 |      0.77230 (12120308)      0.74056 (12120308)      0.70899
(12120308)      0.68014 (16010608)      0.68377 (16010608)
 3777811.5 |      0.84580 (16102724)      0.80145 (12120308)      0.76522
(12120308)      0.72931 (12120308)      0.71660 (16010608)
 3777761.5 |      0.94406 (16102724)      0.86883 (12120308)      0.82853
(12120308)      0.78744 (12120308)      0.74849 (12120308)
 3777711.5 |      1.05059 (16102724)      0.96510 (16102724)      0.89910
(12120308)      0.85411 (12120308)      0.81036 (12120308)
 3777661.5 |      1.16774 (16102724)      1.07535 (16102724)      0.98165
(16102724)      0.92554 (12120308)      0.87721 (12120308)
 3777611.5 |      1.29752 (16102724)      1.19695 (16102724)      1.09581
(16102724)      1.00227 (12120308)      0.95155 (12120308)
 3777561.5 |      1.43859 (16102724)      1.32958 (16102724)      1.22139
(16102724)      1.11432 (16102724)      1.03048 (12120308)
 3777511.5 |      1.59801 (16102724)      1.47183 (16102724)      1.35587
(16102724)      1.24348 (16102724)      1.12848 (16102724)
 3777461.5 |      1.87103 (16123108)      1.64119 (16102724)      1.50636
(16102724)      1.38484 (16102724)      1.26380 (16102724)
 3777411.5 |      2.39082 (16123108)      1.94231 (16123108)      1.68592
(16102724)      1.53588 (16102724)      1.40401 (16102724)
 3777361.5 |      3.35759 (16121108)      2.49554 (16123108)      2.00784
(16123108)      1.77325 (16102724)      1.58126 (16102724)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 151
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART13  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471325.86              471375.86              471425.86
       471475.86              471525.86
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777911.5 |      0.66004 (16010608)      0.66134 (16010608)      0.65790
(16010608)      0.64295 (16010608)      0.62148 (16010608)
 3777861.5 |      0.68561 (16010608)      0.68549 (16010608)      0.68309
(16010608)      0.66903 (16010608)      0.65223 (16010608)
 3777811.5 |      0.71551 (16010608)      0.71286 (16010608)      0.70680
(16010608)      0.69690 (16010608)      0.68180 (16010608)
 3777761.5 |      0.74712 (16010608)      0.74188 (16010608)      0.73557
(16010608)      0.72699 (16010608)      0.71059 (16010608)
 3777711.5 |      0.77943 (16010608)      0.77053 (16010608)      0.76753
(16010608)      0.75559 (16010608)      0.73922 (16010608)
 3777661.5 |      0.82909 (12120308)      0.80391 (16010608)      0.79441
(16010608)      0.78574 (16010608)      0.77207 (16010608)
 3777611.5 |      0.89884 (12120308)      0.84774 (12120308)      0.82493
(16010608)      0.81669 (16010608)      0.80295 (16010608)
 3777561.5 |      0.97531 (12120308)      0.91898 (12120308)      0.86299
(12120308)      0.84615 (16010608)      0.83269 (16010608)
 3777511.5 |      1.05379 (12120308)      0.99106 (12120308)      0.93512
(12120308)      0.89063 (16010608)      0.87181 (16010608)
 3777461.5 |      1.14152 (16102724)      1.06568 (12120308)      1.00759
(12120308)      0.95145 (12120308)      0.91186 (16010608)
 3777411.5 |      1.27725 (16102724)      1.14722 (16102724)      1.07175
(12120308)      1.01901 (12120308)      0.95438 (12120308)
 3777361.5 |      1.41969 (16102724)      1.28637 (16102724)      1.14414
(16102724)      1.08410 (12120308)      1.02873 (12120308)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        08:39:22

                                   PAGE 152
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
               C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
               C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
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C3037111 , C3037112 , C3037113 , C3037114 , C3037115 , C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART14 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 472114.69	472164.69	472214.69	472264.69	472314.69
3777124.5	0.99896 (13120708)	0.88889 (13120708)	0.86226 (13120708)	0.81504 (13120708)	0.76356 (13120708)
3777074.5	1.03545 (13120708)	0.93524 (13120708)	0.88981 (13120708)	0.83535 (13120708)	0.78022 (13120708)
3777024.5	1.07814 (13120708)	0.97638 (13120708)	0.92331 (13120708)	0.85845 (13120708)	0.79628 (13120708)
3776974.5	1.08917 (13120708)	0.99454 (13120708)	0.94596 (13120708)	0.87363 (13120708)	0.80900 (13120708)
3776924.5	1.10258 (13120708)	1.00248 (13120708)	0.96109 (13120708)	0.89641 (13120708)	0.82890 (13120708)
3776874.5	1.10712 (13120708)	0.93353 (13120708)	0.90582 (13120708)	0.85607 (13120708)	0.81136 (13120708)
3776824.5	1.10613 (13120708)	0.97391 (13120708)	0.92569 (13120708)	0.86923 (13120708)	0.82433 (12021508)
3776774.5	1.13311 (13120708)	1.02936 (13120708)	0.96031 (13120708)	0.90003 (13120708)	0.84660 (12021508)
3776724.5	1.22624 (13120708)	1.09932 (13120708)	1.00220 (13120708)	0.92428 (13120708)	0.87274 (12021508)
3776674.5	1.32996 (13120708)	1.16920 (13120708)	1.04186 (13120708)	0.94519 (13120708)	0.87787 (12021508)
3776624.5	1.45220 (13120708)	1.22975 (13120708)	1.09884 (13120708)	0.98608 (13120708)	0.90391 (12021508)
3776574.5	1.54717 (13120708)	1.30493 (13120708)	1.15179 (13120708)	1.02246 (13120708)	0.91906 (12021508)
3776524.5	1.68266 (15122308)	1.38813 (13120708)	1.19565 (13120708)	1.05134 (13120708)	0.93156 (13120708)
3776474.5	1.86051 (15122308)	1.48585 (13120708)	1.25924 (13120708)	1.08241 (13120708)	0.94734 (13120708)
3776424.5	2.03931 (15122308)	1.64054 (13120708)	1.31894 (13120708)	1.11125 (13120708)	0.96752 (13120708)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3037090 , C3037091 , C3037092 , C3037093 , C3037094 ,
C3037095 , C3037096 , C3037097 , C3037098 , C3037099 , C3037100 , C3037101 , C3037102 ,
C3037103 , C3037104 , C3037105 , C3037106 , C3037107 , C3037108 , C3037109 , C3037110 ,
C3037111 , C3037112 , C3037113 , C3037114 , C3037115 , C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART14 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 472364.69	472414.69	472464.69	472514.69	472564.69
3777124.5	0.70165 (13120708)	0.63604 (13120708)	0.57097 (12021508)	0.57877 (12112924)	0.59074 (12112924)
3777074.5	0.71434 (13120708)	0.64557 (13120708)	0.59729 (12112924)	0.60524 (12112924)	0.60471 (12112924)
3777024.5	0.72744 (13120708)	0.65604 (13120708)	0.63247 (12112924)	0.63442 (12112924)	0.62872 (12112924)
3776974.5	0.74191 (13120708)	0.66583 (13120708)	0.61796 (12112924)	0.56817 (12112924)	0.56780 (12112924)
3776924.5	0.75334 (13120708)	0.67636 (13120708)	0.61137 (12112924)	0.54112 (12021508)	0.53912 (12112924)
3776874.5	0.74948 (12021508)	0.68363 (12021508)	0.61596 (12021508)	0.55209 (12021508)	0.51483 (11100508)
3776824.5	0.76596 (12021508)	0.70080 (12021508)	0.62798 (12021508)	0.55914 (12021508)	0.50908 (11100508)
3776774.5	0.78321 (12021508)	0.71137 (12021508)	0.63691 (12021508)	0.56547 (12021508)	0.52576 (11100508)
3776724.5	0.80072 (12021508)	0.72205 (12021508)	0.64419 (12021508)	0.57266 (12021508)	0.54225 (11100508)
3776674.5	0.80145 (12021508)	0.72431 (12021508)	0.64818 (12021508)	0.57845 (12021508)	0.54857 (11100508)

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 3776624.5 |      0.81512 (12021508)      0.73316 (12021508)      0.65391
(12021508)      0.58318 (12021508)      0.53865 (11100508)
 3776574.5 |      0.82592 (12021508)      0.73974 (12021508)      0.65775
(12021508)      0.58657 (12021508)      0.55578 (11100508)
 3776524.5 |      0.83129 (12021508)      0.74082 (12021508)      0.65794
(12021508)      0.58509 (12021508)      0.53251 (11100508)
 3776474.5 |      0.83565 (12021508)      0.74357 (12021508)      0.65913
(12021508)      0.58674 (12021508)      0.53059 (15122308)
 3776424.5 |      0.84350 (13120708)      0.74699 (12021508)      0.65966
(12021508)      0.59448 (15122308)      0.53806 (15122308)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***       08:39:22

                                  PAGE 154
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART15  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       472138.17              472188.17              472238.17
       472288.17              472338.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3775714.7 |      2.34886 (15122308)      1.77537 (15122308)      1.39768
(15122308)      1.15495 (15122308)      0.98047 (15122308)
 3775664.7 |      2.40039 (15122308)      1.86554 (13120708)      1.39651
(15122308)      1.14853 (15122308)      0.97409 (15122308)
 3775614.7 |      2.32235 (15122308)      1.78479 (15122308)      1.36886
(15122308)      1.13906 (15122308)      0.96701 (15122308)
 3775564.7 |      2.19505 (15122308)      1.67662 (15122308)      1.34023
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(15122308)      1.12511 (15122308)      0.95619 (15122308)
 3775514.7 |      2.14037 (15122308)      1.64267 (15122308)      1.31660
(15122308)      1.10710 (15122308)      0.94578 (15122308)
 3775464.7 |      2.10298 (15122308)      1.61635 (15122308)      1.29129
(15122308)      1.09060 (15122308)      0.92929 (15122308)
 3775414.7 |      2.09543 (16121108)      1.58656 (15122308)      1.28109
(15122308)      1.07510 (15122308)      0.91891 (15122308)
 3775364.7 |      2.11693 (16121108)      1.58746 (16121108)      1.27410
(16121108)      1.06482 (15122308)      0.91278 (16121108)
 3775314.7 |      2.14703 (16121108)      1.59722 (16121108)      1.27612
(16121108)      1.06283 (16121108)      0.90990 (16121108)
 3775264.7 |      2.19902 (16121108)      1.60819 (16121108)      1.27611
(16121108)      1.05977 (16121108)      0.90566 (16121108)
 3775214.7 |      2.22802 (16121108)      1.61152 (16121108)      1.27319
(16121108)      1.05472 (16121108)      0.89999 (16121108)
 3775164.7 |      2.20722 (16121108)      1.60179 (16121108)      1.26475
(16121108)      1.04691 (16121108)      0.89241 (16121108)
 3775114.7 |      2.16534 (16121108)      1.58264 (16121108)      1.25218
(16121108)      1.03685 (16121108)      0.88338 (16121108)
 3775064.7 |      2.12721 (16121108)      1.56242 (16121108)      1.23745
(16121108)      1.02468 (16121108)      0.87285 (16121108)
 3775014.7 |      2.10054 (16121108)      1.54340 (16121108)      1.22216
(16121108)      1.01172 (16121108)      0.86109 (16121108)
 3774964.7 |      2.06762 (16121108)      1.52154 (16121108)      1.20574
(16121108)      0.99735 (16121108)      0.84797 (16121108)
 3774914.7 |      2.03798 (16121108)      1.50209 (16121108)      1.18844
(16121108)      0.98129 (16121108)      0.83350 (16121108)
 3774864.7 |      2.01200 (16121108)      1.48110 (16121108)      1.16891
(16121108)      0.96326 (16121108)      0.81686 (16121108)
 3774814.7 |      1.99268 (16121108)      1.45697 (16121108)      1.14607
(16121108)      0.94217 (16121108)      0.79790 (16121108)
 3774764.7 |      1.95579 (16121108)      1.42652 (16121108)      1.11889
(16121108)      0.91787 (16121108)      0.77651 (16121108)
 3774714.7 |      1.90478 (16121108)      1.38685 (16121108)      1.08505
(16121108)      0.88885 (16121108)      0.75118 (16121108)
 3774664.7 |      1.85805 (16121108)      1.33872 (16121108)      1.04356
(16121108)      0.85402 (16121108)      0.72198 (16121108)
 3774614.7 |      1.78162 (16121108)      1.27452 (16121108)      0.99241
(16121108)      0.81286 (16121108)      0.68832 (16121108)
 3774564.7 |      1.65433 (16121108)      1.19025 (16121108)      0.93034
(16121108)      0.76525 (16121108)      0.65068 (16121108)
 3774514.7 |      1.49368 (16121108)      1.08682 (16121108)      0.85739
(16121108)      0.71118 (16121108)      0.60897 (16121108)
 3774464.7 |      1.30431 (16121108)      0.96689 (16121108)      0.77610
(11013108)      0.65395 (11013108)      0.56458 (16121108)
 3774414.7 |      1.09086 (11013108)      0.86067 (11013108)      0.71166
(11013108)      0.60816 (11013108)      0.53060 (11013108)
 3774364.7 |      0.96541 (11012724)      0.76890 (11012724)      0.64725
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(11013108) 0.56312 (11013108) 0.49729 (11013108)
3774314.7 | 0.86668 (11012724) 0.70182 (11012724) 0.59772
(12030408) 0.52572 (12030408) 0.46774 (12030408)
3774264.7 | 0.77530 (11012724) 0.64991 (11012724) 0.55668
(12030408) 0.49587 (12030408) 0.44505 (12030408)
*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

PAGE 155
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3037090 , C3037091
, C3037092 , C3037093 , C3037094 ,
C3037095 , C3037096 , C3037097 , C3037098 , C3037099
, C3037100 , C3037101 , C3037102 ,
C3037103 , C3037104 , C3037105 , C3037106 , C3037107
, C3037108 , C3037109 , C3037110 ,
C3037111 , C3037112 , C3037113 , C3037114 , C3037115
, C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART16 ; NETWORK TYPE:
GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 472255.22 472305.22 472355.22
472405.22 472455.22
- - - -

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 3775936.9 |      1.31713 (15122308)      1.10363 (15122308)      0.94748
(15122308)      0.82277 (15122308)      0.71904 (15122308)
 3775886.9 |      1.31983 (15122308)      1.10586 (15122308)      0.94507
(15122308)      0.81705 (15122308)      0.71893 (15122308)
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 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 156
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

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

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471773.42              471823.42              471873.42
       471923.42              471973.42
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776102.4 |      1.24858m(12121224)      1.40893m(12121224)
1.68780m(11072608)      2.23686m(11072608)      3.57373 (16121108)
 3776052.4 |      1.24393m(12121224)      1.38932m(12121224)
1.66285m(11072608)      2.20368m(11072608)      3.51122 (16121108)
 3776002.4 |      1.21778m(12121224)      1.37370m(12121224)
1.63178m(11072608)      2.13963m(11072608)      3.18199 (15122308)
 3775952.4 |      1.18754m(12121224)      1.34313m(12121224)
1.60147m(11072608)      2.07043m(11072608)      2.98043 (15122308)
 3775902.4 |      1.18044m(12121224)      1.33447m(12121224)
1.57721m(11072608)      2.03679m(11072608)      2.92438 (15122308)
 3775852.4 |      1.16825m(12121224)      1.32882m(12121224)
1.56055m(11072608)      2.01126m(11072608)      2.89804 (15122308)
 3775802.4 |      1.17089m(12121224)      1.32441m(12121224)      1.55850
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(16122308)      2.00477m(11072608)      2.88758 (15122308)
 3775752.4 |      1.16685m(12121224)      1.33282m(12121224)      1.56643
(16122308)      2.01203m(11072608)      2.89232 (15122308)
 3775702.4 |      1.17803m(12121224)      1.34757m(12121224)      1.58660
(16122308)      2.04293m(11072608)      2.94756 (15122308)
 3775652.4 |      1.18518m(12121224)      1.38547m(12121224)
1.70411m(12121224)      2.37542m(12121224)      3.25240m(11072608)
 3775602.4 |      1.18792m(12121224)      1.37826m(12121224)      1.66274
(16122308)      2.21699m(11072608)      3.60718 (16121108)
 3775552.4 |      1.18443m(12121224)      1.38355m(12121224)      1.69687
(16122308)      2.30243 (16121108)      3.86478 (16121108)
 3775502.4 |      1.17204m(12121224)      1.38248 (16122308)      1.73905
(16122308)      2.41055 (16121108)      4.09692 (16121108)
 3775452.4 |      1.14739 (12120308)      1.38551 (16122308)      1.76040
(16122308)      2.55118 (16121108)      5.10011 (16121108)
 3775402.4 |      1.13560 (16122308)      1.37895 (16122308)      1.75704
(16122308)      2.54199 (16121108)      5.20733 (16121108)
 3775352.4 |      1.12005 (16122308)      1.35655 (16122308)      1.71011
(16122308)      2.37709 (16121108)      3.93745 (16121108)
 3775302.4 |      1.10080 (12120308)      1.32641 (16122308)      1.65242
(16121108)      2.25600 (16121108)      3.70672 (16121108)
 3775252.4 |      1.07848 (16122308)      1.29111 (16122308)      1.60633
(16121108)      2.15776 (16121108)      3.40492 (16121108)
 3775202.4 |      1.05843 (16122308)      1.26377 (16121108)      1.57098
(16121108)      2.07938 (16121108)      3.13184 (16121108)
 3775152.4 |      1.04479 (16121108)      1.24858 (16121108)      1.54741
(16121108)      2.04377 (16121108)      3.09610 (16121108)
 3775102.4 |      1.03621 (16121108)      1.23838 (16121108)      1.53776
(16121108)      2.03987 (16121108)      3.14244 (16121108)
 3775052.4 |      1.02976 (16121108)      1.23542 (16121108)      1.53944
(16121108)      2.05136 (16121108)      3.19660 (16121108)
 3775002.4 |      1.02493 (16121108)      1.23500 (16121108)      1.54768
(16121108)      2.07929 (16121108)      3.25255 (16121108)
 3774952.4 |      1.02219 (16121108)      1.23760 (16121108)      1.56514
(16121108)      2.13219 (16121108)      3.39970 (16121108)
 3774902.4 |      1.01754 (16121108)      1.24121 (16121108)      1.58804
(16121108)      2.21396 (16121108)      3.81221 (16121108)
 3774852.4 |      1.01030 (16121108)      1.24151 (16121108)      1.60587
(16121108)      2.27701 (16121108)      4.07829 (16121108)
 3774802.4 |      0.99782 (16121108)      1.23413 (16121108)      1.61459
(16121108)      2.32467 (16121108)      3.99615 (16121108)
 3774752.4 |      0.97757 (16121108)      1.21516 (16121108)      1.60606
(16121108)      2.39240 (16121108)      5.12948 (16121108)
 3774702.4 |      0.94858 (16121108)      1.18044 (16121108)      1.55988
(16121108)      2.30643 (16121108)      4.61136 (16121108)
 3774652.4 |      0.93179 (12121108)      1.13299 (12121108)      1.48459
(16121108)      2.12181 (16121108)      3.54611 (16121108)
 3774602.4 |      0.92235 (12121108)      1.12097 (12121108)      1.42575
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(12121108)      2.01299 (16121108)      3.38961 (16121108)
 3774552.4 |      0.90515 (12121108)      1.09144 (12121108)      1.36768
(12121108)      1.96428 (16121108)      3.94030 (16121108)
 3774502.4 |      0.87932 (12121108)      1.04895 (12121108)      1.30714
(11112924)      1.80401 (16121108)      3.95195 (16121108)
 3774452.4 |      0.84985 (12121108)      1.00541 (12121108)      1.25096
(11112924)      1.70026 (11112924)      2.72445 (16012724)
 3774402.4 |      0.81837 (12121108)      0.96254 (11112924)      1.18683
(11112924)      1.54458 (11112924)      2.12065 (11112924)
 3774352.4 |      0.78358 (12121108)      0.91962 (11112924)      1.10680
(11112924)      1.35374 (11112924)      1.60662 (11112924)
 3774302.4 |      0.75257 (11112924)      0.86887 (11112924)      1.00980
(11112924)      1.15344 (11112924)      1.21954 (11112924)
 3774252.4 |      0.71899 (11112924)      0.81118 (11112924)      0.91186
(11112924)      0.98742 (11112924)      0.98227 (13121608)
 3774202.4 |      0.68028 (11112924)      0.75113 (11112924)      0.81813
(11112924)      0.84758 (11112924)      0.82401 (13121608)
 3774152.4 |      0.64094 (11112924)      0.69079 (11112924)      0.72564
(11112924)      0.73352 (13121608)      0.70572 (12011408)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***       08:39:22

                                  PAGE 157
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

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

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       472023.42
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
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 3776102.4 |      7.22871 (16121108)
 3776052.4 |      7.55390 (16121108)
 3776002.4 |      7.36362 (16121108)
 3775952.4 |      6.59413 (16121108)
 3775902.4 |      6.53337 (16121108)
 3775852.4 |      6.49624 (16121108)
 3775802.4 |      6.41093 (16121108)
 3775752.4 |      6.33814 (16121108)
 3775702.4 |      6.32531 (16121108)
 3775652.4 |      6.79620 (16121108)
 3775602.4 |      6.07726 (16121108)
 3775552.4 |      7.31631 (16121108)
 3775502.4 |      7.34433 (16121108)
 3775452.4 |      7.30557 (16121108)
 3775402.4 |      7.03666 (16121108)
 3775352.4 |      7.42617 (16121108)
 3775302.4 |      7.39095 (16121108)
 3775252.4 |      9.33529 (16121108)
 3775202.4 |      7.29613 (16121108)
 3775152.4 |      7.84637 (16121108)
 3775102.4 |      8.65839 (16121108)
 3775052.4 |      9.43871 (16121108)
 3775002.4 |      8.04906 (16121108)
 3774952.4 |      8.28962 (16121108)
 3774902.4 |      7.89066 (16121108)
 3774852.4 |      7.74356 (16121108)
 3774802.4 |      7.60641 (16121108)
 3774752.4 |      9.67027 (16121108)
 3774702.4 |      8.58496 (16121108)
 3774652.4 |      8.58869 (16121108)
 3774602.4 |      8.29439 (16121108)
 3774552.4 |      8.13229 (16121108)
 3774502.4 |      8.60103 (16121108)
 3774452.4 |      5.36444 (16121108)
 3774402.4 |      2.90847 (16012724)
 3774352.4 |      1.63377 (12011408)
 3774302.4 |      1.19322 (12011408)
 3774252.4 |      0.95626 (12011408)
 3774202.4 |      0.80485 (12011408)
 3774152.4 |      0.69855 (12011408)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        08:39:22

                                   PAGE 158
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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```
                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                 *** NETWORK ID: UCART2   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471764.54               471814.54               471864.54
       471914.54               471964.54
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3776302.8 |      1.34307m(12121224)      1.49088 (16122308)
1.79109m(11072608)      2.29773m(11072608)      3.36112 (16121108)
 3776252.8 |      1.31602m(12121224)      1.43325 (16122308)
1.71495m(11072608)      2.18679m(11072608)      3.11844 (16121108)
 3776202.8 |      1.25829m(12121224)      1.40285m(12121224)
1.66908m(11072608)      2.14121m(11072608)      3.06316 (16121108)
 3776152.8 |      1.23224m(12121224)      1.38269m(12121224)
1.64009m(11072608)      2.12220m(11072608)      3.13497 (16121108)
 3776102.8 |      1.22524m(12121224)      1.37875m(12121224)
1.61816m(11072608)      2.11210m(11072608)      3.18897 (16121108)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                 PAGE 159
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
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                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART2   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       472014.54
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776302.8 |      8.68086 (16121108)
 3776252.8 |      7.24309 (16121108)
 3776202.8 |      6.98532 (16121108)
 3776152.8 |      8.53301 (16121108)
 3776102.8 |      9.28836 (16121108)
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                            *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                               INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART3   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       471756.60               471806.60               471856.60
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      471906.60               471956.60
 - - -
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 3776304.7 |      6.83641 (16121108)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 162
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART4   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471664.52              471714.52              471764.52
       471814.52              471864.52
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776653.9 |      1.98659 (16123108)      2.30442 (16121108)      3.03051
(16121108)      4.94355 (16121108)      7.17225 (16121108)
 3776603.9 |      1.75615 (16123108)      1.93386 (16123108)      2.33390
(16121108)      3.21225 (16121108)      5.94665 (16121108)
 3776553.9 |      1.58680 (16123108)      1.70479 (16123108)      1.95830
(16122308)      2.52562 (16122308)      3.94282 (16121108)
 3776503.9 |      1.48470 (16123108)      1.58250 (16123108)      1.72517
(16122308)      2.11147 (16122308)      2.81426m(11072608)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 163
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

```
                                *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART4   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       471914.52
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776653.9 |      4.33366 (16121108)
 3776603.9 |      8.13875 (16121108)
 3776553.9 |      8.13074 (16121108)
 3776503.9 |      4.46376 (16121108)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***       08:39:22

                                  PAGE 164
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART5   ;  NETWORK TYPE:
GRIDCART ***
```

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471554.26              471604.26              471654.26
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3776759.2 |      2.08694 (16123108)      2.45850 (16121108)      3.29264
(16121108)
 3776709.2 |      1.78669 (16123108)      1.98808 (16123108)      2.33156
(16121108)
 3776659.2 |      1.59139 (16123108)      1.73621 (16123108)      1.96047
(16123108)
 3776609.2 |      1.44708 (16123108)      1.58273 (16123108)      1.75243
(16123108)
 3776559.2 |      1.35795 (16123108)      1.46456 (16123108)      1.58197
(16123108)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        08:39:22

                                   PAGE 165
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART6   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471343.73              471393.73              471443.73
       471493.73              471543.73
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
```

```
 3776922.8 |      2.06136 (16123108)      2.42977 (16123108)      3.19208
(16121108)      5.20446 (16121108)      7.14406 (16121108)
 3776872.8 |      1.75448 (16123108)      1.97737 (16123108)      2.29603
(16123108)      3.01739 (16123108)      4.52001 (16121108)
 3776822.8 |      1.55948 (16123108)      1.70471 (16123108)      1.90224
(16123108)      2.31242 (16123108)      2.84947 (16123108)
 3776772.8 |      1.41954 (16123108)      1.53074 (16123108)      1.66928
(16123108)      1.86376 (16123108)      2.17064 (16123108)
 3776722.8 |      1.31617 (16123108)      1.40736 (16123108)      1.51242
(16123108)      1.64072 (16123108)      1.82189 (16123108)
 3776672.8 |      1.24373 (16123108)      1.31023 (16123108)      1.39436
(16123108)      1.50210 (16123108)      1.60458 (16123108)
 3776622.8 |      1.16571 (16123108)      1.23069 (16123108)      1.30634
(16123108)      1.38043 (16123108)      1.45385 (16123108)
 3776572.8 |      1.10538 (16123108)      1.15901 (16123108)      1.22808
(16123108)      1.28202 (16123108)      1.35949 (16123108)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 166
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART7   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471137.27              471187.27              471237.27
       471287.27              471337.27
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
```

```
 3777005.9 |      1.62979 (16123108)      1.80633 (16123108)      2.04255
(16123108)      2.41012 (16123108)      3.12065 (16121108)
 3776955.9 |      1.48176 (16123108)      1.61864 (16123108)      1.77705
(16123108)      1.99815 (16123108)      2.29652 (16123108)
 3776905.9 |      1.36078 (16123108)      1.46091 (16123108)      1.56421
(16123108)      1.71461 (16123108)      1.91273 (16123108)
 3776855.9 |      1.26018 (16123108)      1.33898 (16123108)      1.42209
(16123108)      1.52726 (16123108)      1.66099 (16123108)
 3776805.9 |      1.17456 (16123108)      1.24348 (16123108)      1.30774
(16123108)      1.39386 (16123108)      1.49350 (16123108)
 3776755.9 |      1.10473 (16123108)      1.15900 (16123108)      1.22185
(16123108)      1.29346 (16123108)      1.37260 (16123108)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***       08:39:22

                                 PAGE 167
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                 *** NETWORK ID: UCART8   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       471025.84              471075.84              471125.84
       471175.84              471225.84
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777113.8 |      1.70943 (16123108)      1.91282 (16123108)      2.18253
(16123108)      2.66353 (16123108)      3.76485 (16121108)
 3777063.8 |      1.52988 (16123108)      1.67190 (16123108)      1.85322
(16123108)      2.11784 (16123108)      2.51567 (16123108)
 3777013.8 |      1.39632 (16123108)      1.50496 (16123108)      1.63344
```

(16123108)   1.80442 (16123108)   2.03882 (16123108)
↑ *** AERMOD - VERSION 19191 ***   *** Construction CO
***   06/23/20
*** AERMET - VERSION 16216 ***   ***
***   08:39:22

PAGE 168
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE   1ST HIGHEST 8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   C3037090   , C3037091
, C3037092   , C3037093   , C3037094   ,
C3037095   , C3037096   , C3037097   , C3037098   , C3037099
, C3037100   , C3037101   , C3037102   ,
C3037103   , C3037104   , C3037105   , C3037106   , C3037107
, C3037108   , C3037109   , C3037110   ,
C3037111   , C3037112   , C3037113   , C3037114   , C3037115
, C3037116   , C3037117   , . . .   ,

*** NETWORK ID: UCART8   ; NETWORK TYPE:
GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 471275.84
- -
- -

3777113.8 | 7.29722 (16121108)
3777063.8 | 3.38700 (16121108)
3777013.8 | 2.39202 (16123108)
↑ *** AERMOD - VERSION 19191 ***   *** Construction CO
***   06/23/20
*** AERMET - VERSION 16216 ***   ***
***   08:39:22

PAGE 169
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE   1ST HIGHEST 8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   C3037090   , C3037091
, C3037092   , C3037093   , C3037094   ,
C3037095   , C3037096   , C3037097   , C3037098   , C3037099
, C3037100   , C3037101   , C3037102   ,

```
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART9   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471071.36              471121.36              471171.36
       471221.36
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3777220.7 |      3.26820 (16121108)      5.38314 (16121108)      7.25863
(16121108)      4.85209 (16121108)
 3777170.7 |      2.36286 (16123108)      2.96610 (16121108)      4.48150
(16121108)      6.74694 (16121108)
 3777120.7 |      1.93595 (16123108)      2.21650 (16123108)      2.71557
(16123108)      3.90949 (16121108)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***       08:39:22

                                   PAGE 170
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART10  ;  NETWORK TYPE:
GRIDCART ***

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

```
  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       470606.55               470656.55               470706.55
       470756.55               470806.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3777252.6 |      1.04293 (16123108)      1.12349 (16123108)      1.21460
(16123108)      1.34516 (16123108)      1.50762 (16123108)
 3777202.6 |      0.99042 (16123108)      1.05601 (16123108)      1.13783
(16123108)      1.23434 (16123108)      1.34148 (16123108)
 3777152.6 |      0.93373 (16123108)      0.99120 (16123108)      1.06158
(16123108)      1.14093 (16123108)      1.23676 (16123108)
 3777102.6 |      0.89281 (16123108)      0.94321 (16123108)      1.00987
(16123108)      1.07929 (16123108)      1.15263 (16123108)
 3777052.6 |      0.84848 (16123108)      0.89763 (16123108)      0.95873
(16123108)      1.02061 (16123108)      1.08550 (16123108)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***       08:39:22

                                 PAGE 171
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                               INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                 *** NETWORK ID: UCART10  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       470856.55               470906.55               470956.55
       471006.55               471056.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3777252.6 |      1.74576 (16123108)      2.06151 (16123108)      2.59652
```

```
(16123108)      3.05523 (16123108)      4.10790 (16121108)
 3777202.6 |      1.49321 (16123108)      1.65488 (16123108)      1.86762
(16123108)      2.16888 (16123108)      2.62809 (16123108)
 3777152.6 |      1.35143 (16123108)      1.47168 (16123108)      1.62080
(16123108)      1.81922 (16123108)      2.08767 (16123108)
 3777102.6 |      1.24453 (16123108)      1.34778 (16123108)      1.46875
(16123108)      1.59873 (16123108)      1.77952 (16123108)
 3777052.6 |      1.16224 (16123108)      1.24850 (16123108)      1.34426
(16123108)      1.44498 (16123108)      1.58222 (16123108)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 172
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART11  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       470269.99               470319.99               470369.99
       470419.99
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3777554.4 |      0.76016 (16123108)      0.80314 (16123108)      0.87215
(16123108)      0.95084 (16123108)
 3777504.4 |      0.75041 (16123108)      0.79852 (16123108)      0.85492
(16123108)      0.92917 (16123108)
 3777454.4 |      0.73866 (16123108)      0.78897 (16123108)      0.83807
(16123108)      0.90249 (16123108)
 3777404.4 |      0.72653 (16123108)      0.76809 (16123108)      0.81742
(16123108)      0.87417 (16123108)
```

```
 3777354.4 |      0.70767 (16123108)      0.74995 (16123108)      0.79574
(16123108)      0.84711 (16123108)
 3777304.4 |      0.69093 (16123108)      0.73096 (16123108)      0.77399
(16123108)      0.82385 (16123108)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                   PAGE 173
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART12  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       468710.70              468760.70              468810.70
       468860.70              468910.70
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3779663.0 |      0.34802 (15122208)      0.38809 (15122208)      0.46990
(13012224)      0.60642 (13012224)      0.81050 (13012224)
 3779613.0 |      0.35816 (15122208)      0.39045 (15122208)      0.44668
(13012224)      0.55599 (13012224)      0.70344 (13012224)
 3779563.0 |      0.36314 (15122208)      0.38720 (15122208)      0.42229
(15122208)      0.49385 (13012224)      0.59821 (13012224)
 3779513.0 |      0.36435 (15122208)      0.38130 (15122208)      0.40408
(15122208)      0.43561 (15122208)      0.50196 (13012224)
 3779463.0 |      0.36311 (15122208)      0.37466 (15122208)      0.38850
(15122208)      0.40626 (15122208)      0.42864 (15122208)
 3779413.0 |      0.36003 (15122208)      0.36845 (15122208)      0.37672
(15122208)      0.38552 (15122208)      0.39533 (15122208)
 3779363.0 |      0.35515 (15122208)      0.36251 (15122208)      0.36824
```

(15122208) 0.37231 (15122208) 0.37532 (15122208)
3779313.0 | 0.34860 (15122208) 0.35653 (15122208) 0.36192
(15122208) 0.36452 (15122208) 0.36473 (15122208)
*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): C3037090 , C3037091
, C3037092 , C3037093 , C3037094 ,
C3037095 , C3037096 , C3037097 , C3037098 , C3037099
, C3037100 , C3037101 , C3037102 ,
C3037103 , C3037104 , C3037105 , C3037106 , C3037107
, C3037108 , C3037109 , C3037110 ,
C3037111 , C3037112 , C3037113 , C3037114 , C3037115
, C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART12 ; NETWORK TYPE:
GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 468960.70 469010.70 469060.70
- - - -

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): C3037090 , C3037091 , C3037092 , C3037093 , C3037094 ,
C3037095 , C3037096 , C3037097 , C3037098 , C3037099 , C3037100 , C3037101 , C3037102 ,
C3037103 , C3037104 , C3037105 , C3037106 , C3037107 , C3037108 , C3037109 , C3037110 ,
C3037111 , C3037112 , C3037113 , C3037114 , C3037115 , C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART13 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 471075.86	471125.86	471175.86	471225.86	471275.86
3777911.5	0.71457 (12120308)	0.68551 (12120308)	0.65847 (12120308)	0.64841 (16010608)	0.65368 (16010608)
3777861.5	0.77230 (12120308)	0.74056 (12120308)	0.70899 (12120308)	0.68014 (16010608)	0.68377 (16010608)
3777811.5	0.84580 (16102724)	0.80145 (12120308)	0.76522 (12120308)	0.72931 (12120308)	0.71660 (16010608)
3777761.5	0.94406 (16102724)	0.86883 (12120308)	0.82853 (12120308)	0.78744 (12120308)	0.74849 (12120308)
3777711.5	1.05059 (16102724)	0.96510 (16102724)	0.89910 (12120308)	0.85411 (12120308)	0.81036 (12120308)
3777661.5	1.16774 (16102724)	1.07535 (16102724)	0.98165 (16102724)	0.92554 (12120308)	0.87721 (12120308)
3777611.5	1.29752 (16102724)	1.19695 (16102724)	1.09581 (16102724)	1.00227 (12120308)	0.95155 (12120308)
3777561.5	1.43859 (16102724)	1.32958 (16102724)	1.22139 (16102724)	1.11432 (16102724)	1.03048 (12120308)

```
 3777511.5 |      1.59801 (16102724)      1.47183 (16102724)      1.35587
(16102724)      1.24348 (16102724)      1.12848 (16102724)
 3777461.5 |      1.87103 (16123108)      1.64119 (16102724)      1.50636
(16102724)      1.38484 (16102724)      1.26380 (16102724)
 3777411.5 |      2.39082 (16123108)      1.94231 (16123108)      1.68592
(16102724)      1.53588 (16102724)      1.40401 (16102724)
 3777361.5 |      3.35759 (16121108)      2.49554 (16123108)      2.00784
(16123108)      1.77325 (16102724)      1.58126 (16102724)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***       08:39:22

                                 PAGE 176
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                 *** NETWORK ID: UCART13  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       471325.86              471375.86              471425.86
       471475.86              471525.86
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777911.5 |      0.66004 (16010608)      0.66134 (16010608)      0.65790
(16010608)      0.64295 (16010608)      0.62148 (16010608)
 3777861.5 |      0.68561 (16010608)      0.68549 (16010608)      0.68309
(16010608)      0.66903 (16010608)      0.65223 (16010608)
 3777811.5 |      0.71551 (16010608)      0.71286 (16010608)      0.70680
(16010608)      0.69690 (16010608)      0.68180 (16010608)
 3777761.5 |      0.74712 (16010608)      0.74188 (16010608)      0.73557
(16010608)      0.72699 (16010608)      0.71059 (16010608)
 3777711.5 |      0.77943 (16010608)      0.77053 (16010608)      0.76753
```

```
(16010608)      0.75559 (16010608)      0.73922 (16010608)
 3777661.5 |      0.82909 (12120308)      0.80391 (16010608)      0.79441
(16010608)      0.78574 (16010608)      0.77207 (16010608)
 3777611.5 |      0.89884 (12120308)      0.84774 (12120308)      0.82493
(16010608)      0.81669 (16010608)      0.80295 (16010608)
 3777561.5 |      0.97531 (12120308)      0.91898 (12120308)      0.86299
(12120308)      0.84615 (16010608)      0.83269 (16010608)
 3777511.5 |      1.05379 (12120308)      0.99106 (12120308)      0.93512
(12120308)      0.89063 (16010608)      0.87181 (16010608)
 3777461.5 |      1.14152 (16102724)      1.06568 (12120308)      1.00759
(12120308)      0.95145 (12120308)      0.91186 (16010608)
 3777411.5 |      1.27725 (16102724)      1.14722 (16102724)      1.07175
(12120308)      1.01901 (12120308)      0.95438 (12120308)
 3777361.5 |      1.41969 (16102724)      1.28637 (16102724)      1.14414
(16102724)      1.08410 (12120308)      1.02873 (12120308)
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```
                                *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART14  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       472114.69              472164.69              472214.69
       472264.69              472314.69
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777124.5 |      0.99896 (13120708)      0.88889 (13120708)      0.86226
(13120708)      0.81504 (13120708)      0.76356 (13120708)
```

```
 3777074.5 |      1.03545 (13120708)      0.93524 (13120708)      0.88981
(13120708)      0.83535 (13120708)      0.78022 (13120708)
 3777024.5 |      1.07814 (13120708)      0.97638 (13120708)      0.92331
(13120708)      0.85845 (13120708)      0.79628 (13120708)
 3776974.5 |      1.08917 (13120708)      0.99454 (13120708)      0.94596
(13120708)      0.87363 (13120708)      0.80900 (13120708)
 3776924.5 |      1.10258 (13120708)      1.00248 (13120708)      0.96109
(13120708)      0.89641 (13120708)      0.82890 (13120708)
 3776874.5 |      1.10712 (13120708)      0.93353 (13120708)      0.90582
(13120708)      0.85607 (13120708)      0.81136 (13120708)
 3776824.5 |      1.10613 (13120708)      0.97391 (13120708)      0.92569
(13120708)      0.86923 (13120708)      0.82433 (12021508)
 3776774.5 |      1.13311 (13120708)      1.02936 (13120708)      0.96031
(13120708)      0.90003 (13120708)      0.84660 (12021508)
 3776724.5 |      1.22624 (13120708)      1.09932 (13120708)      1.00220
(13120708)      0.92428 (13120708)      0.87274 (12021508)
 3776674.5 |      1.32996 (13120708)      1.16920 (13120708)      1.04186
(13120708)      0.94519 (13120708)      0.87787 (12021508)
 3776624.5 |      1.45220 (13120708)      1.22975 (13120708)      1.09884
(13120708)      0.98608 (13120708)      0.90391 (12021508)
 3776574.5 |      1.54717 (13120708)      1.30493 (13120708)      1.15179
(13120708)      1.02246 (13120708)      0.91906 (12021508)
 3776524.5 |      1.68266 (15122308)      1.38813 (13120708)      1.19565
(13120708)      1.05134 (13120708)      0.93156 (13120708)
 3776474.5 |      1.86051 (15122308)      1.48585 (13120708)      1.25924
(13120708)      1.08241 (13120708)      0.94734 (13120708)
 3776424.5 |      2.03931 (15122308)      1.64054 (13120708)      1.31894
(13120708)      1.11125 (13120708)      0.96752 (13120708)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***       08:39:22

                                  PAGE 178
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
               C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
               C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
               C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART14  ;  NETWORK TYPE:
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GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       472364.69               472414.69               472464.69
       472514.69               472564.69
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777124.5 |      0.70165 (13120708)      0.63604 (13120708)      0.57097
(12021508)      0.57877 (12112924)      0.59074 (12112924)
 3777074.5 |      0.71434 (13120708)      0.64557 (13120708)      0.59729
(12112924)      0.60524 (12112924)      0.60471 (12112924)
 3777024.5 |      0.72744 (13120708)      0.65604 (13120708)      0.63247
(12112924)      0.63442 (12112924)      0.62872 (12112924)
 3776974.5 |      0.74191 (13120708)      0.66583 (13120708)      0.61796
(12112924)      0.56817 (12112924)      0.56780 (12112924)
 3776924.5 |      0.75334 (13120708)      0.67636 (13120708)      0.61137
(12112924)      0.54112 (12021508)      0.53912 (12112924)
 3776874.5 |      0.74948 (12021508)      0.68363 (12021508)      0.61596
(12021508)      0.55209 (12021508)      0.51483 (11100508)
 3776824.5 |      0.76596 (12021508)      0.70080 (12021508)      0.62798
(12021508)      0.55914 (12021508)      0.50908 (11100508)
 3776774.5 |      0.78321 (12021508)      0.71137 (12021508)      0.63691
(12021508)      0.56547 (12021508)      0.52576 (11100508)
 3776724.5 |      0.80072 (12021508)      0.72205 (12021508)      0.64419
(12021508)      0.57266 (12021508)      0.54225 (11100508)
 3776674.5 |      0.80145 (12021508)      0.72431 (12021508)      0.64818
(12021508)      0.57845 (12021508)      0.54857 (11100508)
 3776624.5 |      0.81512 (12021508)      0.73316 (12021508)      0.65391
(12021508)      0.58318 (12021508)      0.53865 (11100508)
 3776574.5 |      0.82592 (12021508)      0.73974 (12021508)      0.65775
(12021508)      0.58657 (12021508)      0.55578 (11100508)
 3776524.5 |      0.83129 (12021508)      0.74082 (12021508)      0.65794
(12021508)      0.58509 (12021508)      0.53251 (11100508)
 3776474.5 |      0.83565 (12021508)      0.74357 (12021508)      0.65913
(12021508)      0.58674 (12021508)      0.53059 (15122308)
 3776424.5 |      0.84350 (13120708)      0.74699 (12021508)      0.65966
(12021508)      0.59448 (15122308)      0.53806 (15122308)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        08:39:22

                                   PAGE 179
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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```
                                *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART15  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       472138.17              472188.17              472238.17
       472288.17              472338.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3775714.7 |      2.34886 (15122308)      1.77537 (15122308)      1.39768
(15122308)      1.15495 (15122308)      0.98047 (15122308)
 3775664.7 |      2.40039 (15122308)      1.86554 (13120708)      1.39651
(15122308)      1.14853 (15122308)      0.97409 (15122308)
 3775614.7 |      2.32235 (15122308)      1.78479 (15122308)      1.36886
(15122308)      1.13906 (15122308)      0.96701 (15122308)
 3775564.7 |      2.19505 (15122308)      1.67662 (15122308)      1.34023
(15122308)      1.12511 (15122308)      0.95619 (15122308)
 3775514.7 |      2.14037 (15122308)      1.64267 (15122308)      1.31660
(15122308)      1.10710 (15122308)      0.94578 (15122308)
 3775464.7 |      2.10298 (15122308)      1.61635 (15122308)      1.29129
(15122308)      1.09060 (15122308)      0.92929 (15122308)
 3775414.7 |      2.09543 (16121108)      1.58656 (15122308)      1.28109
(15122308)      1.07510 (15122308)      0.91891 (15122308)
 3775364.7 |      2.11693 (16121108)      1.58746 (16121108)      1.27410
(16121108)      1.06482 (15122308)      0.91278 (16121108)
 3775314.7 |      2.14703 (16121108)      1.59722 (16121108)      1.27612
(16121108)      1.06283 (16121108)      0.90990 (16121108)
 3775264.7 |      2.19902 (16121108)      1.60819 (16121108)      1.27611
(16121108)      1.05977 (16121108)      0.90566 (16121108)
 3775214.7 |      2.22802 (16121108)      1.61152 (16121108)      1.27319
(16121108)      1.05472 (16121108)      0.89999 (16121108)
 3775164.7 |      2.20722 (16121108)      1.60179 (16121108)      1.26475
(16121108)      1.04691 (16121108)      0.89241 (16121108)
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 3775114.7 |      2.16534 (16121108)      1.58264 (16121108)      1.25218
(16121108)      1.03685 (16121108)      0.88338 (16121108)
 3775064.7 |      2.12721 (16121108)      1.56242 (16121108)      1.23745
(16121108)      1.02468 (16121108)      0.87285 (16121108)
 3775014.7 |      2.10054 (16121108)      1.54340 (16121108)      1.22216
(16121108)      1.01172 (16121108)      0.86109 (16121108)
 3774964.7 |      2.06762 (16121108)      1.52154 (16121108)      1.20574
(16121108)      0.99735 (16121108)      0.84797 (16121108)
 3774914.7 |      2.03798 (16121108)      1.50209 (16121108)      1.18844
(16121108)      0.98129 (16121108)      0.83350 (16121108)
 3774864.7 |      2.01200 (16121108)      1.48110 (16121108)      1.16891
(16121108)      0.96326 (16121108)      0.81686 (16121108)
 3774814.7 |      1.99268 (16121108)      1.45697 (16121108)      1.14607
(16121108)      0.94217 (16121108)      0.79790 (16121108)
 3774764.7 |      1.95579 (16121108)      1.42652 (16121108)      1.11889
(16121108)      0.91787 (16121108)      0.77651 (16121108)
 3774714.7 |      1.90478 (16121108)      1.38685 (16121108)      1.08505
(16121108)      0.88885 (16121108)      0.75118 (16121108)
 3774664.7 |      1.85805 (16121108)      1.33872 (16121108)      1.04356
(16121108)      0.85402 (16121108)      0.72198 (16121108)
 3774614.7 |      1.78162 (16121108)      1.27452 (16121108)      0.99241
(16121108)      0.81286 (16121108)      0.68832 (16121108)
 3774564.7 |      1.65433 (16121108)      1.19025 (16121108)      0.93034
(16121108)      0.76525 (16121108)      0.65068 (16121108)
 3774514.7 |      1.49368 (16121108)      1.08682 (16121108)      0.85739
(16121108)      0.71118 (16121108)      0.60897 (16121108)
 3774464.7 |      1.30431 (16121108)      0.96689 (16121108)      0.77610
(11013108)      0.65395 (11013108)      0.56458 (16121108)
 3774414.7 |      1.09086 (11013108)      0.86067 (11013108)      0.71166
(11013108)      0.60816 (11013108)      0.53060 (11013108)
 3774364.7 |      0.96541 (11012724)      0.76890 (11012724)      0.64725
(11013108)      0.56312 (11013108)      0.49729 (11013108)
 3774314.7 |      0.86668 (11012724)      0.70182 (11012724)      0.59772
(12030408)      0.52572 (12030408)      0.46774 (12030408)
 3774264.7 |      0.77530 (11012724)      0.64991 (11012724)      0.55668
(12030408)      0.49587 (12030408)      0.44505 (12030408)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        08:39:22

                                   PAGE 180
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
```

```
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART16  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       472255.22              472305.22              472355.22
       472405.22              472455.22
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776236.9 |      1.23514 (13120708)      1.05319 (13120708)      0.90770
(15122308)      0.79842 (15122308)      0.70903 (15122308)
 3776186.9 |      1.25084 (13120708)      1.06764 (13120708)      0.91920
(15122308)      0.80968 (15122308)      0.71503 (15122308)
 3776136.9 |      1.26375 (15122308)      1.07892 (15122308)      0.92679
(15122308)      0.81377 (15122308)      0.71909 (15122308)
 3776086.9 |      1.27922 (15122308)      1.08583 (15122308)      0.93337
(15122308)      0.81811 (15122308)      0.72113 (15122308)
 3776036.9 |      1.29177 (15122308)      1.09138 (15122308)      0.93893
(15122308)      0.81865 (15122308)      0.72195 (15122308)
 3775986.9 |      1.30320 (15122308)      1.10015 (15122308)      0.94523
(15122308)      0.82171 (15122308)      0.71919 (15122308)
 3775936.9 |      1.31713 (15122308)      1.10363 (15122308)      0.94748
(15122308)      0.82277 (15122308)      0.71904 (15122308)
 3775886.9 |      1.31983 (15122308)      1.10586 (15122308)      0.94507
(15122308)      0.81705 (15122308)      0.71893 (15122308)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***       08:39:22

                                   PAGE 181
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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


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

```
                **

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

BNSFCONS HIGH   1ST HIGH VALUE IS      12.76022  ON 13041307: AT (  472023.42,
3774752.42,   333.60,   333.60,    0.00)  GC  UCART1

ALL      HIGH   1ST HIGH VALUE IS      12.76022  ON 13041307: AT (  472023.42,
3774752.42,   333.60,   333.60,    0.00)  GC  UCART1


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        08:39:22

                                   PAGE 182
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                 *** THE SUMMARY OF HIGHEST  8-HR
RESULTS ***


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

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

BNSFCONS HIGH   1ST HIGH VALUE IS       9.70746  ON 16121108: AT (  472006.60,
3776354.71,   347.00,   347.00,    0.00)  GC  UCART3

ALL      HIGH   1ST HIGH VALUE IS       9.70746  ON 16121108: AT (  472006.60,
3776354.71,   347.00,   347.00,    0.00)  GC  UCART3
```

```
 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        08:39:22

                                   PAGE 183
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

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

 A Total of            0 Fatal Error Message(s)
 A Total of            7 Warning Message(s)
 A Total of          838 Informational Message(s)

 A Total of        43848 Hours Were Processed

 A Total of           40 Calm Hours Identified

 A Total of          798 Missing Hours Identified (  1.82 Percent)


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


    ********   WARNING MESSAGES   ********
 ME W186    1112       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187    1112       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 MX W438    8800        METQA: Convective Velocity Data Out-of-Range.  KURDAT =
  12010216
 MX W438   11536        METQA: Convective Velocity Data Out-of-Range.  KURDAT =
  12042516
 MX W420   16779        METQA: Wind Speed Out-of-Range.   KURDAT =
  12113003
 MX W450   26305       CHKDAT: Record Out of Sequence in Meteorological File at:
  15010101
 MX W450   26305       CHKDAT: Record Out of Sequence in Meteorological File at:
1 year gap
```

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

```
**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.9.0
** Lakes Environmental Software Inc.
** Date: 6/26/2020
** File: C:\Lakes\AERMOD View\BNSF Ono_Con_NOx\BNSF Ono_Con_NOx.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE Ono Construction NOx
   MODELOPT DFAULT CONC
   AVERTIME 1 ANNUAL
   URBANOPT 216995
   POLLUTID NOX
   RUNORNOT RUN
   ERRORFIL "BNSF Ono_Con_NOx.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 = CON3
** DESCRSRC construction alignment NOx emissions 3
** PREFIX C3
** Length of Side = 9.70
** Configuration = Adjacent
** Emission Rate = 1.06
** Vertical Dimension = 7.82
** SZINIT = 3.64
** Nodes = 44
** 472029.067, 3774423.620, 330.82, 5.00, 4.51
** 472027.831, 3774478.042, 331.46, 5.00, 4.51
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** 472000.591, 3774511.750, 332.06, 5.00, 4.51
** 472013.272, 3774556.255, 332.64, 5.00, 4.51
** 472031.864, 3774578.593, 332.21, 5.00, 4.51
** 472029.304, 3774684.181, 333.03, 5.00, 4.51
** 472002.658, 3774711.761, 333.60, 5.00, 4.51
** 472001.216, 3774757.585, 333.81, 5.00, 4.51
** 472028.458, 3774759.397, 333.47, 5.00, 4.51
** 472029.022, 3774836.830, 334.00, 5.00, 4.51
** 472014.653, 3774850.787, 334.41, 5.00, 4.51
** 472011.200, 3774882.035, 334.71, 5.00, 4.51
** 472030.428, 3774899.027, 334.52, 5.00, 4.51
** 472033.861, 3775069.137, 336.13, 5.00, 4.51
** 472044.457, 3775252.708, 337.89, 5.00, 4.51
** 472023.610, 3775266.611, 338.37, 5.00, 4.51
** 472026.862, 3775405.698, 339.52, 5.00, 4.51
** 471990.441, 3775421.200, 340.22, 5.00, 4.51
** 472020.706, 3775460.501, 340.35, 5.00, 4.51
** 472021.501, 3775574.097, 341.67, 5.00, 4.51
** 472024.227, 3775616.759, 342.65, 5.00, 4.51
** 472046.874, 3775636.423, 341.93, 5.00, 4.51
** 472044.511, 3775860.656, 344.18, 5.00, 4.51
** 472044.474, 3776009.430, 344.91, 5.00, 4.51
** 472023.518, 3776037.236, 345.55, 5.00, 4.51
** 472026.153, 3776139.738, 345.99, 5.00, 4.51
** 472026.595, 3776148.843, 345.93, 5.00, 4.51
** 472036.101, 3776216.655, 346.57, 5.00, 4.51
** 472027.399, 3776304.861, 345.20, 5.00, 4.51
** 472014.541, 3776370.163, 345.32, 5.00, 4.51
** 471995.999, 3776385.920, 347.82, 5.00, 4.51
** 471994.791, 3776431.787, 345.96, 5.00, 4.51
** 471924.256, 3776582.316, 348.71, 5.00, 4.51
** 471899.871, 3776573.811, 350.24, 5.00, 4.51
** 471892.688, 3776621.003, 349.43, 5.00, 4.51
** 471790.618, 3776728.020, 352.43, 5.00, 4.51
** 471687.819, 3776808.468, 354.12, 5.00, 4.51
** 471587.411, 3776886.025, 355.59, 5.00, 4.51
** 471381.275, 3777051.819, 358.77, 5.00, 4.51
** 471204.297, 3777192.559, 361.85, 5.00, 4.51
** 471034.024, 3777323.679, 365.52, 5.00, 4.51
** 470919.103, 3777424.226, 368.63, 5.00, 4.51
** 470766.423, 3777576.849, 372.68, 5.00, 4.51
** 470646.829, 3777717.308, 375.61, 5.00, 4.51
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   LOCATION C3037540     VOLUME   472028.736 3774438.166 331.20
   LOCATION C3037541     VOLUME   472028.516 3774447.863 331.30
   LOCATION C3037542     VOLUME   472028.296 3774457.561 331.41
   LOCATION C3037543     VOLUME   472028.076 3774467.258 331.51
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LOCATION C3037544     VOLUME   472027.855 3774476.956 331.59
LOCATION C3037545     VOLUME   472022.417 3774484.742 331.72
LOCATION C3037546     VOLUME   472016.320 3774492.286 331.85
LOCATION C3037547     VOLUME   472010.224 3774499.831 331.98
LOCATION C3037548     VOLUME   472004.127 3774507.375 332.09
LOCATION C3037549     VOLUME   472001.708 3774515.669 332.21
LOCATION C3037550     VOLUME   472004.366 3774524.998 332.32
LOCATION C3037551     VOLUME   472007.024 3774534.327 332.41
LOCATION C3037552     VOLUME   472009.682 3774543.655 332.49
LOCATION C3037553     VOLUME   472012.340 3774552.984 332.56
LOCATION C3037554     VOLUME   472017.302 3774561.096 332.54
LOCATION C3037555     VOLUME   472023.507 3774568.552 332.43
LOCATION C3037556     VOLUME   472029.712 3774576.008 332.33
LOCATION C3037557     VOLUME   472031.711 3774584.927 332.34
LOCATION C3037558     VOLUME   472031.476 3774594.624 332.40
LOCATION C3037559     VOLUME   472031.240 3774604.322 332.48
LOCATION C3037560     VOLUME   472031.005 3774614.019 332.56
LOCATION C3037561     VOLUME   472030.770 3774623.716 332.65
LOCATION C3037562     VOLUME   472030.535 3774633.413 332.75
LOCATION C3037563     VOLUME   472030.300 3774643.110 332.86
LOCATION C3037564     VOLUME   472030.065 3774652.807 332.96
LOCATION C3037565     VOLUME   472029.830 3774662.504 333.03
LOCATION C3037566     VOLUME   472029.594 3774672.202 333.09
LOCATION C3037567     VOLUME   472029.359 3774681.899 333.14
LOCATION C3037568     VOLUME   472024.150 3774689.515 333.27
LOCATION C3037569     VOLUME   472017.410 3774696.491 333.42
LOCATION C3037570     VOLUME   472010.671 3774703.467 333.55
LOCATION C3037571     VOLUME   472003.931 3774710.443 333.63
LOCATION C3037572     VOLUME   472002.410 3774719.625 333.67
LOCATION C3037573     VOLUME   472002.105 3774729.320 333.72
LOCATION C3037574     VOLUME   472001.800 3774739.015 333.76
LOCATION C3037575     VOLUME   472001.495 3774748.711 333.81
LOCATION C3037576     VOLUME   472002.035 3774757.639 333.88
LOCATION C3037577     VOLUME   472011.714 3774758.283 333.83
LOCATION C3037578     VOLUME   472021.392 3774758.927 333.71
LOCATION C3037579     VOLUME   472028.477 3774762.015 333.64
LOCATION C3037580     VOLUME   472028.548 3774771.715 333.72
LOCATION C3037581     VOLUME   472028.618 3774781.414 333.80
LOCATION C3037582     VOLUME   472028.689 3774791.114 333.85
LOCATION C3037583     VOLUME   472028.760 3774800.814 333.91
LOCATION C3037584     VOLUME   472028.830 3774810.514 333.96
LOCATION C3037585     VOLUME   472028.901 3774820.213 334.02
LOCATION C3037586     VOLUME   472028.971 3774829.913 334.07
LOCATION C3037587     VOLUME   472027.025 3774838.769 334.15
LOCATION C3037588     VOLUME   472020.067 3774845.528 334.30
LOCATION C3037589     VOLUME   472014.417 3774852.926 334.43
LOCATION C3037590     VOLUME   472013.351 3774862.567 334.52
LOCATION C3037591     VOLUME   472012.286 3774872.208 334.62
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LOCATION C3037592     VOLUME   472011.221 3774881.850 334.77
LOCATION C3037593     VOLUME   472018.329 3774888.335 334.76
LOCATION C3037594     VOLUME   472025.598 3774894.758 334.71
LOCATION C3037595     VOLUME   472030.494 3774902.280 334.70
LOCATION C3037596     VOLUME   472030.689 3774911.978 334.79
LOCATION C3037597     VOLUME   472030.885 3774921.676 334.87
LOCATION C3037598     VOLUME   472031.081 3774931.374 334.96
LOCATION C3037599     VOLUME   472031.277 3774941.072 335.07
LOCATION C3037600     VOLUME   472031.472 3774950.770 335.18
LOCATION C3037601     VOLUME   472031.668 3774960.468 335.29
LOCATION C3037602     VOLUME   472031.864 3774970.166 335.45
LOCATION C3037603     VOLUME   472032.059 3774979.864 335.64
LOCATION C3037604     VOLUME   472032.255 3774989.562 335.83
LOCATION C3037605     VOLUME   472032.451 3774999.260 336.07
LOCATION C3037606     VOLUME   472032.646 3775008.958 336.37
LOCATION C3037607     VOLUME   472032.842 3775018.656 336.67
LOCATION C3037608     VOLUME   472033.038 3775028.354 336.82
LOCATION C3037609     VOLUME   472033.234 3775038.052 336.63
LOCATION C3037610     VOLUME   472033.429 3775047.750 336.45
LOCATION C3037611     VOLUME   472033.625 3775057.448 336.30
LOCATION C3037612     VOLUME   472033.821 3775067.146 336.35
LOCATION C3037613     VOLUME   472034.305 3775076.833 336.38
LOCATION C3037614     VOLUME   472034.864 3775086.517 336.41
LOCATION C3037615     VOLUME   472035.423 3775096.201 336.47
LOCATION C3037616     VOLUME   472035.982 3775105.885 336.52
LOCATION C3037617     VOLUME   472036.541 3775115.569 336.58
LOCATION C3037618     VOLUME   472037.100 3775125.252 336.66
LOCATION C3037619     VOLUME   472037.659 3775134.936 336.76
LOCATION C3037620     VOLUME   472038.218 3775144.620 336.85
LOCATION C3037621     VOLUME   472038.777 3775154.304 336.95
LOCATION C3037622     VOLUME   472039.336 3775163.988 337.04
LOCATION C3037623     VOLUME   472039.895 3775173.672 337.13
LOCATION C3037624     VOLUME   472040.454 3775183.356 337.22
LOCATION C3037625     VOLUME   472041.013 3775193.040 337.30
LOCATION C3037626     VOLUME   472041.572 3775202.724 337.38
LOCATION C3037627     VOLUME   472042.131 3775212.407 337.46
LOCATION C3037628     VOLUME   472042.690 3775222.091 337.54
LOCATION C3037629     VOLUME   472043.249 3775231.775 337.62
LOCATION C3037630     VOLUME   472043.808 3775241.459 337.70
LOCATION C3037631     VOLUME   472044.367 3775251.143 337.77
LOCATION C3037632     VOLUME   472037.691 3775257.220 338.01
LOCATION C3037633     VOLUME   472029.621 3775262.602 338.17
LOCATION C3037634     VOLUME   472023.667 3775269.085 338.31
LOCATION C3037635     VOLUME   472023.894 3775278.782 338.40
LOCATION C3037636     VOLUME   472024.121 3775288.479 338.49
LOCATION C3037637     VOLUME   472024.348 3775298.177 338.57
LOCATION C3037638     VOLUME   472024.574 3775307.874 338.65
LOCATION C3037639     VOLUME   472024.801 3775317.571 338.72
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LOCATION C3037640     VOLUME   472025.028 3775327.269 338.79
LOCATION C3037641     VOLUME   472025.255 3775336.966 338.88
LOCATION C3037642     VOLUME   472025.482 3775346.663 339.00
LOCATION C3037643     VOLUME   472025.708 3775356.361 339.12
LOCATION C3037644     VOLUME   472025.935 3775366.058 339.24
LOCATION C3037645     VOLUME   472026.162 3775375.755 339.36
LOCATION C3037646     VOLUME   472026.389 3775385.453 339.48
LOCATION C3037647     VOLUME   472026.615 3775395.150 339.60
LOCATION C3037648     VOLUME   472026.842 3775404.848 339.69
LOCATION C3037649     VOLUME   472018.720 3775409.164 339.83
LOCATION C3037650     VOLUME   472009.795 3775412.963 339.95
LOCATION C3037651     VOLUME   472000.870 3775416.762 340.06
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LOCATION C3037654     VOLUME   472001.281 3775435.276 340.19
LOCATION C3037655     VOLUME   472007.199 3775442.962 340.24
LOCATION C3037656     VOLUME   472013.118 3775450.647 340.30
LOCATION C3037657     VOLUME   472019.036 3775458.332 340.38
LOCATION C3037658     VOLUME   472020.755 3775467.463 340.50
LOCATION C3037659     VOLUME   472020.823 3775477.163 340.63
LOCATION C3037660     VOLUME   472020.891 3775486.863 340.76
LOCATION C3037661     VOLUME   472020.959 3775496.563 340.82
LOCATION C3037662     VOLUME   472021.027 3775506.263 340.88
LOCATION C3037663     VOLUME   472021.094 3775515.962 340.93
LOCATION C3037664     VOLUME   472021.162 3775525.662 341.00
LOCATION C3037665     VOLUME   472021.230 3775535.362 341.07
LOCATION C3037666     VOLUME   472021.298 3775545.062 341.14
LOCATION C3037667     VOLUME   472021.366 3775554.761 341.25
LOCATION C3037668     VOLUME   472021.434 3775564.461 341.38
LOCATION C3037669     VOLUME   472021.505 3775574.161 341.51
LOCATION C3037670     VOLUME   472022.124 3775583.841 341.72
LOCATION C3037671     VOLUME   472022.742 3775593.521 342.04
LOCATION C3037672     VOLUME   472023.361 3775603.202 342.34
LOCATION C3037673     VOLUME   472023.980 3775612.882 342.77
LOCATION C3037674     VOLUME   472028.618 3775620.571 343.05
LOCATION C3037675     VOLUME   472035.942 3775626.931 342.49
LOCATION C3037676     VOLUME   472043.267 3775633.291 341.67
LOCATION C3037677     VOLUME   472046.822 3775641.345 341.39
LOCATION C3037678     VOLUME   472046.720 3775651.045 341.47
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** End of LINE VOLUME Source ID = CON3
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** Line Source Represented by Adjacent Volume Sources
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** DESCRSRC construction alignment NOx emissions 4
** PREFIX C4
** Length of Side = 9.70
** Configuration = Adjacent
** Emission Rate = 0.078
** Vertical Dimension = 7.82
** SZINIT = 3.64
** Nodes = 3
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   LOCATION C4037980     VOLUME   469025.217 3779760.409 427.71
   LOCATION C4037981     VOLUME   469019.187 3779768.006 427.86
   LOCATION C4037982     VOLUME   469013.156 3779775.604 428.05
   LOCATION C4037983     VOLUME   469007.126 3779783.202 428.26
   LOCATION C4037984     VOLUME   469001.095 3779790.799 428.39
   LOCATION C4037985     VOLUME   468995.064 3779798.397 428.56
   LOCATION C4037986     VOLUME   468989.034 3779805.994 428.77
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** Source Parameters **
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   URBANSRC ALL

** Variable Emissions Type: "By Hour-of-Day (HROFDY)"
** Variable Emission Scenario: "Scenario 2"
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   SRCGROUP ALL
SO FINISHED
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** AERMOD Receptor Pathway
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**
RE STARTING
   INCLUDED "BNSF Ono_Con_NOx.rou"
RE FINISHED
**
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** AERMOD Meteorology Pathway
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**
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ME STARTING
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   SURFFILE FONT_V9_ADJU\FONT_v9.SFC
** Profile File Path: C:\Lakes\AERMOD View\BNSF Ono_Con_NOx\FONT_V9_ADJU\
   PROFFILE FONT_V9_ADJU\FONT_v9.PFL
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   UAIRDATA 3190 2011
   SITEDATA 99999 2011
   PROFBASE 367.0 METERS
ME FINISHED
**
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** AERMOD Output Pathway
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OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
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ONO_CON_NOX.AD\01H1GALL.PLT" 31
   PLOTFILE 1 BNSFcons 1ST "C:\Lakes\AERMOD View\BNSF Ono_Con_NOx\BNSF
ONO_CON_NOX.AD\01H1G001.PLT" 32
   PLOTFILE ANNUAL ALL "C:\Lakes\AERMOD View\BNSF Ono_Con_NOx\BNSF
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ONO_CON_NOX.AD\AN00GALL.PLT" 33
   PLOTFILE ANNUAL BNSFcons "C:\Lakes\AERMOD View\BNSF Ono_Con_NOx\BNSF
ONO_CON_NOX.AD\AN00G000.PLT" 34
   SUMMFILE "C:\Lakes\AERMOD View\BNSF Ono_Con_NOx\BNSF Ono_Con_NOx.sum"
OU FINISHED
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** Project Parameters
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** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS    m
** ZONE     11
** ZONEINX  0
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** AERMOD Input Produced by:
** AERMOD View Ver. 9.9.0
** Lakes Environmental Software Inc.
** Date: 6/23/2020
** File: C:\Lakes\AERMOD View\BNSF_HRA\BNSF_Con_CO\BNSF_Con_CO.ADI
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** AERMOD Control Pathway
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CO STARTING
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   MODELOPT DFAULT CONC
   AVERTIME 1 8
   URBANOPT 216995
   POLLUTID CO
   RUNORNOT RUN
   ERRORFIL BNSF_Con_CO.err
CO FINISHED
**
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** AERMOD Source Pathway
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SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** -----------------------------------------------------------------------
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** LINE VOLUME Source ID = CON3
** DESCRSRC construction alignment CO emissions 3
** PREFIX C3
** Length of Side = 9.70
** Configuration = Adjacent
** Emission Rate = 0.147104
** Vertical Dimension = 7.82
** SZINIT = 3.64
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LOCATION C3037298     VOLUME   472025.984 3776312.047 346.06
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   LOCATION C3037501     VOLUME   470688.358 3777668.534 375.36
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   LOCATION C3037504     VOLUME   470669.492 3777690.690 375.92
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = CON4
** DESCRSRC construction alignment CO emissions 4
** PREFIX C4
** Length of Side = 9.70
** Configuration = Adjacent
** Emission Rate = 0.010808
** Vertical Dimension = 7.82
** SZINIT = 3.64
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   LOCATION C4037521     VOLUME   469085.186 3779684.169 426.39
   LOCATION C4037522     VOLUME   469079.235 3779691.829 426.52
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** Source Parameters **
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SRCPARAM C3037430     0.0003519234      5.00      4.51      3.64
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SRCPARAM C3037432     0.0003519234      5.00      4.51      3.64
SRCPARAM C3037433     0.0003519234      5.00      4.51      3.64
SRCPARAM C3037434     0.0003519234      5.00      4.51      3.64
SRCPARAM C3037435     0.0003519234      5.00      4.51      3.64
SRCPARAM C3037436     0.0003519234      5.00      4.51      3.64
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SRCPARAM C3037440     0.0003519234      5.00      4.51      3.64
SRCPARAM C3037441     0.0003519234      5.00      4.51      3.64
SRCPARAM C3037442     0.0003519234      5.00      4.51      3.64
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SRCPARAM C3037460     0.0003519234      5.00      4.51      3.64
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SRCPARAM C3037468     0.0003519234      5.00      4.51      3.64
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SRCPARAM C3037470     0.0003519234      5.00      4.51      3.64
SRCPARAM C3037471     0.0003519234      5.00      4.51      3.64
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SRCPARAM C3037488     0.0003519234      5.00      4.51      3.64
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   SRCPARAM C3037491     0.0003519234      5.00      4.51      3.64
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   SRCPARAM C3037494     0.0003519234      5.00      4.51      3.64
   SRCPARAM C3037495     0.0003519234      5.00      4.51      3.64
   SRCPARAM C3037496     0.0003519234      5.00      4.51      3.64
   SRCPARAM C3037497     0.0003519234      5.00      4.51      3.64
   SRCPARAM C3037498     0.0003519234      5.00      4.51      3.64
   SRCPARAM C3037499     0.0003519234      5.00      4.51      3.64
   SRCPARAM C3037500     0.0003519234      5.00      4.51      3.64
   SRCPARAM C3037501     0.0003519234      5.00      4.51      3.64
   SRCPARAM C3037502     0.0003519234      5.00      4.51      3.64
   SRCPARAM C3037503     0.0003519234      5.00      4.51      3.64
   SRCPARAM C3037504     0.0003519234      5.00      4.51      3.64
   SRCPARAM C3037505     0.0003519234      5.00      4.51      3.64
   SRCPARAM C3037506     0.0003519234      5.00      4.51      3.64
   SRCPARAM C3037507     0.0003519234      5.00      4.51      3.64
** ----------------------------------------------------------------------
** LINE VOLUME Source ID = CON4
   SRCPARAM C4037508     0.0003486452      5.00      4.51      3.64
   SRCPARAM C4037509     0.0003486452      5.00      4.51      3.64
   SRCPARAM C4037510     0.0003486452      5.00      4.51      3.64
   SRCPARAM C4037511     0.0003486452      5.00      4.51      3.64
   SRCPARAM C4037512     0.0003486452      5.00      4.51      3.64
   SRCPARAM C4037513     0.0003486452      5.00      4.51      3.64
   SRCPARAM C4037514     0.0003486452      5.00      4.51      3.64
   SRCPARAM C4037515     0.0003486452      5.00      4.51      3.64
   SRCPARAM C4037516     0.0003486452      5.00      4.51      3.64
   SRCPARAM C4037517     0.0003486452      5.00      4.51      3.64
   SRCPARAM C4037518     0.0003486452      5.00      4.51      3.64
   SRCPARAM C4037519     0.0003486452      5.00      4.51      3.64
   SRCPARAM C4037520     0.0003486452      5.00      4.51      3.64
   SRCPARAM C4037521     0.0003486452      5.00      4.51      3.64
   SRCPARAM C4037522     0.0003486452      5.00      4.51      3.64
   SRCPARAM C4037523     0.0003486452      5.00      4.51      3.64
   SRCPARAM C4037524     0.0003486452      5.00      4.51      3.64
   SRCPARAM C4037525     0.0003486452      5.00      4.51      3.64
   SRCPARAM C4037526     0.0003486452      5.00      4.51      3.64
   SRCPARAM C4037527     0.0003486452      5.00      4.51      3.64
   SRCPARAM C4037528     0.0003486452      5.00      4.51      3.64
   SRCPARAM C4037529     0.0003486452      5.00      4.51      3.64
   SRCPARAM C4037530     0.0003486452      5.00      4.51      3.64
   SRCPARAM C4037531     0.0003486452      5.00      4.51      3.64
   SRCPARAM C4037532     0.0003486452      5.00      4.51      3.64
   SRCPARAM C4037533     0.0003486452      5.00      4.51      3.64
   SRCPARAM C4037534     0.0003486452      5.00      4.51      3.64
   SRCPARAM C4037535     0.0003486452      5.00      4.51      3.64
   SRCPARAM C4037536     0.0003486452      5.00      4.51      3.64
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   SRCPARAM C4037537     0.0003486452      5.00      4.51      3.64
   SRCPARAM C4037538     0.0003486452      5.00      4.51      3.64
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   SRCGROUP BNSFcons C3037090 C3037091 C3037092 C3037093 C3037094 C3037095
   SRCGROUP BNSFcons C3037096 C3037097 C3037098 C3037099 C3037100 C3037101
   SRCGROUP BNSFcons C3037102 C3037103 C3037104 C3037105 C3037106 C3037107
   SRCGROUP BNSFcons C3037108 C3037109 C3037110 C3037111 C3037112 C3037113
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   SRCGROUP BNSFcons C3037120 C3037121 C3037122 C3037123 C3037124 C3037125
   SRCGROUP BNSFcons C3037126 C3037127 C3037128 C3037129 C3037130 C3037131
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   SRCGROUP BNSFcons C3037138 C3037139 C3037140 C3037141 C3037142 C3037143
   SRCGROUP BNSFcons C3037144 C3037145 C3037146 C3037147 C3037148 C3037149
   SRCGROUP BNSFcons C3037150 C3037151 C3037152 C3037153 C3037154 C3037155
   SRCGROUP BNSFcons C3037156 C3037157 C3037158 C3037159 C3037160 C3037161
   SRCGROUP BNSFcons C3037162 C3037163 C3037164 C3037165 C3037166 C3037167
   SRCGROUP BNSFcons C3037168 C3037169 C3037170 C3037171 C3037172 C3037173
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   SRCGROUP BNSFcons C3037180 C3037181 C3037182 C3037183 C3037184 C3037185
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   SRCGROUP BNSFcons C3037192 C3037193 C3037194 C3037195 C3037196 C3037197
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   SRCGROUP BNSFcons C3037294 C3037295 C3037296 C3037297 C3037298 C3037299
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   SRCGROUP BNSFcons C3037360 C3037361 C3037362 C3037363 C3037364 C3037365
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   SRCGROUP BNSFcons C3037420 C3037421 C3037422 C3037423 C3037424 C3037425
   SRCGROUP BNSFcons C3037426 C3037427 C3037428 C3037429 C3037430 C3037431
   SRCGROUP BNSFcons C3037432 C3037433 C3037434 C3037435 C3037436 C3037437
   SRCGROUP BNSFcons C3037438 C3037439 C3037440 C3037441 C3037442 C3037443
   SRCGROUP BNSFcons C3037444 C3037445 C3037446 C3037447 C3037448 C3037449
   SRCGROUP BNSFcons C3037450 C3037451 C3037452 C3037453 C3037454 C3037455
   SRCGROUP BNSFcons C3037456 C3037457 C3037458 C3037459 C3037460 C3037461
   SRCGROUP BNSFcons C3037462 C3037463 C3037464 C3037465 C3037466 C3037467
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   SRCGROUP BNSFcons C3037474 C3037475 C3037476 C3037477 C3037478 C3037479
   SRCGROUP BNSFcons C3037480 C3037481 C3037482 C3037483 C3037484 C3037485
   SRCGROUP BNSFcons C3037486 C3037487 C3037488 C3037489 C3037490 C3037491
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   SRCGROUP BNSFcons C3037504 C3037505 C3037506 C3037507 C4037508 C4037509
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   SRCGROUP BNSFcons C4037516 C4037517 C4037518 C4037519 C4037520 C4037521
   SRCGROUP BNSFcons C4037522 C4037523 C4037524 C4037525 C4037526 C4037527
   SRCGROUP BNSFcons C4037528 C4037529 C4037530 C4037531 C4037532 C4037533
   SRCGROUP BNSFcons C4037534 C4037535 C4037536 C4037537 C4037538
   SRCGROUP ALL
SO FINISHED
**
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
   INCLUDED BNSF_Con_CO.rou
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
```

```
ME STARTING
   SURFFILE ..\_References\FontanaADJU\FONT_V9_ADJU\FONT_v9.SFC
   PROFFILE ..\_References\FontanaADJU\FONT_V9_ADJU\FONT_v9.PFL
   SURFDATA 3102 2011
   UAIRDATA 3190 2011
   SITEDATA 99999 2011
   PROFBASE 367.0 METERS
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
   RECTABLE 8 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST BNSF_CON_CO.AD\01H1GALL.PLT 31
   PLOTFILE 8 ALL 1ST BNSF_CON_CO.AD\08H1GALL.PLT 32
   PLOTFILE 1 BNSFcons 1ST BNSF_CON_CO.AD\01H1G001.PLT 33
   PLOTFILE 8 BNSFcons 1ST BNSF_CON_CO.AD\08H1G001.PLT 34
   SUMMFILE BNSF_Con_CO.sum
OU FINISHED


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

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

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


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


    ********   WARNING MESSAGES   ********
 ME W186    1112       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187    1112       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


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

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 **********************************

 *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        08:39:22

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

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

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

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

 **Model Uses URBAN Dispersion Algorithm for the SBL for   449 Source(s),
   for Total of    1 Urban Area(s):
   Urban Population =    216995.0 ;  Urban Roughness Length =  1.000 m

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

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

 **Model Assumes No FLAGPOLE Receptor Heights.

 **The User Specified a Pollutant Type of:  CO

 **Model Calculates  2 Short Term Average(s) of:   1-HR   8-HR

 **This Run Includes:    449 Source(s);       2 Source Group(s); and    1037
Receptor(s)
```

```
                                BNSF Ono_Con_NOx.ADO
                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    449 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with      0 line(s)


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

 **The AERMET Input Meteorological Data Version Date:  16216

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

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

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   367.00 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC                                ;
Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.9 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   BNSF_Con_CO.err

 **File for Summary of Results:   BNSF_Con_CO.sum

 *** AERMOD - VERSION  19191 ***   *** Construction CO
                           ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 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 BY	EMISSION RATE SCALAR VARY
C3037090	0	0.35192E-03	472029.0	3774428.5	331.1	5.00	4.51	3.64	YES	
C3037091	0	0.35192E-03	472028.7	3774438.2	331.2	5.00	4.51	3.64	YES	
C3037092	0	0.35192E-03	472028.5	3774447.9	331.3	5.00	4.51	3.64	YES	
C3037093	0	0.35192E-03	472028.3	3774457.6	331.4	5.00	4.51	3.64	YES	
C3037094	0	0.35192E-03	472028.1	3774467.3	331.5	5.00	4.51	3.64	YES	
C3037095	0	0.35192E-03	472027.9	3774477.0	331.6	5.00	4.51	3.64	YES	
C3037096	0	0.35192E-03	472022.4	3774484.7	331.7	5.00	4.51	3.64	YES	
C3037097	0	0.35192E-03	472016.3	3774492.3	331.9	5.00	4.51	3.64	YES	
C3037098	0	0.35192E-03	472010.2	3774499.8	332.0	5.00	4.51	3.64	YES	
C3037099	0	0.35192E-03	472004.1	3774507.4	332.1	5.00	4.51	3.64	YES	
C3037100	0	0.35192E-03	472001.7	3774515.7	332.2	5.00	4.51	3.64	YES	
C3037101	0	0.35192E-03	472004.4	3774525.0	332.3	5.00	4.51	3.64	YES	
C3037102	0	0.35192E-03	472007.0	3774534.3	332.4	5.00	4.51	3.64	YES	
C3037103	0	0.35192E-03	472009.7	3774543.7	332.5	5.00	4.51	3.64	YES	
C3037104	0	0.35192E-03	472012.3	3774553.0	332.6	5.00	4.51	3.64	YES	
C3037105	0	0.35192E-03	472017.3	3774561.1	332.5	5.00	4.51			

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3.64     YES
 C3037106         0   0.35192E-03  472023.5 3774568.6   332.4     5.00     4.51
3.64     YES
 C3037107         0   0.35192E-03  472029.7 3774576.0   332.3     5.00     4.51
3.64     YES
 C3037108         0   0.35192E-03  472031.7 3774584.9   332.3     5.00     4.51
3.64     YES
 C3037109         0   0.35192E-03  472031.5 3774594.6   332.4     5.00     4.51
3.64     YES
 C3037110         0   0.35192E-03  472031.2 3774604.3   332.5     5.00     4.51
3.64     YES
 C3037111         0   0.35192E-03  472031.0 3774614.0   332.6     5.00     4.51
3.64     YES
 C3037112         0   0.35192E-03  472030.8 3774623.7   332.7     5.00     4.51
3.64     YES
 C3037113         0   0.35192E-03  472030.5 3774633.4   332.8     5.00     4.51
3.64     YES
 C3037114         0   0.35192E-03  472030.3 3774643.1   332.9     5.00     4.51
3.64     YES
 C3037115         0   0.35192E-03  472030.1 3774652.8   333.0     5.00     4.51
3.64     YES
 C3037116         0   0.35192E-03  472029.8 3774662.5   333.0     5.00     4.51
3.64     YES
 C3037117         0   0.35192E-03  472029.6 3774672.2   333.1     5.00     4.51
3.64     YES
 C3037118         0   0.35192E-03  472029.4 3774681.9   333.1     5.00     4.51
3.64     YES
 C3037119         0   0.35192E-03  472024.1 3774689.5   333.3     5.00     4.51
3.64     YES
 C3037120         0   0.35192E-03  472017.4 3774696.5   333.4     5.00     4.51
3.64     YES
 C3037121         0   0.35192E-03  472010.7 3774703.5   333.6     5.00     4.51
3.64     YES
 C3037122         0   0.35192E-03  472003.9 3774710.4   333.6     5.00     4.51
3.64     YES
 C3037123         0   0.35192E-03  472002.4 3774719.6   333.7     5.00     4.51
3.64     YES
 C3037124         0   0.35192E-03  472002.1 3774729.3   333.7     5.00     4.51
3.64     YES
 C3037125         0   0.35192E-03  472001.8 3774739.0   333.8     5.00     4.51
3.64     YES
 C3037126         0   0.35192E-03  472001.5 3774748.7   333.8     5.00     4.51
3.64     YES
 C3037127         0   0.35192E-03  472002.0 3774757.6   333.9     5.00     4.51
3.64     YES
 C3037128         0   0.35192E-03  472011.7 3774758.3   333.8     5.00     4.51
3.64     YES
 C3037129         0   0.35192E-03  472021.4 3774758.9   333.7     5.00     4.51
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3.64     YES
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

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

 C3037130         0   0.35192E-03  472028.5 3774762.0   333.6     5.00     4.51
3.64     YES
 C3037131         0   0.35192E-03  472028.5 3774771.7   333.7     5.00     4.51
3.64     YES
 C3037132         0   0.35192E-03  472028.6 3774781.4   333.8     5.00     4.51
3.64     YES
 C3037133         0   0.35192E-03  472028.7 3774791.1   333.9     5.00     4.51
3.64     YES
 C3037134         0   0.35192E-03  472028.8 3774800.8   333.9     5.00     4.51
3.64     YES
 C3037135         0   0.35192E-03  472028.8 3774810.5   334.0     5.00     4.51
3.64     YES
 C3037136         0   0.35192E-03  472028.9 3774820.2   334.0     5.00     4.51
3.64     YES
 C3037137         0   0.35192E-03  472029.0 3774829.9   334.1     5.00     4.51
3.64     YES
 C3037138         0   0.35192E-03  472027.0 3774838.8   334.2     5.00     4.51
3.64     YES
 C3037139         0   0.35192E-03  472020.1 3774845.5   334.3     5.00     4.51
3.64     YES
 C3037140         0   0.35192E-03  472014.4 3774852.9   334.4     5.00     4.51
3.64     YES
 C3037141         0   0.35192E-03  472013.4 3774862.6   334.5     5.00     4.51
3.64     YES
 C3037142         0   0.35192E-03  472012.3 3774872.2   334.6     5.00     4.51
3.64     YES
 C3037143         0   0.35192E-03  472011.2 3774881.8   334.8     5.00     4.51
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3.64     YES
 C3037144         0   0.35192E-03  472018.3 3774888.3   334.8     5.00     4.51
3.64     YES
 C3037145         0   0.35192E-03  472025.6 3774894.8   334.7     5.00     4.51
3.64     YES
 C3037146         0   0.35192E-03  472030.5 3774902.3   334.7     5.00     4.51
3.64     YES
 C3037147         0   0.35192E-03  472030.7 3774912.0   334.8     5.00     4.51
3.64     YES
 C3037148         0   0.35192E-03  472030.9 3774921.7   334.9     5.00     4.51
3.64     YES
 C3037149         0   0.35192E-03  472031.1 3774931.4   335.0     5.00     4.51
3.64     YES
 C3037150         0   0.35192E-03  472031.3 3774941.1   335.1     5.00     4.51
3.64     YES
 C3037151         0   0.35192E-03  472031.5 3774950.8   335.2     5.00     4.51
3.64     YES
 C3037152         0   0.35192E-03  472031.7 3774960.5   335.3     5.00     4.51
3.64     YES
 C3037153         0   0.35192E-03  472031.9 3774970.2   335.4     5.00     4.51
3.64     YES
 C3037154         0   0.35192E-03  472032.1 3774979.9   335.6     5.00     4.51
3.64     YES
 C3037155         0   0.35192E-03  472032.3 3774989.6   335.8     5.00     4.51
3.64     YES
 C3037156         0   0.35192E-03  472032.5 3774999.3   336.1     5.00     4.51
3.64     YES
 C3037157         0   0.35192E-03  472032.6 3775009.0   336.4     5.00     4.51
3.64     YES
 C3037158         0   0.35192E-03  472032.8 3775018.7   336.7     5.00     4.51
3.64     YES
 C3037159         0   0.35192E-03  472033.0 3775028.4   336.8     5.00     4.51
3.64     YES
 C3037160         0   0.35192E-03  472033.2 3775038.1   336.6     5.00     4.51
3.64     YES
 C3037161         0   0.35192E-03  472033.4 3775047.8   336.4     5.00     4.51
3.64     YES
 C3037162         0   0.35192E-03  472033.6 3775057.4   336.3     5.00     4.51
3.64     YES
 C3037163         0   0.35192E-03  472033.8 3775067.1   336.4     5.00     4.51
3.64     YES
 C3037164         0   0.35192E-03  472034.3 3775076.8   336.4     5.00     4.51
3.64     YES
 C3037165         0   0.35192E-03  472034.9 3775086.5   336.4     5.00     4.51
3.64     YES
 C3037166         0   0.35192E-03  472035.4 3775096.2   336.5     5.00     4.51
3.64     YES
 C3037167         0   0.35192E-03  472036.0 3775105.9   336.5     5.00     4.51
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3.64     YES
 C3037168         0   0.35192E-03  472036.5 3775115.6   336.6     5.00     4.51
3.64     YES
 C3037169         0   0.35192E-03  472037.1 3775125.3   336.7     5.00     4.51
3.64     YES
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                     *** VOLUME SOURCE DATA ***

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

 C3037170         0   0.35192E-03  472037.7 3775134.9   336.8     5.00     4.51
3.64     YES
 C3037171         0   0.35192E-03  472038.2 3775144.6   336.9     5.00     4.51
3.64     YES
 C3037172         0   0.35192E-03  472038.8 3775154.3   336.9     5.00     4.51
3.64     YES
 C3037173         0   0.35192E-03  472039.3 3775164.0   337.0     5.00     4.51
3.64     YES
 C3037174         0   0.35192E-03  472039.9 3775173.7   337.1     5.00     4.51
3.64     YES
 C3037175         0   0.35192E-03  472040.5 3775183.4   337.2     5.00     4.51
3.64     YES
 C3037176         0   0.35192E-03  472041.0 3775193.0   337.3     5.00     4.51
3.64     YES
 C3037177         0   0.35192E-03  472041.6 3775202.7   337.4     5.00     4.51
3.64     YES
 C3037178         0   0.35192E-03  472042.1 3775212.4   337.5     5.00     4.51
3.64     YES
 C3037179         0   0.35192E-03  472042.7 3775222.1   337.5     5.00     4.51
3.64     YES
 C3037180         0   0.35192E-03  472043.2 3775231.8   337.6     5.00     4.51
3.64     YES
 C3037181         0   0.35192E-03  472043.8 3775241.5   337.7     5.00     4.51
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3.64     YES
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3.64     YES
 C3037183         0   0.35192E-03  472037.7 3775257.2   338.0     5.00     4.51
3.64     YES
 C3037184         0   0.35192E-03  472029.6 3775262.6   338.2     5.00     4.51
3.64     YES
 C3037185         0   0.35192E-03  472023.7 3775269.1   338.3     5.00     4.51
3.64     YES
 C3037186         0   0.35192E-03  472023.9 3775278.8   338.4     5.00     4.51
3.64     YES
 C3037187         0   0.35192E-03  472024.1 3775288.5   338.5     5.00     4.51
3.64     YES
 C3037188         0   0.35192E-03  472024.3 3775298.2   338.6     5.00     4.51
3.64     YES
 C3037189         0   0.35192E-03  472024.6 3775307.9   338.7     5.00     4.51
3.64     YES
 C3037190         0   0.35192E-03  472024.8 3775317.6   338.7     5.00     4.51
3.64     YES
 C3037191         0   0.35192E-03  472025.0 3775327.3   338.8     5.00     4.51
3.64     YES
 C3037192         0   0.35192E-03  472025.3 3775337.0   338.9     5.00     4.51
3.64     YES
 C3037193         0   0.35192E-03  472025.5 3775346.7   339.0     5.00     4.51
3.64     YES
 C3037194         0   0.35192E-03  472025.7 3775356.4   339.1     5.00     4.51
3.64     YES
 C3037195         0   0.35192E-03  472025.9 3775366.1   339.2     5.00     4.51
3.64     YES
 C3037196         0   0.35192E-03  472026.2 3775375.8   339.4     5.00     4.51
3.64     YES
 C3037197         0   0.35192E-03  472026.4 3775385.5   339.5     5.00     4.51
3.64     YES
 C3037198         0   0.35192E-03  472026.6 3775395.1   339.6     5.00     4.51
3.64     YES
 C3037199         0   0.35192E-03  472026.8 3775404.8   339.7     5.00     4.51
3.64     YES
 C3037200         0   0.35192E-03  472018.7 3775409.2   339.8     5.00     4.51
3.64     YES
 C3037201         0   0.35192E-03  472009.8 3775413.0   339.9     5.00     4.51
3.64     YES
 C3037202         0   0.35192E-03  472000.9 3775416.8   340.1     5.00     4.51
3.64     YES
 C3037203         0   0.35192E-03  471991.9 3775420.6   340.2     5.00     4.51
3.64     YES
 C3037204         0   0.35192E-03  471995.4 3775427.6   340.2     5.00     4.51
3.64     YES
 C3037205         0   0.35192E-03  472001.3 3775435.3   340.2     5.00     4.51
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3.64     YES
 C3037206         0   0.35192E-03  472007.2 3775443.0   340.2     5.00     4.51
3.64     YES
 C3037207         0   0.35192E-03  472013.1 3775450.6   340.3     5.00     4.51
3.64     YES
 C3037208         0   0.35192E-03  472019.0 3775458.3   340.4     5.00     4.51
3.64     YES
 C3037209         0   0.35192E-03  472020.8 3775467.5   340.5     5.00     4.51
3.64     YES
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                     *** VOLUME SOURCE DATA ***

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

 C3037210         0   0.35192E-03  472020.8 3775477.2   340.6     5.00     4.51
3.64     YES
 C3037211         0   0.35192E-03  472020.9 3775486.9   340.8     5.00     4.51
3.64     YES
 C3037212         0   0.35192E-03  472021.0 3775496.6   340.8     5.00     4.51
3.64     YES
 C3037213         0   0.35192E-03  472021.0 3775506.3   340.9     5.00     4.51
3.64     YES
 C3037214         0   0.35192E-03  472021.1 3775516.0   340.9     5.00     4.51
3.64     YES
 C3037215         0   0.35192E-03  472021.2 3775525.7   341.0     5.00     4.51
3.64     YES
 C3037216         0   0.35192E-03  472021.2 3775535.4   341.1     5.00     4.51
3.64     YES
 C3037217         0   0.35192E-03  472021.3 3775545.1   341.1     5.00     4.51
3.64     YES
 C3037218         0   0.35192E-03  472021.4 3775554.8   341.2     5.00     4.51
3.64     YES
 C3037219         0   0.35192E-03  472021.4 3775564.5   341.4     5.00     4.51
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3.64     YES
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3.64     YES
 C3037221         0   0.35192E-03  472022.1 3775583.8   341.7     5.00     4.51
3.64     YES
 C3037222         0   0.35192E-03  472022.7 3775593.5   342.0     5.00     4.51
3.64     YES
 C3037223         0   0.35192E-03  472023.4 3775603.2   342.3     5.00     4.51
3.64     YES
 C3037224         0   0.35192E-03  472024.0 3775612.9   342.8     5.00     4.51
3.64     YES
 C3037225         0   0.35192E-03  472028.6 3775620.6   343.1     5.00     4.51
3.64     YES
 C3037226         0   0.35192E-03  472035.9 3775626.9   342.5     5.00     4.51
3.64     YES
 C3037227         0   0.35192E-03  472043.3 3775633.3   341.7     5.00     4.51
3.64     YES
 C3037228         0   0.35192E-03  472046.8 3775641.3   341.4     5.00     4.51
3.64     YES
 C3037229         0   0.35192E-03  472046.7 3775651.0   341.5     5.00     4.51
3.64     YES
 C3037230         0   0.35192E-03  472046.6 3775660.7   341.6     5.00     4.51
3.64     YES
 C3037231         0   0.35192E-03  472046.5 3775670.4   341.6     5.00     4.51
3.64     YES
 C3037232         0   0.35192E-03  472046.4 3775680.1   341.8     5.00     4.51
3.64     YES
 C3037233         0   0.35192E-03  472046.3 3775689.8   341.9     5.00     4.51
3.64     YES
 C3037234         0   0.35192E-03  472046.2 3775699.5   342.1     5.00     4.51
3.64     YES
 C3037235         0   0.35192E-03  472046.1 3775709.2   342.2     5.00     4.51
3.64     YES
 C3037236         0   0.35192E-03  472046.0 3775718.9   342.3     5.00     4.51
3.64     YES
 C3037237         0   0.35192E-03  472045.9 3775728.6   342.3     5.00     4.51
3.64     YES
 C3037238         0   0.35192E-03  472045.8 3775738.3   342.4     5.00     4.51
3.64     YES
 C3037239         0   0.35192E-03  472045.7 3775748.0   342.5     5.00     4.51
3.64     YES
 C3037240         0   0.35192E-03  472045.6 3775757.7   342.6     5.00     4.51
3.64     YES
 C3037241         0   0.35192E-03  472045.5 3775767.4   342.7     5.00     4.51
3.64     YES
 C3037242         0   0.35192E-03  472045.4 3775777.1   342.9     5.00     4.51
3.64     YES
 C3037243         0   0.35192E-03  472045.3 3775786.8   343.1     5.00     4.51
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3.64     YES
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3.64     YES
 C3037245         0   0.35192E-03  472045.1 3775806.2   343.5     5.00     4.51
3.64     YES
 C3037246         0   0.35192E-03  472045.0 3775815.9   343.7     5.00     4.51
3.64     YES
 C3037247         0   0.35192E-03  472044.9 3775825.6   343.9     5.00     4.51
3.64     YES
 C3037248         0   0.35192E-03  472044.8 3775835.3   344.0     5.00     4.51
3.64     YES
 C3037249         0   0.35192E-03  472044.7 3775845.0   344.0     5.00     4.51
3.64     YES
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                     *** VOLUME SOURCE DATA ***

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

 C3037250         0   0.35192E-03  472044.6 3775854.7   344.0     5.00     4.51
3.64     YES
 C3037251         0   0.35192E-03  472044.5 3775864.4   344.0     5.00     4.51
3.64     YES
 C3037252         0   0.35192E-03  472044.5 3775874.1   344.0     5.00     4.51
3.64     YES
 C3037253         0   0.35192E-03  472044.5 3775883.8   344.0     5.00     4.51
3.64     YES
 C3037254         0   0.35192E-03  472044.5 3775893.5   344.0     5.00     4.51
3.64     YES
 C3037255         0   0.35192E-03  472044.5 3775903.2   344.0     5.00     4.51
3.64     YES
 C3037256         0   0.35192E-03  472044.5 3775912.9   344.1     5.00     4.51
3.64     YES
 C3037257         0   0.35192E-03  472044.5 3775922.6   344.1     5.00     4.51
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3.64     YES
 C3037258         0   0.35192E-03  472044.5 3775932.3   344.1     5.00     4.51
3.64     YES
 C3037259         0   0.35192E-03  472044.5 3775942.0   344.2     5.00     4.51
3.64     YES
 C3037260         0   0.35192E-03  472044.5 3775951.7   344.2     5.00     4.51
3.64     YES
 C3037261         0   0.35192E-03  472044.5 3775961.4   344.3     5.00     4.51
3.64     YES
 C3037262         0   0.35192E-03  472044.5 3775971.1   344.4     5.00     4.51
3.64     YES
 C3037263         0   0.35192E-03  472044.5 3775980.8   344.4     5.00     4.51
3.64     YES
 C3037264         0   0.35192E-03  472044.5 3775990.5   344.5     5.00     4.51
3.64     YES
 C3037265         0   0.35192E-03  472044.5 3776000.2   344.6     5.00     4.51
3.64     YES
 C3037266         0   0.35192E-03  472044.2 3776009.8   344.7     5.00     4.51
3.64     YES
 C3037267         0   0.35192E-03  472038.3 3776017.6   345.1     5.00     4.51
3.64     YES
 C3037268         0   0.35192E-03  472032.5 3776025.3   345.2     5.00     4.51
3.64     YES
 C3037269         0   0.35192E-03  472026.7 3776033.1   345.4     5.00     4.51
3.64     YES
 C3037270         0   0.35192E-03  472023.6 3776041.7   345.5     5.00     4.51
3.64     YES
 C3037271         0   0.35192E-03  472023.9 3776051.4   345.6     5.00     4.51
3.64     YES
 C3037272         0   0.35192E-03  472024.1 3776061.1   345.7     5.00     4.51
3.64     YES
 C3037273         0   0.35192E-03  472024.4 3776070.8   345.7     5.00     4.51
3.64     YES
 C3037274         0   0.35192E-03  472024.6 3776080.5   345.8     5.00     4.51
3.64     YES
 C3037275         0   0.35192E-03  472024.9 3776090.2   345.8     5.00     4.51
3.64     YES
 C3037276         0   0.35192E-03  472025.1 3776099.9   345.9     5.00     4.51
3.64     YES
 C3037277         0   0.35192E-03  472025.4 3776109.6   345.9     5.00     4.51
3.64     YES
 C3037278         0   0.35192E-03  472025.6 3776119.3   346.0     5.00     4.51
3.64     YES
 C3037279         0   0.35192E-03  472025.9 3776129.0   346.0     5.00     4.51
3.64     YES
 C3037280         0   0.35192E-03  472026.1 3776138.7   346.1     5.00     4.51
3.64     YES
 C3037281         0   0.35192E-03  472026.6 3776148.4   346.1     5.00     4.51
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3.64     YES
 C3037282         0   0.35192E-03  472027.9 3776158.0   346.2     5.00     4.51
3.64     YES
 C3037283         0   0.35192E-03  472029.2 3776167.6   346.3     5.00     4.51
3.64     YES
 C3037284         0   0.35192E-03  472030.6 3776177.2   346.3     5.00     4.51
3.64     YES
 C3037285         0   0.35192E-03  472031.9 3776186.8   346.4     5.00     4.51
3.64     YES
 C3037286         0   0.35192E-03  472033.3 3776196.4   346.5     5.00     4.51
3.64     YES
 C3037287         0   0.35192E-03  472034.6 3776206.0   346.5     5.00     4.51
3.64     YES
 C3037288         0   0.35192E-03  472036.0 3776215.6   346.6     5.00     4.51
3.64     YES
 C3037289         0   0.35192E-03  472035.3 3776225.3   346.6     5.00     4.51
3.64     YES
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                     *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 C3037290         0   0.35192E-03  472034.3 3776234.9   346.6     5.00     4.51
3.64     YES
 C3037291         0   0.35192E-03  472033.3 3776244.6   346.6     5.00     4.51
3.64     YES
 C3037292         0   0.35192E-03  472032.4 3776254.2   346.6     5.00     4.51
3.64     YES
 C3037293         0   0.35192E-03  472031.4 3776263.9   346.4     5.00     4.51
3.64     YES
 C3037294         0   0.35192E-03  472030.5 3776273.5   346.3     5.00     4.51
3.64     YES
 C3037295         0   0.35192E-03  472029.5 3776283.2   346.3     5.00     4.51
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3.64     YES
 C3037296         0   0.35192E-03  472028.6 3776292.8   346.2     5.00     4.51
3.64     YES
 C3037297         0   0.35192E-03  472027.6 3776302.5   346.1     5.00     4.51
3.64     YES
 C3037298         0   0.35192E-03  472026.0 3776312.0   346.1     5.00     4.51
3.64     YES
 C3037299         0   0.35192E-03  472024.1 3776321.6   346.2     5.00     4.51
3.64     YES
 C3037300         0   0.35192E-03  472022.2 3776331.1   346.2     5.00     4.51
3.64     YES
 C3037301         0   0.35192E-03  472020.4 3776340.6   346.3     5.00     4.51
3.64     YES
 C3037302         0   0.35192E-03  472018.5 3776350.1   346.5     5.00     4.51
3.64     YES
 C3037303         0   0.35192E-03  472016.6 3776359.6   346.2     5.00     4.51
3.64     YES
 C3037304         0   0.35192E-03  472014.7 3776369.1   345.8     5.00     4.51
3.64     YES
 C3037305         0   0.35192E-03  472007.9 3776375.8   346.2     5.00     4.51
3.64     YES
 C3037306         0   0.35192E-03  472000.5 3776382.1   346.9     5.00     4.51
3.64     YES
 C3037307         0   0.35192E-03  471995.9 3776389.7   347.3     5.00     4.51
3.64     YES
 C3037308         0   0.35192E-03  471995.6 3776399.3   347.1     5.00     4.51
3.64     YES
 C3037309         0   0.35192E-03  471995.4 3776409.0   346.9     5.00     4.51
3.64     YES
 C3037310         0   0.35192E-03  471995.1 3776418.7   346.6     5.00     4.51
3.64     YES
 C3037311         0   0.35192E-03  471994.9 3776428.4   346.1     5.00     4.51
3.64     YES
 C3037312         0   0.35192E-03  471992.1 3776437.5   346.0     5.00     4.51
3.64     YES
 C3037313         0   0.35192E-03  471988.0 3776446.3   346.0     5.00     4.51
3.64     YES
 C3037314         0   0.35192E-03  471983.9 3776455.1   346.2     5.00     4.51
3.64     YES
 C3037315         0   0.35192E-03  471979.7 3776463.9   346.5     5.00     4.51
3.64     YES
 C3037316         0   0.35192E-03  471975.6 3776472.7   346.9     5.00     4.51
3.64     YES
 C3037317         0   0.35192E-03  471971.5 3776481.5   347.2     5.00     4.51
3.64     YES
 C3037318         0   0.35192E-03  471967.4 3776490.2   347.4     5.00     4.51
3.64     YES
 C3037319         0   0.35192E-03  471963.3 3776499.0   347.3     5.00     4.51
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3.64     YES
 C3037320         0   0.35192E-03  471959.2 3776507.8   347.4     5.00     4.51
3.64     YES
 C3037321         0   0.35192E-03  471955.1 3776516.6   347.5     5.00     4.51
3.64     YES
 C3037322         0   0.35192E-03  471950.9 3776525.4   347.7     5.00     4.51
3.64     YES
 C3037323         0   0.35192E-03  471946.8 3776534.2   348.0     5.00     4.51
3.64     YES
 C3037324         0   0.35192E-03  471942.7 3776542.9   348.1     5.00     4.51
3.64     YES
 C3037325         0   0.35192E-03  471938.6 3776551.7   348.0     5.00     4.51
3.64     YES
 C3037326         0   0.35192E-03  471934.5 3776560.5   347.9     5.00     4.51
3.64     YES
 C3037327         0   0.35192E-03  471930.4 3776569.3   348.1     5.00     4.51
3.64     YES
 C3037328         0   0.35192E-03  471926.2 3776578.1   348.3     5.00     4.51
3.64     YES
 C3037329         0   0.35192E-03  471919.5 3776580.7   348.8     5.00     4.51
3.64     YES
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                     *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 C3037330         0   0.35192E-03  471910.4 3776577.5   349.6     5.00     4.51
3.64     YES
 C3037331         0   0.35192E-03  471901.2 3776574.3   350.0     5.00     4.51
3.64     YES
 C3037332         0   0.35192E-03  471898.6 3776582.0   350.0     5.00     4.51
3.64     YES
 C3037333         0   0.35192E-03  471897.2 3776591.6   350.0     5.00     4.51
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3.64     YES
 C3037334         0   0.35192E-03  471895.7 3776601.2   349.9     5.00     4.51
3.64     YES
 C3037335         0   0.35192E-03  471894.2 3776610.8   349.7     5.00     4.51
3.64     YES
 C3037336         0   0.35192E-03  471892.8 3776620.4   349.4     5.00     4.51
3.64     YES
 C3037337         0   0.35192E-03  471886.4 3776627.6   349.5     5.00     4.51
3.64     YES
 C3037338         0   0.35192E-03  471879.7 3776634.6   349.9     5.00     4.51
3.64     YES
 C3037339         0   0.35192E-03  471873.0 3776641.6   350.2     5.00     4.51
3.64     YES
 C3037340         0   0.35192E-03  471866.4 3776648.6   350.3     5.00     4.51
3.64     YES
 C3037341         0   0.35192E-03  471859.7 3776655.6   350.4     5.00     4.51
3.64     YES
 C3037342         0   0.35192E-03  471853.0 3776662.7   350.7     5.00     4.51
3.64     YES
 C3037343         0   0.35192E-03  471846.3 3776669.7   351.0     5.00     4.51
3.64     YES
 C3037344         0   0.35192E-03  471839.6 3776676.7   351.1     5.00     4.51
3.64     YES
 C3037345         0   0.35192E-03  471832.9 3776683.7   351.2     5.00     4.51
3.64     YES
 C3037346         0   0.35192E-03  471826.2 3776690.7   351.4     5.00     4.51
3.64     YES
 C3037347         0   0.35192E-03  471819.5 3776697.7   351.6     5.00     4.51
3.64     YES
 C3037348         0   0.35192E-03  471812.8 3776704.8   351.8     5.00     4.51
3.64     YES
 C3037349         0   0.35192E-03  471806.1 3776711.8   351.8     5.00     4.51
3.64     YES
 C3037350         0   0.35192E-03  471799.4 3776718.8   352.0     5.00     4.51
3.64     YES
 C3037351         0   0.35192E-03  471792.7 3776725.8   352.2     5.00     4.51
3.64     YES
 C3037352         0   0.35192E-03  471785.4 3776732.1   352.4     5.00     4.51
3.64     YES
 C3037353         0   0.35192E-03  471777.7 3776738.1   352.5     5.00     4.51
3.64     YES
 C3037354         0   0.35192E-03  471770.1 3776744.1   352.7     5.00     4.51
3.64     YES
 C3037355         0   0.35192E-03  471762.5 3776750.1   352.8     5.00     4.51
3.64     YES
 C3037356         0   0.35192E-03  471754.8 3776756.0   353.0     5.00     4.51
3.64     YES
 C3037357         0   0.35192E-03  471747.2 3776762.0   353.1     5.00     4.51
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3.64     YES
 C3037358         0   0.35192E-03  471739.5 3776768.0   353.3     5.00     4.51
3.64     YES
 C3037359         0   0.35192E-03  471731.9 3776774.0   353.4     5.00     4.51
3.64     YES
 C3037360         0   0.35192E-03  471724.3 3776780.0   353.5     5.00     4.51
3.64     YES
 C3037361         0   0.35192E-03  471716.6 3776785.9   353.7     5.00     4.51
3.64     YES
 C3037362         0   0.35192E-03  471709.0 3776791.9   353.8     5.00     4.51
3.64     YES
 C3037363         0   0.35192E-03  471701.3 3776797.9   353.9     5.00     4.51
3.64     YES
 C3037364         0   0.35192E-03  471693.7 3776803.9   354.0     5.00     4.51
3.64     YES
 C3037365         0   0.35192E-03  471686.1 3776809.8   354.1     5.00     4.51
3.64     YES
 C3037366         0   0.35192E-03  471678.4 3776815.8   354.2     5.00     4.51
3.64     YES
 C3037367         0   0.35192E-03  471670.7 3776821.7   354.4     5.00     4.51
3.64     YES
 C3037368         0   0.35192E-03  471663.0 3776827.6   354.4     5.00     4.51
3.64     YES
 C3037369         0   0.35192E-03  471655.3 3776833.5   354.5     5.00     4.51
3.64     YES
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 C3037370         0   0.35192E-03  471647.7 3776839.5   354.6     5.00     4.51
3.64     YES
 C3037371         0   0.35192E-03  471640.0 3776845.4   354.8     5.00     4.51
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3.64     YES
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3.64     YES
 C3037373         0   0.35192E-03  471624.6 3776857.3   354.9     5.00     4.51
3.64     YES
 C3037374         0   0.35192E-03  471617.0 3776863.2   355.0     5.00     4.51
3.64     YES
 C3037375         0   0.35192E-03  471609.3 3776869.1   355.1     5.00     4.51
3.64     YES
 C3037376         0   0.35192E-03  471601.6 3776875.1   355.3     5.00     4.51
3.64     YES
 C3037377         0   0.35192E-03  471593.9 3776881.0   355.4     5.00     4.51
3.64     YES
 C3037378         0   0.35192E-03  471586.3 3776886.9   355.6     5.00     4.51
3.64     YES
 C3037379         0   0.35192E-03  471578.7 3776893.0   355.7     5.00     4.51
3.64     YES
 C3037380         0   0.35192E-03  471571.2 3776899.1   355.8     5.00     4.51
3.64     YES
 C3037381         0   0.35192E-03  471563.6 3776905.2   356.0     5.00     4.51
3.64     YES
 C3037382         0   0.35192E-03  471556.0 3776911.3   356.2     5.00     4.51
3.64     YES
 C3037383         0   0.35192E-03  471548.5 3776917.3   356.4     5.00     4.51
3.64     YES
 C3037384         0   0.35192E-03  471540.9 3776923.4   356.5     5.00     4.51
3.64     YES
 C3037385         0   0.35192E-03  471533.4 3776929.5   356.6     5.00     4.51
3.64     YES
 C3037386         0   0.35192E-03  471525.8 3776935.6   356.6     5.00     4.51
3.64     YES
 C3037387         0   0.35192E-03  471518.2 3776941.7   356.8     5.00     4.51
3.64     YES
 C3037388         0   0.35192E-03  471510.7 3776947.7   356.9     5.00     4.51
3.64     YES
 C3037389         0   0.35192E-03  471503.1 3776953.8   357.0     5.00     4.51
3.64     YES
 C3037390         0   0.35192E-03  471495.6 3776959.9   357.1     5.00     4.51
3.64     YES
 C3037391         0   0.35192E-03  471488.0 3776966.0   357.2     5.00     4.51
3.64     YES
 C3037392         0   0.35192E-03  471480.5 3776972.0   357.3     5.00     4.51
3.64     YES
 C3037393         0   0.35192E-03  471472.9 3776978.1   357.4     5.00     4.51
3.64     YES
 C3037394         0   0.35192E-03  471465.3 3776984.2   357.5     5.00     4.51
3.64     YES
 C3037395         0   0.35192E-03  471457.8 3776990.3   357.6     5.00     4.51
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3.64     YES
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3.64     YES
 C3037397         0   0.35192E-03  471442.7 3777002.4   357.9     5.00     4.51
3.64     YES
 C3037398         0   0.35192E-03  471435.1 3777008.5   358.0     5.00     4.51
3.64     YES
 C3037399         0   0.35192E-03  471427.5 3777014.6   358.1     5.00     4.51
3.64     YES
 C3037400         0   0.35192E-03  471420.0 3777020.7   358.2     5.00     4.51
3.64     YES
 C3037401         0   0.35192E-03  471412.4 3777026.8   358.3     5.00     4.51
3.64     YES
 C3037402         0   0.35192E-03  471404.9 3777032.8   358.4     5.00     4.51
3.64     YES
 C3037403         0   0.35192E-03  471397.3 3777038.9   358.5     5.00     4.51
3.64     YES
 C3037404         0   0.35192E-03  471389.8 3777045.0   358.6     5.00     4.51
3.64     YES
 C3037405         0   0.35192E-03  471382.2 3777051.1   358.7     5.00     4.51
3.64     YES
 C3037406         0   0.35192E-03  471374.6 3777057.1   358.8     5.00     4.51
3.64     YES
 C3037407         0   0.35192E-03  471367.0 3777063.2   359.0     5.00     4.51
3.64     YES
 C3037408         0   0.35192E-03  471359.4 3777069.2   359.1     5.00     4.51
3.64     YES
 C3037409         0   0.35192E-03  471351.8 3777075.2   359.2     5.00     4.51
3.64     YES
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -
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 C3037410          0   0.35192E-03  471344.2 3777081.3   359.4     5.00     4.51
3.64     YES
 C3037411          0   0.35192E-03  471336.6 3777087.3   359.5     5.00     4.51
3.64     YES
 C3037412          0   0.35192E-03  471329.1 3777093.3   359.6     5.00     4.51
3.64     YES
 C3037413          0   0.35192E-03  471321.5 3777099.4   359.8     5.00     4.51
3.64     YES
 C3037414          0   0.35192E-03  471313.9 3777105.4   359.9     5.00     4.51
3.64     YES
 C3037415          0   0.35192E-03  471306.3 3777111.5   360.1     5.00     4.51
3.64     YES
 C3037416          0   0.35192E-03  471298.7 3777117.5   360.2     5.00     4.51
3.64     YES
 C3037417          0   0.35192E-03  471291.1 3777123.5   360.3     5.00     4.51
3.64     YES
 C3037418          0   0.35192E-03  471283.5 3777129.6   360.5     5.00     4.51
3.64     YES
 C3037419          0   0.35192E-03  471275.9 3777135.6   360.6     5.00     4.51
3.64     YES
 C3037420          0   0.35192E-03  471268.3 3777141.6   360.8     5.00     4.51
3.64     YES
 C3037421          0   0.35192E-03  471260.7 3777147.7   360.9     5.00     4.51
3.64     YES
 C3037422          0   0.35192E-03  471253.1 3777153.7   361.0     5.00     4.51
3.64     YES
 C3037423          0   0.35192E-03  471245.5 3777159.8   361.2     5.00     4.51
3.64     YES
 C3037424          0   0.35192E-03  471237.9 3777165.8   361.3     5.00     4.51
3.64     YES
 C3037425          0   0.35192E-03  471230.4 3777171.8   361.5     5.00     4.51
3.64     YES
 C3037426          0   0.35192E-03  471222.8 3777177.9   361.6     5.00     4.51
3.64     YES
 C3037427          0   0.35192E-03  471215.2 3777183.9   361.8     5.00     4.51
3.64     YES
 C3037428          0   0.35192E-03  471207.6 3777189.9   361.9     5.00     4.51
3.64     YES
 C3037429          0   0.35192E-03  471199.9 3777195.9   362.1     5.00     4.51
3.64     YES
 C3037430          0   0.35192E-03  471192.3 3777201.8   362.2     5.00     4.51
3.64     YES
 C3037431          0   0.35192E-03  471184.6 3777207.8   362.4     5.00     4.51
3.64     YES
 C3037432          0   0.35192E-03  471176.9 3777213.7   362.6     5.00     4.51
3.64     YES
 C3037433          0   0.35192E-03  471169.2 3777219.6   362.7     5.00     4.51
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3.64     YES
 C3037434         0   0.35192E-03  471161.5 3777225.5   362.9     5.00     4.51
3.64     YES
 C3037435         0   0.35192E-03  471153.8 3777231.4   363.0     5.00     4.51
3.64     YES
 C3037436         0   0.35192E-03  471146.1 3777237.3   363.2     5.00     4.51
3.64     YES
 C3037437         0   0.35192E-03  471138.5 3777243.3   363.4     5.00     4.51
3.64     YES
 C3037438         0   0.35192E-03  471130.8 3777249.2   363.6     5.00     4.51
3.64     YES
 C3037439         0   0.35192E-03  471123.1 3777255.1   363.8     5.00     4.51
3.64     YES
 C3037440         0   0.35192E-03  471115.4 3777261.0   363.9     5.00     4.51
3.64     YES
 C3037441         0   0.35192E-03  471107.7 3777266.9   364.1     5.00     4.51
3.64     YES
 C3037442         0   0.35192E-03  471100.0 3777272.9   364.4     5.00     4.51
3.64     YES
 C3037443         0   0.35192E-03  471092.3 3777278.8   364.6     5.00     4.51
3.64     YES
 C3037444         0   0.35192E-03  471084.7 3777284.7   364.7     5.00     4.51
3.64     YES
 C3037445         0   0.35192E-03  471077.0 3777290.6   364.9     5.00     4.51
3.64     YES
 C3037446         0   0.35192E-03  471069.3 3777296.5   365.1     5.00     4.51
3.64     YES
 C3037447         0   0.35192E-03  471061.6 3777302.4   365.2     5.00     4.51
3.64     YES
 C3037448         0   0.35192E-03  471053.9 3777308.4   365.4     5.00     4.51
3.64     YES
 C3037449         0   0.35192E-03  471046.2 3777314.3   365.6     5.00     4.51
3.64     YES
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
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     ID         CATS.                (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
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3.64     YES
 C3037452         0   0.35192E-03  471023.7 3777332.7   366.1     5.00     4.51
3.64     YES
 C3037453         0   0.35192E-03  471016.4 3777339.1   366.2     5.00     4.51
3.64     YES
 C3037454         0   0.35192E-03  471009.1 3777345.5   366.4     5.00     4.51
3.64     YES
 C3037455         0   0.35192E-03  471001.8 3777351.9   366.5     5.00     4.51
3.64     YES
 C3037456         0   0.35192E-03  470994.5 3777358.2   366.7     5.00     4.51
3.64     YES
 C3037457         0   0.35192E-03  470987.2 3777364.6   366.9     5.00     4.51
3.64     YES
 C3037458         0   0.35192E-03  470979.9 3777371.0   367.1     5.00     4.51
3.64     YES
 C3037459         0   0.35192E-03  470972.6 3777377.4   367.3     5.00     4.51
3.64     YES
 C3037460         0   0.35192E-03  470965.3 3777383.8   367.4     5.00     4.51
3.64     YES
 C3037461         0   0.35192E-03  470958.0 3777390.2   367.6     5.00     4.51
3.64     YES
 C3037462         0   0.35192E-03  470950.7 3777396.6   367.8     5.00     4.51
3.64     YES
 C3037463         0   0.35192E-03  470943.4 3777403.0   368.0     5.00     4.51
3.64     YES
 C3037464         0   0.35192E-03  470936.1 3777409.3   368.2     5.00     4.51
3.64     YES
 C3037465         0   0.35192E-03  470928.8 3777415.7   368.4     5.00     4.51
3.64     YES
 C3037466         0   0.35192E-03  470921.5 3777422.1   368.5     5.00     4.51
3.64     YES
 C3037467         0   0.35192E-03  470914.5 3777428.8   368.7     5.00     4.51
3.64     YES
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3.64     YES
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3.64     YES
 C3037470         0   0.35192E-03  470893.9 3777449.4   369.3     5.00     4.51
3.64     YES
 C3037471         0   0.35192E-03  470887.1 3777456.3   369.5     5.00     4.51
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3.64     YES
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3.64     YES
 C3037473         0   0.35192E-03  470873.3 3777470.0   369.9     5.00     4.51
3.64     YES
 C3037474         0   0.35192E-03  470866.5 3777476.8   370.2     5.00     4.51
3.64     YES
 C3037475         0   0.35192E-03  470859.6 3777483.7   370.4     5.00     4.51
3.64     YES
 C3037476         0   0.35192E-03  470852.8 3777490.5   370.5     5.00     4.51
3.64     YES
 C3037477         0   0.35192E-03  470845.9 3777497.4   370.7     5.00     4.51
3.64     YES
 C3037478         0   0.35192E-03  470839.0 3777504.3   371.0     5.00     4.51
3.64     YES
 C3037479         0   0.35192E-03  470832.2 3777511.1   371.2     5.00     4.51
3.64     YES
 C3037480         0   0.35192E-03  470825.3 3777518.0   371.2     5.00     4.51
3.64     YES
 C3037481         0   0.35192E-03  470818.5 3777524.8   371.1     5.00     4.51
3.64     YES
 C3037482         0   0.35192E-03  470811.6 3777531.7   371.5     5.00     4.51
3.64     YES
 C3037483         0   0.35192E-03  470804.7 3777538.5   371.8     5.00     4.51
3.64     YES
 C3037484         0   0.35192E-03  470797.9 3777545.4   371.8     5.00     4.51
3.64     YES
 C3037485         0   0.35192E-03  470791.0 3777552.3   371.5     5.00     4.51
3.64     YES
 C3037486         0   0.35192E-03  470784.2 3777559.1   372.0     5.00     4.51
3.64     YES
 C3037487         0   0.35192E-03  470777.3 3777566.0   372.4     5.00     4.51
3.64     YES
 C3037488         0   0.35192E-03  470770.4 3777572.8   372.5     5.00     4.51
3.64     YES
 C3037489         0   0.35192E-03  470763.8 3777579.9   372.4     5.00     4.51
3.64     YES
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        08:39:22

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***
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                NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 C3037490         0   0.35192E-03  470757.5 3777587.3   372.9     5.00     4.51
3.64     YES
 C3037491         0   0.35192E-03  470751.2 3777594.7   374.0     5.00     4.51
3.64     YES
 C3037492         0   0.35192E-03  470745.0 3777602.1   374.9     5.00     4.51
3.64     YES
 C3037493         0   0.35192E-03  470738.7 3777609.4   375.5     5.00     4.51
3.64     YES
 C3037494         0   0.35192E-03  470732.4 3777616.8   375.6     5.00     4.51
3.64     YES
 C3037495         0   0.35192E-03  470726.1 3777624.2   375.9     5.00     4.51
3.64     YES
 C3037496         0   0.35192E-03  470719.8 3777631.6   375.8     5.00     4.51
3.64     YES
 C3037497         0   0.35192E-03  470713.5 3777639.0   375.4     5.00     4.51
3.64     YES
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3.64     YES
 C3037499         0   0.35192E-03  470700.9 3777653.8   375.7     5.00     4.51
3.64     YES
 C3037500         0   0.35192E-03  470694.6 3777661.1   375.6     5.00     4.51
3.64     YES
 C3037501         0   0.35192E-03  470688.4 3777668.5   375.4     5.00     4.51
3.64     YES
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3.64     YES
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3.64     YES
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3.64     YES
 C3037505         0   0.35192E-03  470663.2 3777698.1   375.7     5.00     4.51
3.64     YES
 C3037506         0   0.35192E-03  470656.9 3777705.5   375.9     5.00     4.51
3.64     YES
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3.64     YES
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3.64     YES
 C4037509         0   0.34865E-03  469156.6 3779592.2   424.1     5.00     4.51
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3.64     YES
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3.64     YES
 C4037512         0   0.34865E-03  469138.7 3779615.2   424.6     5.00     4.51
3.64     YES
 C4037513         0   0.34865E-03  469132.8 3779622.9   424.9     5.00     4.51
3.64     YES
 C4037514         0   0.34865E-03  469126.8 3779630.5   425.1     5.00     4.51
3.64     YES
 C4037515         0   0.34865E-03  469120.9 3779638.2   425.3     5.00     4.51
3.64     YES
 C4037516         0   0.34865E-03  469114.9 3779645.9   425.5     5.00     4.51
3.64     YES
 C4037517         0   0.34865E-03  469109.0 3779653.5   425.6     5.00     4.51
3.64     YES
 C4037518         0   0.34865E-03  469103.0 3779661.2   425.8     5.00     4.51
3.64     YES
 C4037519         0   0.34865E-03  469097.1 3779668.8   426.0     5.00     4.51
3.64     YES
 C4037520         0   0.34865E-03  469091.1 3779676.5   426.2     5.00     4.51
3.64     YES
 C4037521         0   0.34865E-03  469085.2 3779684.2   426.4     5.00     4.51
3.64     YES
 C4037522         0   0.34865E-03  469079.2 3779691.8   426.5     5.00     4.51
3.64     YES
 C4037523         0   0.34865E-03  469073.3 3779699.5   426.6     5.00     4.51
3.64     YES
 C4037524         0   0.34865E-03  469067.3 3779707.1   426.8     5.00     4.51
3.64     YES
 C4037525         0   0.34865E-03  469061.4 3779714.8   426.9     5.00     4.51
3.64     YES
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3.64     YES
 C4037527         0   0.34865E-03  469049.3 3779730.0   427.1     5.00     4.51
3.64     YES
 C4037528         0   0.34865E-03  469043.3 3779737.6   427.3     5.00     4.51
3.64     YES
 C4037529         0   0.34865E-03  469037.3 3779745.2   427.4     5.00     4.51
3.64     YES
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                         ***       08:39:22

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 C4037530         0   0.34865E-03  469031.2 3779752.8   427.6     5.00     4.51
3.64     YES
 C4037531         0   0.34865E-03  469025.2 3779760.4   427.7     5.00     4.51
3.64     YES
 C4037532         0   0.34865E-03  469019.2 3779768.0   427.9     5.00     4.51
3.64     YES
 C4037533         0   0.34865E-03  469013.2 3779775.6   428.1     5.00     4.51
3.64     YES
 C4037534         0   0.34865E-03  469007.1 3779783.2   428.3     5.00     4.51
3.64     YES
 C4037535         0   0.34865E-03  469001.1 3779790.8   428.4     5.00     4.51
3.64     YES
 C4037536         0   0.34865E-03  468995.1 3779798.4   428.6     5.00     4.51
3.64     YES
 C4037537         0   0.34865E-03  468989.0 3779806.0   428.8     5.00     4.51
3.64     YES
 C4037538         0   0.34865E-03  468983.0 3779813.6   429.0     5.00     4.51
3.64     YES
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        08:39:22

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS
***

 SRCGROUP ID                                                SOURCE IDs
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*** AERMOD - VERSION 19191 *** *** Construction CO
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS
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*** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** SOURCE IDs DEFINING SOURCE GROUPS
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 *** AERMOD - VERSION  19191 ***   *** Construction CO
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS
***

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                         *** SOURCE IDs DEFINED AS URBAN SOURCES
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*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINED AS URBAN SOURCES
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		C3037482 , C3037483 , C3037484 , C3037485 , C3037486 , C3037487 , C3037488 , C3037489 ,
		C3037490 , C3037491 , C3037492 , C3037493 , C3037494 , C3037495 , C3037496 , C3037497 ,
		C3037498 , C3037499 , C3037500 , C3037501 , C3037502 , C3037503 , C3037504 , C3037505 ,
		C3037506 , C3037507 , C4037508 , C4037509 , C4037510 , C4037511 , C4037512 , C4037513 ,
		C4037514 , C4037515 , C4037516 , C4037517 , C4037518 , C4037519 , C4037520 , C4037521 ,
		C4037522 , C4037523 , C4037524 , C4037525 , C4037526 , C4037527 , C4037528 , C4037529 ,

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            C4037530    , C4037531    , C4037532    , C4037533    , C4037534    ,
C4037535    , C4037536    , C4037537    ,

            C4037538    ,
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
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                                  PAGE  23
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                       *** GRIDDED RECEPTOR NETWORK SUMMARY ***

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

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

       471773.4,  471823.4,  471873.4,  471923.4,  471973.4,  472023.4,

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

      3774152.4, 3774202.4, 3774252.4, 3774302.4, 3774352.4, 3774402.4, 3774452.4,
3774502.4, 3774552.4, 3774602.4,
      3774652.4, 3774702.4, 3774752.4, 3774802.4, 3774852.4, 3774902.4, 3774952.4,
3775002.4, 3775052.4, 3775102.4,
      3775152.4, 3775202.4, 3775252.4, 3775302.4, 3775352.4, 3775402.4, 3775452.4,
3775502.4, 3775552.4, 3775602.4,
      3775652.4, 3775702.4, 3775752.4, 3775802.4, 3775852.4, 3775902.4, 3775952.4,
3776002.4, 3776052.4, 3776102.4,

↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

                                                 * ELEVATION HEIGHTS IN METERS *
```

Y-COORD (METERS)	X-COORD (METERS) 471773.42	471823.42	471873.42	471923.42	471973.42	472023.42
3776102.42	348.00	347.60	347.10	346.60	346.10	345.90
3776052.42	347.60	347.30	346.90	346.40	346.00	345.60
3776002.42	347.10	346.90	346.60	346.30	345.70	345.20
3775952.42	346.50	346.30	346.10	345.70	345.30	344.90
3775902.42	346.20	345.90	345.60	345.40	345.20	344.60
3775852.42	345.70	345.40	345.10	344.80	344.70	344.40
3775802.42	345.30	345.00	344.60	344.30	344.20	344.00
3775752.42	344.80	344.50	344.10	343.80	343.60	343.40
3775702.42	344.40	344.10	343.70	343.40	343.10	342.90
3775652.42	343.90	344.10	344.90	346.50	348.50	345.10
3775602.42	343.50	343.30	343.00	342.90	343.10	342.30
3775552.42	342.90	342.60	342.10	341.80	341.50	341.20
3775502.42	342.40	342.10	341.80	341.50	341.10	340.90
3775452.42	341.80	341.50	341.20	340.90	340.50	340.30
3775402.42	341.40	341.20	340.90	340.60	340.20	339.70
3775352.42	340.80	340.60	340.20	339.90	339.60	339.10
3775302.42	340.30	340.00	339.70	339.50	339.10	338.60
3775252.42	339.70	339.30	339.00	338.80	338.50	338.10
3775202.42	339.30	338.80	338.60	338.30	338.00	337.70
3775152.42	338.80	338.40	338.10	337.80	337.40	337.20
3775102.42	338.40	338.00	337.60	337.50	337.00	336.80

3775052.42	337.90	337.40	337.20	337.50	338.00
337.00					
3775002.42	337.60	337.10	336.90	337.20	338.50
337.00					
3774952.42	337.20	336.80	336.50	336.00	335.60
335.40					
3774902.42	336.90	336.40	336.10	335.50	335.20
334.80					
3774852.42	336.60	336.10	335.70	335.10	334.70
334.30					
3774802.42	336.20	335.70	335.30	334.70	334.30
334.00					
3774752.42	335.90	335.40	335.10	334.50	334.10
333.60					
3774702.42	335.50	335.10	334.90	334.30	333.90
333.30					
3774652.42	335.10	334.70	334.40	334.00	333.70
333.10					
3774602.42	334.60	334.10	333.90	333.50	333.20
332.60					
3774552.42	334.30	333.80	333.60	333.10	332.90
332.30					
3774502.42	333.80	333.30	332.90	332.50	332.30
331.80					
3774452.42	333.50	332.90	332.50	331.90	331.80
331.40					
3774402.42	332.80	332.40	331.90	331.50	331.20
330.90					
3774352.42	332.30	331.90	331.60	331.10	330.70
330.40					
3774302.42	331.70	331.30	331.00	330.60	330.20
329.90					
3774252.42	331.40	330.80	331.50	332.00	330.90
329.40					
3774202.42	330.70	330.70	332.80	336.00	334.40
329.00					
3774152.42	330.70	330.40	330.20	330.70	330.20
328.80					

*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471773.42	471823.42	471873.42	471923.42	471973.42	472023.42
3776102.42	348.00	347.60	347.10	346.60	346.10	345.90
3776052.42	347.60	347.30	346.90	346.40	346.00	345.60
3776002.42	347.10	346.90	346.60	346.30	345.70	345.20
3775952.42	346.50	346.30	346.10	345.70	345.30	344.90
3775902.42	346.20	345.90	345.60	345.40	345.20	344.60
3775852.42	345.70	345.40	345.10	344.80	344.70	344.40
3775802.42	345.30	345.00	344.60	344.30	344.20	344.00
3775752.42	344.80	344.50	344.10	343.80	343.60	343.40
3775702.42	344.40	344.10	343.70	343.40	350.60	350.60
3775652.42	343.90	344.10	344.90	348.60	350.60	350.60
3775602.42	343.50	343.30	343.00	350.60	350.60	350.60
3775552.42	342.90	342.60	342.10	341.80	350.60	341.20
3775502.42	342.40	342.10	341.80	341.50	341.10	340.90
3775452.42	341.80	341.50	341.20	340.90	340.50	340.30
3775402.42	341.40	341.20	340.90	340.60	340.20	339.70
3775352.42	340.80	340.60	340.20	339.90	339.60	339.10
3775302.42	340.30	340.00	339.70	339.50	339.10	338.60
3775252.42	339.70	339.30	339.00	338.80	338.50	338.10
3775202.42	339.30	338.80	338.60	338.30	338.00	337.70
3775152.42	338.80	338.40	338.10	337.80	337.40	

```
 337.20
3775102.42 |        338.40       338.00       337.60       337.50       337.00
 336.80
3775052.42 |        337.90       337.40       337.20       337.50       342.30
 342.30
3775002.42 |        337.60       337.10       336.90       337.20       342.30
 342.30
3774952.42 |        337.20       336.80       336.50       336.00       335.60
 335.40
3774902.42 |        336.90       336.40       336.10       335.50       335.20
 334.80
3774852.42 |        336.60       336.10       335.70       335.10       334.70
 334.30
3774802.42 |        336.20       335.70       335.30       334.70       334.30
 334.00
3774752.42 |        335.90       335.40       335.10       334.50       334.10
 333.60
3774702.42 |        335.50       335.10       334.90       334.30       333.90
 333.30
3774652.42 |        335.10       334.70       334.40       334.00       333.70
 333.10
3774602.42 |        334.60       334.10       333.90       333.50       333.20
 332.60
3774552.42 |        334.30       333.80       333.60       333.10       332.90
 332.30
3774502.42 |        333.80       333.30       332.90       332.50       332.30
 331.80
3774452.42 |        333.50       332.90       332.50       331.90       331.80
 331.40
3774402.42 |        332.80       332.40       331.90       331.50       331.20
 330.90
3774352.42 |        332.30       331.90       331.60       331.10       330.70
 330.40
3774302.42 |        331.70       331.30       331.00       330.60       330.20
 329.90
3774252.42 |        331.40       330.80       331.50       336.80       337.30
 336.80
3774202.42 |        330.70       330.70       332.80       336.00       337.30
 337.30
3774152.42 |        330.70       330.40       330.20       337.30       337.30
 337.30
*** AERMOD - VERSION  19191 ***   *** Construction CO
                        ***        06/23/20
*** AERMET - VERSION  16216 ***   ***
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*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART2 ; NETWORK TYPE:
GRIDCART ***

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

471764.5, 471814.5, 471864.5, 471914.5, 471964.5, 472014.5,

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

3776102.8, 3776152.8, 3776202.8, 3776252.8, 3776302.8,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART2 ; NETWORK TYPE:
GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471764.54	471814.54	471864.54	471914.54	471964.54	472014.54
3776302.75	349.90	349.30	348.70	347.90	347.30	347.30
3776252.75	349.40	348.80	348.20	347.60	347.00	346.90
3776202.75	349.00	348.40	347.90	347.50	346.70	346.50
3776152.75	348.50	347.90	347.50	347.00	346.40	346.20
3776102.75	348.10	347.70	347.20	346.70	346.10	346.00

*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471764.54	471814.54	471864.54	471914.54	471964.54	472014.54
3776302.75	349.90	349.30	348.70	347.90	347.30	347.30
3776252.75	349.40	348.80	348.20	347.60	347.00	346.90
3776202.75	349.00	348.40	347.90	347.50	346.70	346.50
3776152.75	348.50	347.90	347.50	347.00	346.40	346.20
3776102.75	348.10	347.70	347.20	346.70	346.10	346.00

*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART ***

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

471756.6, 471806.6, 471856.6, 471906.6, 471956.6, 472006.6,

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

3776304.7, 3776354.7, 3776404.7, 3776454.7, 3776504.7,

*** AERMOD - VERSION 19191 *** *** Construction CO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471756.60	471806.60	471856.60	471906.60	471956.60	472006.60
3776504.71	351.30	350.60	350.10	349.40	347.80	344.40
3776454.71	351.10	350.60	350.50	350.50	349.40	343.80
3776404.71	350.80	350.20	350.20	351.40	349.60	345.10
3776354.71	350.30	349.70	349.00	348.30	347.80	347.00
3776304.71	350.00	349.40	348.80	348.00	347.40	347.20

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471756.60	471806.60	471856.60	471906.60	471956.60	472006.60
3776504.71	351.30	350.60	350.10	349.40	349.50	

```
   353.50
  3776454.71 |        351.10       350.60       350.50       350.50       349.40
   352.00
  3776404.71 |        350.80       350.20       350.20       352.50       352.00
   352.00
  3776354.71 |        350.30       349.70       349.00       348.30       347.80
   347.00
  3776304.71 |        350.00       349.40       348.80       348.00       347.40
   347.20
```



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                                        *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                   *** NETWORK ID: UCART4   ;  NETWORK TYPE:
GRIDCART ***

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

       471664.5,  471714.5,  471764.5,  471814.5,  471864.5,  471914.5,

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

      3776503.9, 3776553.9, 3776603.9, 3776653.9,
```



```
                                   *** NETWORK ID: UCART4   ;  NETWORK TYPE:
GRIDCART ***

                                              * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471664.52    471714.52    471764.52    471814.52    471864.52
471914.52
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

- -

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  3776653.93 |        353.40       352.80       352.20       351.60       350.30
   349.30
  3776603.93 |        353.10       352.50       351.90       351.20       350.70
   348.30
  3776553.93 |        352.80       352.20       351.50       350.90       350.40
   349.90
  3776503.93 |        352.60       352.00       351.20       350.50       350.00
   349.30
```


*** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

```
    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471664.52    471714.52    471764.52    471814.52    471864.52
471914.52
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

  3776653.93 |        353.40       352.80       352.20       351.60       350.30
   349.30
  3776603.93 |        353.10       352.50       351.90       351.20       350.70
   348.30
  3776553.93 |        352.80       352.20       351.50       350.90       350.40
   349.90
  3776503.93 |        352.60       352.00       351.20       350.50       350.00
   349.30
```


*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART5 ; NETWORK TYPE:

GRIDCART ***

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

471554.3, 471604.3, 471654.3,

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

3776559.2, 3776609.2, 3776659.2, 3776709.2, 3776759.2,
*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART5 ; NETWORK TYPE:
GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471554.26	471604.26	471654.26
3776759.20	355.30	354.70	354.20
3776709.20	355.00	354.50	353.90
3776659.20	354.70	354.10	353.60
3776609.20	354.30	353.80	353.30
3776559.20	354.00	353.50	353.00

*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART5 ; NETWORK TYPE:
GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD | X-COORD (METERS)

```
    (METERS) |     471554.26    471604.26    471654.26
 - - -
```

- -

3776922.78	358.80	358.10	357.30	357.00	356.40
3776872.78	358.30	357.70	356.90	358.10	358.40
3776822.78	358.00	357.40	356.70	357.50	357.40
3776772.78	357.70	357.10	356.50	356.10	356.00
3776722.78	357.50	356.90	356.30	355.70	355.20
3776672.78	357.50	356.70	356.10	355.50	354.90
3776622.78	356.90	356.40	355.90	355.10	354.50
3776572.78	356.50	355.90	355.50	354.80	354.20

*** NETWORK ID: UCART6 ; NETWORK TYPE:
GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471343.73	471393.73	471443.73	471493.73	471543.73
3776922.78	358.80	358.10	357.30	357.00	356.40
3776872.78	358.30	357.70	356.90	359.50	360.40
3776822.78	358.00	357.40	356.70	360.10	360.50
3776772.78	357.70	357.10	356.50	356.10	356.00
3776722.78	357.50	356.90	356.30	355.70	355.20
3776672.78	357.50	356.70	356.10	355.50	354.90
3776622.78	356.90	356.40	355.90	355.10	354.50
3776572.78	356.50	355.90	355.50	354.80	354.20

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART7 ; NETWORK TYPE:
GRIDCART ***

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

471137.3, 471187.3, 471237.3, 471287.3, 471337.3,

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

3776755.9, 3776805.9, 3776855.9, 3776905.9, 3776955.9, 3777005.9,

*** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471137.27	471187.27	471237.27	471287.27	471337.27
3777005.91	361.50	360.80	360.10	359.60	358.90
3776955.91	361.50	360.90	360.20	359.70	358.90
3776905.91	361.30	360.60	359.80	359.30	358.70
3776855.91	361.00	360.30	359.60	359.00	358.30
3776805.91	360.70	360.10	359.30	358.70	358.00
3776755.91	360.50	359.70	359.10	358.50	357.80

*** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD | X-COORD (METERS)

```
    (METERS) |     471137.27    471187.27    471237.27    471287.27    471337.27
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

  3777005.91 |        361.50       360.80       360.10       359.60       358.90
  3776955.91 |        361.50       360.90       360.20       359.70       358.90
  3776905.91 |        361.30       360.60       359.80       359.30       358.70
  3776855.91 |        361.00       360.30       359.60       359.00       358.30
  3776805.91 |        360.70       360.10       359.30       358.70       358.00
  3776755.91 |        360.50       359.70       359.10       358.50       357.80
```



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                                        *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                   *** NETWORK ID: UCART8   ;  NETWORK TYPE:
GRIDCART ***

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

       471025.8,  471075.8,  471125.8,  471175.8,  471225.8,  471275.8,

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

      3777013.8, 3777063.8, 3777113.8,
```



```
                                   *** NETWORK ID: UCART8   ;  NETWORK TYPE:
GRIDCART ***

                                             * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471025.84    471075.84    471125.84    471175.84    471225.84
471275.84
```

- - - -

(METERS)

471071.4, 471121.4, 471171.4, 471221.4,

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

3777120.7, 3777170.7, 3777220.7,

*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART9 ; NETWORK TYPE:
GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471071.36	471121.36	471171.36	471221.36
3777220.72	363.50	363.10	362.70	362.10
3777170.72	363.00	362.60	361.80	361.50
3777120.72	362.70	361.80	361.30	360.70

*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

PAGE 49
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART9 ; NETWORK TYPE:
GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471071.36	471121.36	471171.36	471221.36
3777220.72	363.50	363.10	362.70	362.10

```
  3777170.72 |        363.00       362.60       361.80       361.50
  3777120.72 |        362.70       361.80       361.30       360.70
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        08:39:22

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                        *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                    *** NETWORK ID: UCART10  ;  NETWORK TYPE:
GRIDCART ***

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

       470606.5,  470656.5,  470706.5,  470756.5,  470806.5,  470856.5,  470906.5,
470956.5,  471006.5,  471056.5,


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

      3777052.6, 3777102.6, 3777152.6, 3777202.6, 3777252.6,
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        08:39:22

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                    *** NETWORK ID: UCART10  ;  NETWORK TYPE:
GRIDCART ***

                                              * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     470606.55    470656.55    470706.55    470756.55    470806.55
470856.55    470906.55    470956.55    471006.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

  3777252.65 |        369.40       368.60       367.70       367.30       367.00
   367.20       367.30       368.10       366.50
  3777202.65 |        369.10       368.10       367.40       366.80       366.10
```

```
   365.80       365.10       364.50       363.90
  3777152.65 |        368.40       367.50       366.90       366.30       365.80
   365.40       364.70       364.10       363.60
  3777102.65 |        368.30       367.30       366.90       366.30       365.60
   365.10       364.60       364.10       363.40
  3777052.65 |        367.90       367.10       366.80       366.20       365.50
   365.00       364.50       363.90       363.20
```

```
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** NETWORK ID: UCART10  ;  NETWORK TYPE:
GRIDCART ***

                                            * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     471056.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3777252.65 |        364.40
  3777202.65 |        363.40
  3777152.65 |        363.10
  3777102.65 |        362.90
  3777052.65 |        362.80
```

```
  3777252.65 |        369.40       368.60       367.70       367.30       367.00
   367.20       370.30       371.80       371.60
  3777202.65 |        369.10       368.10       367.40       366.80       366.10
   365.80       365.10       364.50       363.90
  3777152.65 |        368.40       367.50       366.90       366.30       365.80
   365.40       364.70       364.10       363.60
  3777102.65 |        368.30       367.30       366.90       366.30       365.60
   365.10       364.60       364.10       363.40
  3777052.65 |        367.90       367.10       366.80       366.20       365.50
   365.00       364.50       363.90       363.20
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        08:39:22

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                 *** NETWORK ID: UCART10  ;  NETWORK TYPE:
GRIDCART ***

                                              * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     471056.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3777252.65 |        364.40
  3777202.65 |        363.40
  3777152.65 |        363.10
  3777102.65 |        362.90
  3777052.65 |        362.80
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        08:39:22

                                   PAGE  55
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                       *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                 *** NETWORK ID: UCART11  ;  NETWORK TYPE:
GRIDCART ***

                                         *** X-COORDINATES OF GRID ***
```

(METERS)

470270.0, 470320.0, 470370.0, 470420.0,

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

3777304.4, 3777354.4, 3777404.4, 3777454.4, 3777504.4, 3777554.4,

*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART11 ; NETWORK TYPE:
GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 470269.99	470319.99	470369.99	470419.99
3777554.36	376.20	375.30	374.70	374.10
3777504.36	375.80	375.10	374.30	373.60
3777454.36	375.30	374.70	373.80	373.10
3777404.36	374.80	374.00	373.30	372.50
3777354.36	374.10	373.50	372.80	372.00
3777304.36	373.60	373.00	372.30	371.70

*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART11 ; NETWORK TYPE:
GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

| Y-COORD (METERS) | X-COORD (METERS) 470269.99 | 470319.99 | 470369.99 | 470419.99 |

- -

```
  3777554.36 |        376.20       375.30       374.70       374.10
  3777504.36 |        375.80       375.10       374.30       373.60
  3777454.36 |        375.30       374.70       373.80       373.10
  3777404.36 |        374.80       374.00       373.30       372.50
  3777354.36 |        374.10       373.50       372.80       372.00
  3777304.36 |        373.60       373.00       372.30       371.70
```


*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART12 ; NETWORK TYPE: GRIDCART ***

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

468710.7, 468760.7, 468810.7, 468860.7, 468910.7, 468960.7, 469010.7, 469060.7,

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

3779313.0, 3779363.0, 3779413.0, 3779463.0, 3779513.0, 3779563.0, 3779613.0, 3779663.0,

*** NETWORK ID: UCART12 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

```
    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     468710.70    468760.70    468810.70    468860.70    468910.70
468960.70    469010.70    469060.70
```

```
 - - -
```

3779413.00 | 422.50 557.30 558.10 570.40 570.90
570.90 570.90 570.90
3779363.00 | 421.60 421.00 558.10 558.10 570.90
570.90 570.90 570.90
3779313.00 | 420.60 420.30 419.80 558.10 558.10
570.90 570.90 570.90
*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART13 ; NETWORK TYPE:
GRIDCART ***

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

471075.9, 471125.9, 471175.9, 471225.9, 471275.9, 471325.9, 471375.9,
471425.9, 471475.9, 471525.9,

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

3777361.5, 3777411.5, 3777461.5, 3777511.5, 3777561.5, 3777611.5, 3777661.5,
3777711.5, 3777761.5, 3777811.5,
3777861.5, 3777911.5,
*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART13 ; NETWORK TYPE:
GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD | X-COORD (METERS)
(METERS) | 471075.86 471125.86 471175.86 471225.86 471275.86
471325.86 471375.86 471425.86 471475.86

```
 - - -
```

```
  3777761.53 |        365.50
  3777711.53 |        364.90
  3777661.53 |        364.40
  3777611.53 |        363.80
  3777561.53 |        363.10
  3777511.53 |        362.70
  3777461.53 |        362.20
  3777411.53 |        361.50
  3777361.53 |        360.70
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        08:39:22

                                   PAGE  64
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                  *** NETWORK ID: UCART13  ;  NETWORK TYPE:
GRIDCART ***

                                                 * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                                 X-COORD (METERS)
    (METERS) |     471075.86    471125.86    471175.86    471225.86    471275.86
471325.86    471375.86    471425.86    471475.86
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

  3777911.53 |        575.10       575.10       575.10       575.10       575.10
   575.10       575.10       575.10       575.10
  3777861.53 |        575.10       575.10       575.10       575.10       575.10
   575.10       575.10       575.10       575.10
  3777811.53 |        532.20       532.20       532.20       532.20       532.20
   532.40       532.40       532.40       532.40
  3777761.53 |        370.80       370.80       370.50       522.10       522.10
   530.00       530.00       532.20       530.00
  3777711.53 |        369.90       369.60       369.30       369.00       368.60
   368.00       522.10       522.10       522.10
  3777661.53 |        369.20       368.90       368.40       368.10       367.80
   367.30       366.40       365.50       364.90
  3777611.53 |        368.50       368.20       367.70       367.20       366.90
   366.50       365.80       364.90       364.30
  3777561.53 |        367.70       367.40       367.00       366.60       366.10
   365.70       365.00       364.30       363.60
  3777511.53 |        366.90       366.50       366.10       365.70       365.20
   364.80       364.00       363.70       363.30
  3777461.53 |        366.30       365.80       365.40       365.00       364.50
   364.00       363.30       362.90       362.90
```

```
  3777411.53 |        365.80       365.20       364.70       364.20       363.70
   363.20       362.60       362.00       361.80
  3777361.53 |        364.70       364.40       363.80       364.20       363.30
   362.50       362.00       361.30       360.90
```


*** NETWORK ID: UCART13 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

```
    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471525.86
 - - -
```

(METERS)

472114.7, 472164.7, 472214.7, 472264.7, 472314.7, 472364.7, 472414.7, 472464.7, 472514.7, 472564.7,

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

3776424.5, 3776474.5, 3776524.5, 3776574.5, 3776624.5, 3776674.5, 3776724.5, 3776774.5, 3776824.5, 3776874.5,
3776924.5, 3776974.5, 3777024.5, 3777074.5, 3777124.5,

*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART14 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 472114.69	472164.69	472214.69	472264.69	472314.69	472364.69	472414.69	472464.69	472514.69
3777124.55	357.00	354.30	354.10	353.80	353.90	354.00	354.30	354.40	354.60
3777074.55	356.10	354.00	353.50	353.20	353.30	353.40	353.70	353.90	354.20
3777024.55	355.30	353.50	353.10	352.80	352.80	352.90	353.20	353.30	353.50
3776974.55	354.00	352.70	352.50	352.20	352.20	352.40	352.50	352.40	351.80
3776924.55	352.80	351.90	351.90	351.70	351.80	351.90	352.00	351.70	351.20
3776874.55	351.80	350.80	350.90	350.90	351.10	351.10	351.30	351.10	350.90
3776824.55	351.20	350.20	350.20	350.20	350.50	350.60	350.80	350.60	350.20
3776774.55	350.70	349.60	349.50	349.60	349.90	350.10	350.20	350.10	349.70
3776724.55	350.40	349.40	349.10	349.10	349.50				

```
   349.60       349.60       349.50       349.50
  3776674.55 |        350.00       349.10       348.80       348.60       348.90
   348.90       348.90       348.80       349.10
  3776624.55 |        349.60       348.70       348.40       348.20       348.50
   348.30       348.30       348.20       348.60
  3776574.55 |        349.00       348.00       347.90       347.70       347.80
   347.70       347.70       347.60       348.20
  3776524.55 |        348.50       347.50       347.30       347.20       347.20
   347.10       347.00       346.80       346.80
  3776474.55 |        348.40       347.40       347.10       346.70       346.60
   346.50       346.40       346.20       346.30
  3776424.55 |        347.80       348.30       346.90       346.30       346.20
   346.00       345.90       345.60       345.70
```



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

                                  *** NETWORK ID: UCART14  ;  NETWORK TYPE:
GRIDCART ***

                                                 * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     472564.69
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3777124.55 |        354.90
  3777074.55 |        354.30
  3777024.55 |        353.60
  3776974.55 |        351.90
  3776924.55 |        351.30
  3776874.55 |        351.00
  3776824.55 |        350.30
  3776774.55 |        349.70
  3776724.55 |        349.50
  3776674.55 |        349.10
  3776624.55 |        348.60
  3776574.55 |        348.30
  3776524.55 |        347.00
  3776474.55 |        346.30
  3776424.55 |        345.80
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART14 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 472114.69	472164.69	472214.69	472264.69	472314.69	472364.69	472414.69	472464.69	472514.69
3777124.55	357.00	354.30	354.10	353.80	353.90	354.00	354.30	354.40	354.60
3777074.55	356.10	354.00	353.50	353.20	353.30	353.40	353.70	353.90	354.20
3777024.55	355.30	353.50	353.10	352.80	352.80	352.90	353.20	353.30	353.50
3776974.55	354.00	352.70	352.50	352.20	352.20	352.40	352.50	352.40	351.80
3776924.55	352.80	351.90	351.90	351.70	351.80	351.90	352.00	351.70	351.20
3776874.55	354.00	350.80	350.90	350.90	351.10	351.10	351.30	351.10	350.90
3776824.55	351.20	350.20	350.20	350.20	350.50	350.60	350.80	350.60	350.20
3776774.55	353.00	349.60	349.50	349.60	349.90	350.10	350.20	350.10	349.70
3776724.55	350.40	349.40	349.10	349.10	349.50	349.60	349.60	349.50	349.50
3776674.55	350.00	349.10	348.80	348.60	348.90	348.90	348.90	348.80	349.10
3776624.55	349.60	348.70	348.40	348.20	348.50	348.30	348.30	348.20	348.60
3776574.55	349.00	348.00	347.90	347.70	347.80	347.70	347.70	347.60	348.20
3776524.55	348.50	347.50	347.30	347.20	347.20	347.10	347.00	346.80	346.80
3776474.55	348.40	347.40	347.10	346.70	346.60	346.50	346.40	346.20	346.30
3776424.55	347.80	348.30	346.90	346.30	346.20	346.00	345.90	345.60	345.70

*** NETWORK ID: UCART14 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

```
    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     472564.69
 - - -
```

472138.2, 472188.2, 472238.2, 472288.2, 472338.2,

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

3774264.7, 3774314.7, 3774364.7, 3774414.7, 3774464.7, 3774514.7, 3774564.7, 3774614.7, 3774664.7, 3774714.7,
3774764.7, 3774814.7, 3774864.7, 3774914.7, 3774964.7, 3775014.7, 3775064.7, 3775114.7, 3775164.7, 3775214.7,
3775264.7, 3775314.7, 3775364.7, 3775414.7, 3775464.7, 3775514.7, 3775564.7, 3775614.7, 3775664.7, 3775714.7,

*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART15 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 472138.17	472188.17	472238.17	472288.17	472338.17
3775714.69	340.60	342.10	341.50	341.20	340.50
3775664.69	342.20	344.00	341.50	340.80	340.10
3775614.69	342.00	342.70	340.80	340.30	339.80
3775564.69	341.10	340.80	339.80	339.80	339.50
3775514.69	340.20	339.90	339.20	339.20	339.00
3775464.69	339.30	339.20	338.70	338.80	338.60
3775414.69	338.60	338.50	338.20	338.20	338.00
3775364.69	338.00	338.00	337.70	337.70	337.60
3775314.69	337.60	337.50	337.20	337.10	337.00
3775264.69	337.20	337.00	336.60	336.50	336.50
3775214.69	336.80	336.80	336.30	336.00	335.90
3775164.69	336.30	336.30	335.70	335.50	335.20
3775114.69	335.70	335.60	335.10	335.00	334.60
3775064.69	335.50	335.40	334.50	334.20	333.90
3775014.69	336.20	335.40	334.10	333.80	333.30
3774964.69	334.10	333.90	333.50	333.30	332.70
3774914.69	333.40	333.60	333.10	332.70	332.30
3774864.69	333.10	333.20	332.60	332.20	331.70

3774814.69	332.80	332.70	332.10	331.60	331.20
3774764.69	332.60	332.50	331.90	331.40	331.20
3774714.69	332.20	332.00	331.50	331.20	330.80
3774664.69	331.90	331.70	331.10	330.80	330.50
3774614.69	331.50	331.20	330.70	330.40	330.00
3774564.69	331.20	330.90	330.40	330.20	329.80
3774514.69	330.70	330.60	330.00	329.80	329.30
3774464.69	329.80	330.40	329.70	329.50	328.90
3774414.69	329.80	330.10	329.40	329.00	328.50
3774364.69	330.10	329.60	328.90	328.60	328.20
3774314.69	331.10	328.80	328.30	327.90	327.40
3774264.69	332.70	329.30	327.90	327.50	327.00

*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART15 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 472138.17	472188.17	472238.17	472288.17	472338.17
3775714.69	340.60	342.10	341.50	341.20	340.50
3775664.69	345.50	344.00	341.50	340.80	340.10
3775614.69	342.00	346.00	340.80	340.30	339.80
3775564.69	341.10	343.40	339.80	339.80	339.50
3775514.69	340.20	339.90	339.20	339.20	339.00
3775464.69	339.30	339.20	338.70	338.80	338.60
3775414.69	338.60	338.50	338.20	338.20	338.00
3775364.69	338.00	338.00	337.70	337.70	337.60
3775314.69	337.60	337.50	337.20	337.10	337.00
3775264.69	337.20	337.00	336.60	336.50	336.50
3775214.69	336.80	336.80	336.30	336.00	335.90
3775164.69	336.30	336.30	335.70	335.50	335.20
3775114.69	335.70	335.60	335.10	335.00	334.60
3775064.69	335.50	335.40	334.50	334.20	333.90
3775014.69	336.20	335.40	334.10	333.80	333.30
3774964.69	334.10	333.90	333.50	333.30	332.70
3774914.69	333.40	333.60	333.10	332.70	332.30
3774864.69	333.10	333.20	332.60	332.20	331.70

```
  3774814.69 |        332.80       332.70       332.10       331.60       331.20
  3774764.69 |        332.60       332.50       331.90       331.40       331.20
  3774714.69 |        332.20       332.00       331.50       331.20       330.80
  3774664.69 |        331.90       331.70       331.10       330.80       330.50
  3774614.69 |        331.50       331.20       330.70       330.40       330.00
  3774564.69 |        331.20       330.90       330.40       330.20       329.80
  3774514.69 |        330.70       330.60       330.00       329.80       329.30
  3774464.69 |        329.80       330.40       329.70       329.50       328.90
  3774414.69 |        329.80       330.10       329.40       329.00       328.50
  3774364.69 |        330.10       329.60       328.90       328.60       328.20
  3774314.69 |        331.10       328.80       328.30       327.90       327.40
  3774264.69 |        332.70       331.90       327.90       327.50       327.00
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***       08:39:22

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                     *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                *** NETWORK ID: UCART16  ;  NETWORK TYPE:
GRIDCART ***

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

       472255.2,  472305.2,  472355.2,  472405.2,  472455.2,

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

      3775886.9, 3775936.9, 3775986.9, 3776036.9, 3776086.9, 3776136.9, 3776186.9,
3776236.9,
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***       08:39:22

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** NETWORK ID: UCART16  ;  NETWORK TYPE:
GRIDCART ***

                                             * ELEVATION HEIGHTS IN METERS *
```

Y-COORD (METERS)	X-COORD (METERS) 472255.22	472305.22	472355.22	472405.22	472455.22
3776236.95	344.90	344.70	344.30	344.10	343.90
3776186.95	344.60	344.50	343.90	343.90	343.50
3776136.95	344.20	344.20	343.50	343.40	343.00
3776086.95	343.90	343.70	343.10	342.80	342.40
3776036.95	343.60	343.20	342.70	342.30	341.90
3775986.95	343.30	342.90	342.50	342.00	341.40
3775936.95	343.10	342.50	342.20	341.70	341.00
3775886.95	342.60	342.20	341.70	341.30	340.50

*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART16 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 472255.22	472305.22	472355.22	472405.22	472455.22
3776236.95	344.90	344.70	344.30	344.10	343.90
3776186.95	344.60	344.50	343.90	343.90	343.50
3776136.95	344.20	344.20	343.50	343.40	343.00
3776086.95	343.90	343.70	343.10	342.80	342.40
3776036.95	343.60	343.20	342.70	342.30	341.90
3775986.95	343.30	342.90	342.50	342.00	341.40
3775936.95	343.10	342.50	342.20	341.70	341.00
3775886.95	342.60	342.20	341.70	341.30	340.50

*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* 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)
C3037092	472023.4	3774452.4	-2.86
C3037093	472023.4	3774452.4	-2.61
C3037105	472023.4	3774552.4	0.92
C3037110	472023.4	3774602.4	-1.65
C3037115	472023.4	3774652.4	-3.04
C3037120	472023.4	3774702.4	-1.25
C3037129	472023.4	3774752.4	-2.88
C3037134	472023.4	3774802.4	-4.12
C3037135	472023.4	3774802.4	0.04
C3037139	472023.4	3774852.4	-2.03
C3037140	472023.4	3774852.4	-0.68
C3037145	472023.4	3774902.4	-1.73
C3037146	472023.4	3774902.4	-2.62
C3037151	472023.4	3774952.4	-1.48
C3037156	472023.4	3775002.4	-0.13
C3037188	472023.4	3775302.4	-5.35
C3037189	472023.4	3775302.4	-4.12
C3037193	472023.4	3775352.4	-3.58

	C3037194	472023.4	3775352.4
-5.14			
	C3037198	472023.4	3775402.4
-1.76			
	C3037199	472023.4	3775402.4
-5.50			
	C3037200	472023.4	3775402.4
-1.48			
	C3037207	472023.4	3775452.4
0.76			
	C3037208	472023.4	3775452.4
-2.34			
	C3037212	472023.4	3775502.4
-3.34			
	C3037213	472023.4	3775502.4
-5.17			
	C3037217	472023.4	3775552.4
-2.04			
	C3037218	472023.4	3775552.4
-6.58			
	C3037222	472023.4	3775602.4
-0.77			
	C3037223	472023.4	3775602.4
-8.91			
	C3037224	472023.4	3775602.4
0.78			
	C3037271	472023.4	3776052.4
-8.59			
	C3037272	472023.4	3776052.4
-0.97			
	C3037276	472023.4	3776102.4
-6.65			
	C3037277	472023.4	3776102.4
-2.26			
	C3037319	471956.6	3776504.7
-0.92			
	C3037320	471956.6	3776504.7
-5.67			
	C3037340	471864.5	3776653.9
-4.07			
	C3037341	471864.5	3776653.9
-4.55			
	C3037383	471543.7	3776922.8
-2.47			

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* 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)
C3037384	471543.7	3776922.8	-6.82
C3037425	471221.4	3777170.7	-0.63
C3037426	471221.4	3777170.7	-2.41
C3037432	471171.4	3777220.7	-0.74
C3037433	471171.4	3777220.7	-7.25

*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

1 1 1

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

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

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

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

Surface file: .._References\FontanaADJU\FONT_V9_ADJU\FONT_v9.SFC
Met Version: 16216
Profile file: .._References\FontanaADJU\FONT_V9_ADJU\FONT_v9.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 3102 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN

Year: 2011 Year: 2011

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
11	01	01	1	01	-18.5	0.194	-9.000	-9.000	-999.	204.	41.2	0.25	2.82						

```
1.00    1.80   69.    9.1  276.4    5.5
 11 01 01   1 02  -23.8  0.239 -9.000 -9.000 -999.  281.     63.0  0.25   2.82
1.00    2.20   52.    9.1  275.4    5.5
 11 01 01   1 03  -18.5  0.194 -9.000 -9.000 -999.  205.     41.2  0.25   2.82
1.00    1.80   32.    9.1  275.4    5.5
 11 01 01   1 04   -1.4  0.067 -9.000 -9.000 -999.   57.     18.3  0.25   2.82
1.00    0.40   27.    9.1  274.2    5.5
 11 01 01   1 05  -18.6  0.194 -9.000 -9.000 -999.  204.     41.2  0.25   2.82
1.00    1.80   51.    9.1  274.2    5.5
 11 01 01   1 06  -29.7  0.296 -9.000 -9.000 -999.  387.     96.6  0.25   2.82
1.00    2.70   53.    9.1  274.2    5.5
 11 01 01   1 07  -24.0  0.239 -9.000 -9.000 -999.  282.     63.0  0.25   2.82
1.00    2.20   70.    9.1  274.2    5.5
 11 01 01   1 08   -8.4  0.138 -9.000 -9.000 -999.  127.     27.3  0.25   2.82
0.54    1.30   72.    9.1  275.4    5.5
 11 01 01   1 09   44.3  0.280  0.571  0.005  147.  356.    -43.5  0.25   2.82
0.32    2.20   67.    9.1  277.5    5.5
 11 01 01   1 10  122.7  0.264  0.952  0.005  247.  326.    -13.2  0.25   2.82
0.25    1.80   83.    9.1  279.9    5.5
 11 01 01   1 11  179.8  0.316  1.733  0.005 1017.  426.    -15.4  0.25   2.82
0.22    2.20   58.    9.1  282.0    5.5
 11 01 01   1 12  206.0  0.320  1.940  0.008 1244.  435.    -14.0  0.25   2.82
0.21    2.20  115.    9.1  283.1    5.5
 11 01 01   1 13  132.6  0.214  1.733  0.009 1377.  243.     -6.5  0.25   2.82
0.21    1.30  147.    9.1  284.2    5.5
 11 01 01   1 14  147.0  0.216  1.818  0.009 1431.  242.     -6.0  0.25   2.82
0.23    1.30  219.    9.1  284.9    5.5
 11 01 01   1 15  104.0  0.208  1.633  0.009 1468.  228.     -7.6  0.25   2.82
0.26    1.30  126.    9.1  285.4    5.5
 11 01 01   1 16   26.4  0.140  1.037  0.009 1477.  127.     -9.1  0.25   2.82
0.35    0.90  151.    9.1  284.9    5.5
 11 01 01   1 17   -9.0  0.137 -9.000 -9.000 -999.  121.     24.9  0.25   2.82
0.63    1.30   69.    9.1  283.1    5.5
 11 01 01   1 18  -33.4  0.342 -9.000 -9.000 -999.  481.    129.0  0.25   2.82
1.00    3.10   81.    9.1  281.4    5.5
 11 01 01   1 19  -33.6  0.342 -9.000 -9.000 -999.  481.    128.9  0.25   2.82
1.00    3.10   51.    9.1  279.9    5.5
 11 01 01   1 20  -23.6  0.239 -9.000 -9.000 -999.  287.     63.1  0.25   2.82
1.00    2.20   77.    9.1  278.8    5.5
 11 01 01   1 21  -18.5  0.194 -9.000 -9.000 -999.  205.     41.2  0.25   2.82
1.00    1.80   53.    9.1  277.5    5.5
 11 01 01   1 22  -23.7  0.239 -9.000 -9.000 -999.  281.     63.0  0.25   2.82
1.00    2.20   58.    9.1  277.5    5.5
 11 01 01   1 23  -18.5  0.194 -9.000 -9.000 -999.  205.     41.2  0.25   2.82
1.00    1.80   64.    9.1  277.5    5.5
 11 01 01   1 24   -4.5  0.094 -9.000 -9.000 -999.   74.     16.3  0.25   2.82
1.00    0.90   52.    9.1  277.0    5.5
```

```
 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 11 01 01 01    5.5 0 -999.  -99.00   276.5   99.0  -99.00  -99.00
 11 01 01 01    9.1 1   69.    1.80  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

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

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471773.42               471823.42               471873.42
       471923.42               471973.42
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776102.4 |      2.14071 (15063020)      2.37506 (13090422)      2.61713
(13090923)      3.08142 (12092121)      4.32225 (13071606)
 3776052.4 |      2.11545 (15063020)      2.35583 (13090422)      2.61836
(13090923)      3.06961 (12092121)      4.24840 (13071606)
 3776002.4 |      2.08246 (15090919)      2.33334 (13090422)      2.59656
(13090923)      3.04919 (12092121)      4.19138 (11061907)
 3775952.4 |      2.04603 (15090919)      2.27410 (13090422)      2.53205
(13090923)      2.91813 (12092121)      3.73543 (11082623)
 3775902.4 |      2.04636 (15090919)      2.24367 (13090422)      2.46544
(13090923)      2.90278 (12092121)      3.73327 (11082623)
```

3775852.4	2.00078 (15090919)	2.20362 (13090422)	2.39817 (13090923)	2.79720 (12092121)	3.66654 (11082623)
3775802.4	1.97680 (15090919)	2.15322 (13090422)	2.35837 (13090422)	2.76588 (12092121)	3.62121 (11082623)
3775752.4	1.91296 (15090919)	2.12442 (13090422)	2.34893 (13090422)	2.74503 (12092121)	3.56612 (11082623)
3775702.4	1.89933 (15090919)	2.12032 (15090919)	2.35772 (13090422)	2.73895 (12082102)	3.57892 (11082623)
3775652.4	1.87603 (11100120)	2.19455 (15090919)	2.72087 (13090422)	3.89043 (13090422)	5.45931 (12082102)
3775602.4	1.85616 (11100120)	2.11034 (15090919)	2.42171 (13090422)	2.95962 (12082102)	4.36894 (13071606)
3775552.4	1.82679 (11100120)	2.09109 (15090919)	2.34539 (13090422)	2.85106 (12082102)	4.66657 (13071606)
3775502.4	1.81801 (12091206)	2.07268 (15090919)	2.37968 (13090422)	2.93045 (13071606)	4.97022 (11061907)
3775452.4	1.77350 (12091206)	1.98555 (15090919)	2.28588 (13090422)	3.09693 (13071606)	6.43887 (12061507)
3775402.4	1.71844 (12091206)	1.94257 (15090919)	2.30128 (13090422)	3.51961 (12102008)	8.62260 (11061907)
3775352.4	1.67400 (11070706)	1.91231 (15090919)	2.20346 (13090422)	2.99947 (11061907)	6.36971 (11061907)
3775302.4	1.66039 (11070706)	1.85660 (15090919)	2.06367 (13090422)	3.04914 (11061907)	4.82528 (11061907)
3775252.4	1.55477 (11070706)	1.68610 (15090919)	1.95490 (13071606)	2.77177 (11061907)	4.46592 (11061907)
3775202.4	1.50977 (11070706)	1.54371 (11070706)	1.90868 (13071606)	2.55694 (11061907)	4.07599 (11061907)
3775152.4	1.39236 (11070706)	1.51882 (13071606)	1.87933 (13071606)	2.47688 (13071606)	3.73776 (13071606)
3775102.4	1.28346 (11070706)	1.50564 (13071606)	1.86619 (13071606)	2.47120 (13071606)	3.79172 (13071606)
3775052.4	1.25245 (13071606)	1.49898 (13071606)	1.86539 (13071606)	2.48566 (13071606)	3.86230 (13071606)
3775002.4	1.24567 (13071606)	1.49762 (13071606)	1.87497 (13071606)	2.51689 (13071606)	3.93391 (13071606)
3774952.4	1.24008 (13071606)	1.50005 (13071606)	1.89501 (13071606)	2.57767 (13071606)	4.09691 (13071606)
3774902.4	1.23363 (13071606)	1.50332 (13071606)	1.92150 (13071606)	2.67587 (13071606)	4.58663 (13071606)
3774852.4	1.22390 (13071606)	1.50282 (13071606)	1.94294 (13071606)	2.75169 (13071606)	5.24445 (12102008)
3774802.4	1.20813 (13071606)	1.49384 (13071606)	1.95334 (13071606)	2.80895 (13071606)	5.40353 (11061907)
3774752.4	1.18357 (13071606)	1.47083 (13071606)	1.94288 (13071606)	2.88961 (13071606)	6.57189 (12102008)
3774702.4	1.14846 (13071606)	1.42879 (13071606)	2.02081 (12102008)	3.35983 (12102008)	7.69836 (11061907)

```
 3774652.4 |      1.10283 (13071606)      1.38165 (12102008)      1.80191
(12102008)      2.96734 (11061907)      6.31253 (11061907)
 3774602.4 |      1.04772 (13071606)      1.29868 (13071606)      1.77054
(11061907)      3.00441 (11061907)      4.62740 (16012717)
 3774552.4 |      1.03978 (15100918)      1.25573 (15100918)      1.82961
(11061907)      2.71162 (11061907)      5.08365 (13041307)
 3774502.4 |      1.02585 (15100918)      1.26582 (11061907)      1.78133
(11061907)      2.84194 (12102008)      6.03375 (13041307)
 3774452.4 |      1.00545 (15100918)      1.26750 (11061907)      1.70293
(11061907)      2.63538 (11061907)      5.96232 (11061907)
 3774402.4 |      0.98414 (15100918)      1.25018 (11061907)      1.70232
(11061907)      2.70049 (11061907)      4.24895 (11061907)
 3774352.4 |      0.96425 (15100918)      1.24347 (11061907)      1.70879
(11061907)      2.44007 (11061907)      3.28032 (16012717)
 3774302.4 |      0.96094 (11061907)      1.23887 (11061907)      1.64012
(11061907)      2.06077 (16012717)      2.26881 (16012717)
 3774252.4 |      0.95916 (11061907)      1.21117 (11061907)      1.48546
(11061907)      1.72215 (16012717)      1.59192 (16012717)
 3774202.4 |      0.94657 (11061907)      1.14357 (11061907)      1.31367
(16012717)      1.47394 (16012717)      1.34536 (12031608)
 3774152.4 |      0.91457 (11061907)      1.03491 (11061907)      1.15641
(16012717)      1.12695 (16012717)      1.18474 (12031608)
```



```
                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                   INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

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

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

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

```
  (METERS) |       472023.42
 - - -
```

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3037090 , C3037091 , C3037092 , C3037093 , C3037094 ,
C3037095 , C3037096 , C3037097 , C3037098 , C3037099 , C3037100 , C3037101 , C3037102 ,
C3037103 , C3037104 , C3037105 , C3037106 , C3037107 , C3037108 , C3037109 , C3037110 ,
C3037111 , C3037112 , C3037113 , C3037114 , C3037115 , C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	471764.54	471814.54	471864.54	471914.54	471964.54	X-COORD (METERS)
3776302.8	2.28036 (13090422)	2.49777 (13090422)	2.72644 (12082102)	3.14383 (12092121)	4.06928 (13071606)	
3776252.8	2.21928 (13090422)	2.39917 (13090422)	2.64976 (12082102)	3.05167 (12092121)	3.84176 (11082623)	
3776202.8	2.17856 (13090422)	2.37325 (13090422)	2.61634 (13090923)	3.04887 (12092121)	3.79698 (11082623)	
3776152.8	2.13512 (15063020)	2.33463 (13090422)	2.58884 (13090923)	2.97957 (12092121)	3.84772 (11082623)	
3776102.8	2.11166 (15063020)	2.33912 (13090422)	2.56228 (13090923)	2.97695 (12092121)	3.89157 (11082623)	

*** AERMOD - VERSION 19191 *** *** Construction CO ***
06/23/20
*** AERMET - VERSION 16216 *** ***
08:39:22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3037090 , C3037091

```
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART2   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       472014.54
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3776302.8 |     10.90671 (13041307)
 3776252.8 |      9.51097 (13041307)
 3776202.8 |      9.28736 (12061507)
 3776152.8 |     11.28113 (12061507)
 3776102.8 |     12.20072 (12061507)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART3   ;  NETWORK TYPE:
GRIDCART ***

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

```
  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471756.60               471806.60               471856.60
       471906.60               471956.60
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3776504.7 |      2.63925 (13090422)      2.98396 (13090923)      3.59770
(12082102)      4.91873 (13071606)     11.11754 (13041207)
 3776454.7 |      2.50462 (13090422)      2.80340 (13090422)      3.29524
(12082102)      4.18847 (12092121)      7.51521 (13041307)
 3776404.7 |      2.40775 (13090422)      2.64609 (13090422)      3.07383
(13090923)      3.90904 (12082102)      5.41820 (13062006)
 3776354.7 |      2.30857 (13090422)      2.53719 (13090422)      2.76769
(12082102)      3.22026 (12092121)      4.38853 (13071606)
 3776304.7 |      2.24453 (13090422)      2.47009 (13090422)      2.67833
(13090923)      3.05899 (12092121)      3.85164 (11082623)
```



```
                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                 *** NETWORK ID: UCART3   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       472006.60
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3776504.7 |      4.90333 (13071606)
```

```
 3776454.7 |      7.85700 (12061507)
 3776404.7 |     11.57958 (12061507)
 3776354.7 |     12.16649 (12061507)
 3776304.7 |      8.76207 (13041307)
```



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

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                 *** NETWORK ID: UCART4   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471664.52              471714.52              471764.52
       471814.52              471864.52
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776653.9 |      2.68400 (15063020)      3.15641 (13090422)      3.93161
(13090422)      5.93547 (13071606)      9.58527 (12031208)
 3776603.9 |      2.41587 (15063020)      2.76566 (13090422)      3.28425
(13090422)      4.08688 (13090923)      7.11721 (13071606)
 3776553.9 |      2.24037 (15063020)      2.52786 (15063020)      2.91935
(13090422)      3.46504 (13090923)      5.48730 (12102008)
 3776503.9 |      2.10762 (15063020)      2.36218 (15063020)      2.69972
(13090422)      3.05419 (13090923)      3.71557 (12082102)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3037090 , C3037091
, C3037092 , C3037093 , C3037094 ,
C3037095 , C3037096 , C3037097 , C3037098 , C3037099
, C3037100 , C3037101 , C3037102 ,
C3037103 , C3037104 , C3037105 , C3037106 , C3037107
, C3037108 , C3037109 , C3037110 ,
C3037111 , C3037112 , C3037113 , C3037114 , C3037115
, C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART4 ; NETWORK TYPE:
GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 471914.52
- - - -

```
                                   *** NETWORK ID: UCART5   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471554.26              471604.26              471654.26
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3776759.2 |      2.64557 (15081522)      3.13522 (15081522)      3.97675
(15063020)
 3776709.2 |      2.31220 (15081522)      2.63330 (15081522)      3.08507
(15063020)
 3776659.2 |      2.09635 (15081522)      2.33492 (15081522)      2.64467
(15063020)
 3776609.2 |      1.94455 (15081522)      2.13794 (15081522)      2.37555
(15063020)
 3776559.2 |      1.82512 (15081522)      1.99932 (15081522)      2.20178
(15063020)
```



```
                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART6   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471343.73              471393.73              471443.73
```

```
      471493.73               471543.73
 - - -
```

```
 - - -
```

```
 3777063.8 |      1.94524 (16081423)      2.12073 (16072703)      2.32409
(16072703)      2.64341 (12091521)      3.08238 (13090622)
 3777013.8 |      1.75405 (16081423)      1.88675 (16081423)      2.03032
(16072703)      2.23159 (16072703)      2.50831 (12091521)
```

```
                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART8   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471275.84
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777113.8 |      8.56804 (15062206)
 3777063.8 |      4.11294 (16071006)
 3777013.8 |      2.91513 (13090622)
```

```
                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
```

```
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART9   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471071.36              471121.36              471171.36
       471221.36
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3777220.7 |      4.03896 (13090622)      6.48124 (15062206)      9.50879
(12031208)      5.94541 (12061507)
 3777170.7 |      3.02281 (12091521)      3.69964 (13090622)      5.40287
(15062206)      9.04518 (12031208)
 3777120.7 |      2.46290 (16111321)      2.78809 (12091521)      3.34439
(16071006)      4.72314 (16071006)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART10  ;  NETWORK TYPE:
GRIDCART ***
```

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       470606.55              470656.55              470706.55
       470756.55              470806.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3777252.6 |      1.51478 (13082602)      1.63016 (16081423)      1.74153
(16081423)      1.89533 (15101502)      2.10465 (15101502)
 3777202.6 |      1.39859 (16072401)      1.47572 (13082602)      1.58595
(16081423)      1.71535 (16081423)      1.83775 (16081423)
 3777152.6 |      1.28158 (15090724)      1.35123 (16072401)      1.43873
(16072401)      1.53745 (16081423)      1.66765 (16081423)
 3777102.6 |      1.19556 (11082723)      1.25527 (15090724)      1.33416
(15090724)      1.42028 (16072401)      1.50930 (16072401)
 3777052.6 |      1.11262 (11082723)      1.16765 (11082723)      1.23819
(15090724)      1.31273 (15090724)      1.38657 (15090724)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***       08:39:22

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART10  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       470856.55              470906.55              470956.55
       471006.55              471056.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

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- - - - - - - - - - - - - - - - - - - - - - - - -

 3777252.6 |      2.42873 (16072703)      2.85253 (16072703)      3.55512
(16072703)      4.08891 (12091521)      5.00380 (15062206)
 3777202.6 |      2.02626 (15101502)      2.22557 (16072703)      2.46687
(16072703)      2.81710 (12091521)      3.35276 (12091521)
 3777152.6 |      1.81338 (16081423)      1.94501 (15101502)      2.12885
(16072703)      2.36612 (16072703)      2.67556 (16111420)
 3777102.6 |      1.62753 (16081423)      1.76552 (16081423)      1.91010
(16081423)      2.05531 (16072703)      2.28406 (16072703)
 3777052.6 |      1.48324 (16072401)      1.58794 (16072401)      1.71542
(16081423)      1.84190 (16081423)      2.00094 (15101502)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***       08:39:22

                                 PAGE  97
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                 *** NETWORK ID: UCART11  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       470269.99              470319.99              470369.99
       470419.99
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3777554.4 |      1.47944 (15102720)      1.56353 (15101502)      1.65850
(15101502)      1.80122 (16072703)
 3777504.4 |      1.41032 (16081423)      1.48692 (16081423)      1.57098
(15101502)      1.68027 (15101502)
 3777454.4 |      1.31443 (13082602)      1.40258 (16081423)      1.48396
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(16081423)      1.56820 (16081423)
 3777404.4 |      1.23606 (16072401)      1.30085 (13082602)      1.37999
(16081423)      1.47193 (16081423)
 3777354.4 |      1.15777 (16072401)      1.22261 (16072401)      1.28731
(16072401)      1.36143 (13082602)
 3777304.4 |      1.09382 (15090724)      1.14504 (15090724)      1.20588
(16072401)      1.27784 (16072401)
```



```
                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART12  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       468710.70               468760.70               468810.70
       468860.70               468910.70
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3779663.0 |      1.02165 (15081422)      1.06927 (12081505)      1.15354
(12081505)      1.26489 (15012702)      1.48131 (15062206)
 3779613.0 |      1.01511 (15081422)      1.07646 (15081422)      1.13353
(15081422)      1.23270 (12081505)      1.36195 (15012702)
 3779563.0 |      1.00624 (15011017)      1.05931 (15081422)      1.12529
(15081422)      1.18938 (15081422)      1.29154 (12081505)
 3779513.0 |      1.00297 (12090901)      1.04236 (15011017)      1.09734
(15081422)      1.16497 (15081422)      1.22368 (12081505)
 3779463.0 |      0.99701 (12090901)      1.03442 (12090901)      1.07285
(15011017)      1.12466 (15081422)      1.18639 (15081422)
```

```
 3779413.0 |      0.98877 (15062604)      1.02245 (12090901)      1.06042
(12090901)      1.09395 (15011017)      1.13900 (15081422)
 3779363.0 |      0.97944 (15061824)      1.01333 (15062604)      1.04347
(12090901)      1.08036 (12090901)      1.10682 (15011017)
 3779313.0 |      0.97967 (15061824)      1.00360 (15061824)      1.03356
(15062604)      1.06047 (12090901)      1.09471 (12090901)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE  99
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART12  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       468960.70              469010.70              469060.70
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3779663.0 |      1.96612 (15062206)      2.92556 (11061907)      5.63162
(13041307)
 3779613.0 |      1.62348 (15062206)      2.12615 (15062206)      3.25012
(11061907)
 3779563.0 |      1.41553 (15012702)      1.65680 (15062206)      2.29324
(11061907)
 3779513.0 |      1.31324 (12081505)      1.40823 (15012702)      1.73917
(11061907)
 3779463.0 |      1.23271 (12081505)      1.29613 (12081505)      1.34475
(15012702)
 3779413.0 |      1.19172 (15081422)      1.22153 (12081505)      1.25555
(12081505)
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 3779363.0 |      1.14536 (15081422)      1.18822 (15081422)      1.20001
(12081505)
 3779313.0 |      1.11536 (15011017)      1.14746 (15081422)      1.18089
(15081422)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 100
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART13  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471075.86              471125.86              471175.86
       471225.86              471275.86
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777911.5 |      1.91383 (13092321)      1.89042 (13092321)      1.85714
(13082423)      1.84000 (15081522)      1.83802 (15081522)
 3777861.5 |      1.98494 (16072824)      1.96155 (13092321)      1.92869
(13082423)      1.89822 (16070903)      1.89451 (15081522)
 3777811.5 |      2.07835 (16072824)      2.03469 (13092321)      2.00290
(13092321)      1.96445 (13082423)      1.95296 (15081522)
 3777761.5 |      2.17053 (16072824)      2.12462 (16072824)      2.08157
(13092321)      2.04032 (13082423)      2.00339 (15081522)
 3777711.5 |      2.26602 (15083102)      2.21008 (16072824)      2.14689
(13092321)      2.10922 (13092321)      2.06425 (13082423)
 3777661.5 |      2.41597 (16102718)      2.30855 (15083102)      2.24171
(16072824)      2.18392 (13092321)      2.13942 (13082423)
 3777611.5 |      2.57303 (15082522)      2.44962 (16102718)      2.34061
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```
(16072824)      2.26521 (16072824)      2.21564 (13092321)
 3777561.5 |      2.75654 (15082522)      2.59456 (16102718)      2.46128
(16102718)      2.37378 (16072824)      2.29003 (13092321)
 3777511.5 |      2.92730 (15082701)      2.76410 (15082522)      2.59030
(16102718)      2.45225 (16102718)      2.37347 (16072824)
 3777461.5 |      3.18147 (16082302)      2.93966 (15082701)      2.76823
(15082522)      2.59851 (16102718)      2.45016 (15083102)
 3777411.5 |      3.66270 (16072803)      3.20024 (16082302)      2.94028
(15082701)      2.74423 (15082522)      2.56059 (16102718)
 3777361.5 |      4.44726 (15081422)      3.64087 (16102921)      3.13516
(16082302)      3.06900 (15082701)      2.76795 (15082522)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 101
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART13  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       471325.86              471375.86              471425.86
       471475.86              471525.86
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3777911.5 |      1.82439 (13090305)      1.81522 (15063020)      1.80449
(15063020)      1.80782 (13090422)      1.78611 (13090422)
 3777861.5 |      1.87555 (13090305)      1.85269 (15063020)      1.85624
(15063020)      1.84786 (13090422)      1.84575 (13090422)
 3777811.5 |      1.93626 (15081522)      1.90911 (13090305)      1.90082
(15063020)      1.88978 (13090422)      1.89858 (13090422)
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```
 3777761.5 |      1.99857 (15081522)      1.96594 (13090305)      1.94923
(15063020)      1.93467 (15063020)      1.94658 (13090422)
 3777711.5 |      2.05376 (15081522)      2.02222 (15081522)      2.00070
(15063020)      1.99166 (15063020)      1.99263 (13090422)
 3777661.5 |      2.10651 (15081522)      2.08611 (15081522)      2.05103
(13090305)      2.04644 (15063020)      2.03956 (13090422)
 3777611.5 |      2.16219 (13082423)      2.14527 (15081522)      2.10607
(13090305)      2.09333 (15063020)      2.07969 (13090422)
 3777561.5 |      2.23844 (13092321)      2.18995 (15081522)      2.16568
(15081522)      2.12872 (15063020)      2.12797 (15063020)
 3777511.5 |      2.30488 (13092321)      2.21867 (13082423)      2.22054
(15081522)      2.20474 (13090305)      2.19175 (15063020)
 3777461.5 |      2.37498 (16072824)      2.27967 (13092321)      2.23862
(15081522)      2.27802 (15081522)      2.24024 (15063020)
 3777411.5 |      2.43089 (13082623)      2.32238 (16072824)      2.24480
(13092321)      2.26168 (15081522)      2.25953 (13090305)
 3777361.5 |      2.51090 (16102718)      2.39127 (15101121)      2.26350
(13092321)      2.23792 (12091206)      2.28688 (15090919)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 102
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART14  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       472114.69              472164.69              472214.69
       472264.69              472314.69
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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 3777124.5 |      2.15308 (12071204)      1.80621 (12081123)      1.69218
(11070701)      1.56352 (15042722)      1.47182 (12080824)
 3777074.5 |      2.17995 (12071204)      1.86499 (11070701)      1.72068
(11070701)      1.58393 (13081902)      1.48988 (11090520)
 3777024.5 |      2.21033 (12071204)      1.91989 (11070701)      1.75870
(11070701)      1.61544 (13081902)      1.51314 (11090520)
 3776974.5 |      2.21173 (13110820)      1.93435 (11070701)      1.78330
(15082303)      1.62679 (13081902)      1.52485 (11090520)
 3776924.5 |      2.20820 (12071220)      1.90382 (11070701)      1.78189
(11070701)      1.64493 (13081902)      1.54556 (11090520)
 3776874.5 |      2.15965 (12071220)      1.61123 (12081123)      1.56460
(11070701)      1.47739 (15042722)      1.44514 (11090520)
 3776824.5 |      1.99487 (12071220)      1.62538 (12081123)      1.54641
(12081123)      1.45591 (16092019)      1.41109 (12080824)
 3776774.5 |      1.92102 (12091321)      1.66842 (15090821)      1.55596
(11070701)      1.48153 (15042722)      1.42616 (11090520)
 3776724.5 |      2.01673 (12091321)      1.74380 (12081123)      1.57840
(12081123)      1.47452 (16092019)      1.45519 (11090520)
 3776674.5 |      2.11528 (12091321)      1.80819 (12081123)      1.59713
(12081123)      1.46620 (16092019)      1.39610 (12080824)
 3776624.5 |      2.23796 (12091321)      1.83765 (12081123)      1.64890
(12081123)      1.50492 (16092019)      1.42231 (12080824)
 3776574.5 |      2.26364 (12091321)      1.88840 (12081123)      1.68588
(12081123)      1.52838 (16092019)      1.42830 (11090520)
 3776524.5 |      2.37676 (12091321)      1.95733 (12081123)      1.69896
(12081123)      1.53433 (16092019)      1.40806 (11090520)
 3776474.5 |      2.57229 (12091321)      2.06781 (12081123)      1.76740
(12081524)      1.54728 (16092019)      1.39444 (12080824)
 3776424.5 |      2.70927 (12091321)      2.34360 (12081123)      1.83030
(12081524)      1.56081 (16092019)      1.40243 (15082606)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 103
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
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, C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART14 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	472364.69	472414.69	472464.69	472514.69	472564.69
3777124.5	1.39189 (11090520)	1.31691 (12081622)	1.25198 (12081702)	1.17443 (16072323)	1.12635 (13090423)
3777074.5	1.40167 (11090520)	1.31884 (12081702)	1.25267 (12081702)	1.18107 (16072323)	1.12816 (13090423)
3777024.5	1.41658 (11090520)	1.32495 (12081702)	1.24818 (12081702)	1.17424 (16072323)	1.12337 (13090423)
3776974.5	1.42817 (11090520)	1.32280 (11082620)	1.23285 (13072602)	1.14699 (12091320)	1.08480 (12091320)
3776924.5	1.43636 (11090520)	1.33357 (11082620)	1.23426 (13072602)	1.12184 (12091320)	1.07282 (12091320)
3776874.5	1.37151 (11090520)	1.29951 (12081702)	1.20548 (13072602)	1.13103 (12091320)	1.08143 (13090423)
3776824.5	1.35795 (11090520)	1.29326 (12081702)	1.20006 (12081702)	1.11824 (12091320)	1.06689 (12091320)
3776774.5	1.36848 (11090520)	1.28660 (12081702)	1.20595 (13072602)	1.13137 (12091320)	1.06565 (12091320)
3776724.5	1.38517 (11090520)	1.28985 (16091720)	1.20526 (13072602)	1.14667 (12091320)	1.07178 (12091320)
3776674.5	1.30978 (11090520)	1.23878 (12081702)	1.15302 (13072602)	1.14548 (12091320)	1.06928 (16110719)
3776624.5	1.31854 (11090520)	1.23860 (12081702)	1.15547 (13072602)	1.12132 (12091320)	1.05232 (13090423)
3776574.5	1.32078 (11090520)	1.23311 (12081702)	1.15033 (12092120)	1.12973 (12091320)	1.05851 (13100620)
3776524.5	1.29622 (11090520)	1.20237 (12081702)	1.11107 (12092120)	1.05600 (12091320)	0.99739 (16110719)
3776474.5	1.27724 (12081702)	1.18502 (12081702)	1.08325 (12092120)	1.03588 (12091320)	0.96981 (16110719)
3776424.5	1.27446 (12081702)	1.17612 (12081702)	1.06559 (12091320)	1.01775 (13090423)	0.95707 (12092721)

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

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART15  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       472138.17               472188.17               472238.17
       472288.17               472338.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3775714.7 |      2.82649 (13061906)      2.17922 (12080824)      1.71821
(12081702)      1.43954 (12081702)      1.22534 (13090423)
 3775664.7 |      2.83559 (12081123)      2.60370 (11090520)      1.74902
(12081702)      1.42032 (12081702)      1.20466 (13090423)
 3775614.7 |      2.77035 (16092019)      2.38992 (11090520)      1.66091
(12081702)      1.39569 (13090423)      1.18647 (13090423)
 3775564.7 |      2.58643 (13071606)      1.97712 (12080824)      1.56723
(13071606)      1.35353 (13090423)      1.14856 (13090423)
 3775514.7 |      2.53322 (13071606)      1.92545 (13071606)      1.55484
(13071606)      1.30395 (13071606)      1.12074 (13071606)
 3775464.7 |      2.52195 (13071606)      1.91617 (13071606)      1.54786
(13071606)      1.29842 (13071606)      1.11604 (13071606)
 3775414.7 |      2.53772 (13071606)      1.91718 (13071606)      1.54512
(13071606)      1.29422 (13071606)      1.11154 (13071606)
 3775364.7 |      2.56245 (13071606)      1.92424 (13071606)      1.54496
(13071606)      1.29109 (13071606)      1.10735 (13071606)
 3775314.7 |      2.59817 (13071606)      1.93496 (13071606)      1.54576
(13071606)      1.28781 (13071606)      1.10258 (13071606)
 3775264.7 |      2.65890 (13071606)      1.94676 (13071606)      1.54515
(13071606)      1.28337 (13071606)      1.09694 (13071606)
 3775214.7 |      2.69324 (13071606)      1.95065 (13071606)      1.54117
```

```
(13071606)      1.27679 (13071606)      1.08965 (13071606)
 3775164.7 |      2.66739 (13071606)      1.93812 (13071606)      1.53065
(13071606)      1.26731 (13071606)      1.08042 (13071606)
 3775114.7 |      2.61647 (13071606)      1.91454 (13071606)      1.51537
(13071606)      1.25512 (13071606)      1.06945 (13071606)
 3775064.7 |      2.57075 (13071606)      1.89021 (13071606)      1.49749
(13071606)      1.24029 (13071606)      1.05664 (13071606)
 3775014.7 |      2.53962 (13071606)      1.86739 (13071606)      1.47899
(13071606)      1.22460 (13071606)      1.04445 (13112508)
 3774964.7 |      2.49836 (13071606)      1.84046 (13071606)      1.45905
(13071606)      1.20718 (13071606)      1.03785 (13112508)
 3774914.7 |      2.46243 (13071606)      1.81704 (13071606)      1.43813
(13071606)      1.18768 (13071606)      1.02922 (13112508)
 3774864.7 |      2.47993 (12061206)      1.79166 (13071606)      1.41445
(13071606)      1.16581 (13071606)      1.01625 (16110804)
 3774814.7 |      2.54638 (12061206)      1.76239 (13071606)      1.38675
(13071606)      1.14147 (12100124)      1.00482 (16110804)
 3774764.7 |      2.36363 (13071606)      1.72563 (13071606)      1.35389
(13071606)      1.12996 (12100124)      0.99465 (16110804)
 3774714.7 |      2.30193 (13071606)      1.67751 (13071606)      1.31289
(13071606)      1.11610 (12100124)      0.98283 (12100124)
 3774664.7 |      2.34746 (12061206)      1.61926 (13071606)      1.27058
(12100124)      1.09945 (12100124)      0.97040 (12100124)
 3774614.7 |      2.26681 (12061206)      1.54145 (13071606)      1.24959
(12100124)      1.08180 (12100124)      0.95545 (12100124)
 3774564.7 |      1.99892 (13071606)      1.47440 (12100124)      1.22855
(12100124)      1.06463 (12100124)      0.94152 (12100124)
 3774514.7 |      1.95317 (13041207)      1.44815 (12100124)      1.20593
(12100124)      1.04554 (12100124)      0.92525 (12100124)
 3774464.7 |      1.94927 (13062206)      1.40529 (12100124)      1.18009
(12100124)      1.02656 (12100124)      0.90962 (12100124)
 3774414.7 |      1.80645 (13041207)      1.34512 (12100124)      1.14656
(12100124)      1.00376 (12100124)      0.89366 (12100124)
 3774364.7 |      1.76830 (13041207)      1.29190 (12100124)      1.11022
(12100124)      0.98001 (12100124)      0.87759 (12100124)
 3774314.7 |      1.69623 (13041207)      1.23259 (12092403)      1.07320
(12100124)      0.95439 (12100124)      0.85858 (12100124)
 3774264.7 |      1.48926 (13041207)      1.19017 (13041207)      1.02657
(12100124)      0.92770 (12100124)      0.84113 (12100124)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        08:39:22

                                   PAGE 105
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                 *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
```

```
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART16  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       472255.22              472305.22              472355.22
       472405.22              472455.22
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776236.9 |      1.66068 (12080824)      1.46087 (15082606)      1.29562
(12081702)      1.16403 (12081702)      1.07290 (12091320)
 3776186.9 |      1.67537 (12080824)      1.48206 (15082606)      1.29701
(12081702)      1.17619 (12092120)      1.06462 (12091320)
 3776136.9 |      1.67820 (12080824)      1.49038 (12081622)      1.28822
(12081702)      1.15854 (13090423)      1.04972 (12091320)
 3776086.9 |      1.68991 (12080824)      1.47761 (12081702)      1.27984
(12081702)      1.14969 (12091320)      1.02631 (12091320)
 3776036.9 |      1.69182 (12080824)      1.46268 (12081702)      1.27031
(12081702)      1.11920 (13090423)      0.99913 (12091320)
 3775986.9 |      1.69238 (15082606)      1.47073 (12081702)      1.27389
(12081702)      1.11858 (12091320)      0.95429 (13090423)
 3775936.9 |      1.71603 (15082606)      1.45749 (12081702)      1.26455
(13090423)      1.10917 (12091320)      0.93909 (11120208)
 3775886.9 |      1.69399 (12081622)      1.44804 (12081702)      1.23710
(13090423)      1.06256 (13090423)      0.93586 (11120208)
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                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
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```
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                 C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                 C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                 C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

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

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471773.42               471823.42               471873.42
       471923.42               471973.42
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776102.4 |      2.14071 (15063020)      2.37506 (13090422)      2.61713
(13090923)      3.08142 (12092121)      4.32225 (13071606)
 3776052.4 |      2.11545 (15063020)      2.35583 (13090422)      2.61836
(13090923)      3.06961 (12092121)      4.24840 (13071606)
 3776002.4 |      2.08246 (15090919)      2.33334 (13090422)      2.59656
(13090923)      3.04919 (12092121)      4.19138 (11061907)
 3775952.4 |      2.04603 (15090919)      2.27410 (13090422)      2.53205
(13090923)      2.91813 (12092121)      3.73543 (11082623)
 3775902.4 |      2.04636 (15090919)      2.24367 (13090422)      2.46544
(13090923)      2.90278 (12092121)      3.73327 (11082623)
 3775852.4 |      2.00078 (15090919)      2.20362 (13090422)      2.39817
(13090923)      2.79720 (12092121)      3.66654 (11082623)
 3775802.4 |      1.97680 (15090919)      2.15322 (13090422)      2.35837
(13090422)      2.76588 (12092121)      3.62121 (11082623)
 3775752.4 |      1.91296 (15090919)      2.12442 (13090422)      2.34893
(13090422)      2.74503 (12092121)      3.56612 (11082623)
 3775702.4 |      1.89933 (15090919)      2.12032 (15090919)      2.35772
(13090422)      2.73895 (12082102)      3.57892 (11082623)
 3775652.4 |      1.87603 (11100120)      2.19455 (15090919)      2.72087
(13090422)      3.89043 (13090422)      5.45931 (12082102)
 3775602.4 |      1.85616 (11100120)      2.11034 (15090919)      2.42171
(13090422)      2.95962 (12082102)      4.36894 (13071606)
 3775552.4 |      1.82679 (11100120)      2.09109 (15090919)      2.34539
(13090422)      2.85106 (12082102)      4.66657 (13071606)
 3775502.4 |      1.81801 (12091206)      2.07268 (15090919)      2.37968
(13090422)      2.93045 (13071606)      4.97022 (11061907)
 3775452.4 |      1.77350 (12091206)      1.98555 (15090919)      2.28588
```

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(13090422)      3.09693 (13071606)      6.43887 (12061507)
 3775402.4 |      1.71844 (12091206)      1.94257 (15090919)      2.30128
(13090422)      3.51961 (12102008)      8.62260 (11061907)
 3775352.4 |      1.67400 (11070706)      1.91231 (15090919)      2.20346
(13090422)      2.99947 (11061907)      6.36971 (11061907)
 3775302.4 |      1.66039 (11070706)      1.85660 (15090919)      2.06367
(13090422)      3.04914 (11061907)      4.82528 (11061907)
 3775252.4 |      1.55477 (11070706)      1.68610 (15090919)      1.95490
(13071606)      2.77177 (11061907)      4.46592 (11061907)
 3775202.4 |      1.50977 (11070706)      1.54371 (11070706)      1.90868
(13071606)      2.55694 (11061907)      4.07599 (11061907)
 3775152.4 |      1.39236 (11070706)      1.51882 (13071606)      1.87933
(13071606)      2.47688 (13071606)      3.73776 (13071606)
 3775102.4 |      1.28346 (11070706)      1.50564 (13071606)      1.86619
(13071606)      2.47120 (13071606)      3.79172 (13071606)
 3775052.4 |      1.25245 (13071606)      1.49898 (13071606)      1.86539
(13071606)      2.48566 (13071606)      3.86230 (13071606)
 3775002.4 |      1.24567 (13071606)      1.49762 (13071606)      1.87497
(13071606)      2.51689 (13071606)      3.93391 (13071606)
 3774952.4 |      1.24008 (13071606)      1.50005 (13071606)      1.89501
(13071606)      2.57767 (13071606)      4.09691 (13071606)
 3774902.4 |      1.23363 (13071606)      1.50332 (13071606)      1.92150
(13071606)      2.67587 (13071606)      4.58663 (13071606)
 3774852.4 |      1.22390 (13071606)      1.50282 (13071606)      1.94294
(13071606)      2.75169 (13071606)      5.24445 (12102008)
 3774802.4 |      1.20813 (13071606)      1.49384 (13071606)      1.95334
(13071606)      2.80895 (13071606)      5.40353 (11061907)
 3774752.4 |      1.18357 (13071606)      1.47083 (13071606)      1.94288
(13071606)      2.88961 (13071606)      6.57189 (12102008)
 3774702.4 |      1.14846 (13071606)      1.42879 (13071606)      2.02081
(12102008)      3.35983 (12102008)      7.69836 (11061907)
 3774652.4 |      1.10283 (13071606)      1.38165 (12102008)      1.80191
(12102008)      2.96734 (11061907)      6.31253 (11061907)
 3774602.4 |      1.04772 (13071606)      1.29868 (13071606)      1.77054
(11061907)      3.00441 (11061907)      4.62740 (16012717)
 3774552.4 |      1.03978 (15100918)      1.25573 (15100918)      1.82961
(11061907)      2.71162 (11061907)      5.08365 (13041307)
 3774502.4 |      1.02585 (15100918)      1.26582 (11061907)      1.78133
(11061907)      2.84194 (12102008)      6.03375 (13041307)
 3774452.4 |      1.00545 (15100918)      1.26750 (11061907)      1.70293
(11061907)      2.63538 (11061907)      5.96232 (11061907)
 3774402.4 |      0.98414 (15100918)      1.25018 (11061907)      1.70232
(11061907)      2.70049 (11061907)      4.24895 (11061907)
 3774352.4 |      0.96425 (15100918)      1.24347 (11061907)      1.70879
(11061907)      2.44007 (11061907)      3.28032 (16012717)
 3774302.4 |      0.96094 (11061907)      1.23887 (11061907)      1.64012
(11061907)      2.06077 (16012717)      2.26881 (16012717)
 3774252.4 |      0.95916 (11061907)      1.21117 (11061907)      1.48546
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(11061907)      1.72215 (16012717)      1.59192 (16012717)
 3774202.4 |      0.94657 (11061907)      1.14357 (11061907)      1.31367
(16012717)      1.47394 (16012717)      1.34536 (12031608)
 3774152.4 |      0.91457 (11061907)      1.03491 (11061907)      1.15641
(16012717)      1.12695 (16012717)      1.18474 (12031608)
```

```
                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

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

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       472023.42
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3776102.4 |      9.77656 (12061507)
 3776052.4 |     10.22073 (12061507)
 3776002.4 |      9.90316 (13041307)
 3775952.4 |      8.68671 (13041307)
 3775902.4 |      8.69102 (13041307)
 3775852.4 |      8.68697 (13041307)
 3775802.4 |      8.44824 (12061507)
 3775752.4 |      8.22355 (13041307)
 3775702.4 |      8.20643 (13041307)
 3775652.4 |      8.95433 (12061507)
 3775602.4 |     10.85072 (11061907)
 3775552.4 |     10.31653 (12031608)
 3775502.4 |     10.38153 (12031608)
```

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 3775452.4 |     10.04548 (12031608)
 3775402.4 |      9.29304 (12061507)
 3775352.4 |     10.76107 (12031608)
 3775302.4 |     10.56637 (12031608)
 3775252.4 |     12.28467 (13041307)
 3775202.4 |     10.05142 (13041307)
 3775152.4 |     10.71080 (13041307)
 3775102.4 |     11.72194 (13041307)
 3775052.4 |     12.62836 (13041307)
 3775002.4 |     11.67383 (11061907)
 3774952.4 |     11.70542 (16012717)
 3774902.4 |     11.68948 (16012717)
 3774852.4 |     10.44464 (13041307)
 3774802.4 |     10.42006 (13041307)
 3774752.4 |     12.76022 (13041307)
 3774702.4 |     10.96215 (13041307)
 3774652.4 |     11.68456 (13041307)
 3774602.4 |     11.53442 (13041307)
 3774552.4 |     11.45952 (13041307)
 3774502.4 |     11.42424 (13041307)
 3774452.4 |      9.94343 (12031608)
 3774402.4 |      7.88888 (12031608)
 3774352.4 |      4.12121 (12031608)
 3774302.4 |      2.83451 (12031608)
 3774252.4 |      2.18356 (12031608)
 3774202.4 |      1.78406 (12031608)
 3774152.4 |      1.51152 (12031608)
```



```
                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART2   ;  NETWORK TYPE:
GRIDCART ***
```

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471764.54              471814.54              471864.54
       471914.54              471964.54
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3776302.8 |      2.28036 (13090422)      2.49777 (13090422)      2.72644
(12082102)      3.14383 (12092121)      4.06928 (13071606)
 3776252.8 |      2.21928 (13090422)      2.39917 (13090422)      2.64976
(12082102)      3.05167 (12092121)      3.84176 (11082623)
 3776202.8 |      2.17856 (13090422)      2.37325 (13090422)      2.61634
(13090923)      3.04887 (12092121)      3.79698 (11082623)
 3776152.8 |      2.13512 (15063020)      2.33463 (13090422)      2.58884
(13090923)      2.97957 (12092121)      3.84772 (11082623)
 3776102.8 |      2.11166 (15063020)      2.33912 (13090422)      2.56228
(13090923)      2.97695 (12092121)      3.89157 (11082623)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 109
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART2   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       472014.54
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776302.8 |     10.90671 (13041307)
 3776252.8 |      9.51097 (13041307)
 3776202.8 |      9.28736 (12061507)
 3776152.8 |     11.28113 (12061507)
 3776102.8 |     12.20072 (12061507)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 110
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART3   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471756.60              471806.60              471856.60
       471906.60              471956.60
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776504.7 |      2.63925 (13090422)      2.98396 (13090923)      3.59770
(12082102)      4.91873 (13071606)     11.11754 (13041207)
 3776454.7 |      2.50462 (13090422)      2.80340 (13090422)      3.29524
(12082102)      4.18847 (12092121)      7.51521 (13041307)
 3776404.7 |      2.40775 (13090422)      2.64609 (13090422)      3.07383
(13090923)      3.90904 (12082102)      5.41820 (13062006)
 3776354.7 |      2.30857 (13090422)      2.53719 (13090422)      2.76769
(12082102)      3.22026 (12092121)      4.38853 (13071606)
 3776304.7 |      2.24453 (13090422)      2.47009 (13090422)      2.67833
(13090923)      3.05899 (12092121)      3.85164 (11082623)
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↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 111
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART3   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       472006.60
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776504.7 |      4.90333 (13071606)
 3776454.7 |      7.85700 (12061507)
 3776404.7 |     11.57958 (12061507)
 3776354.7 |     12.16649 (12061507)
 3776304.7 |      8.76207 (13041307)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 112
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
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 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART4   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       471664.52               471714.52               471764.52
       471814.52               471864.52
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3776653.9 |      2.68400 (15063020)      3.15641 (13090422)      3.93161
(13090422)      5.93547 (13071606)      9.58527 (12031208)
 3776603.9 |      2.41587 (15063020)      2.76566 (13090422)      3.28425
(13090422)      4.08688 (13090923)      7.11721 (13071606)
 3776553.9 |      2.24037 (15063020)      2.52786 (15063020)      2.91935
(13090422)      3.46504 (13090923)      5.48730 (12102008)
 3776503.9 |      2.10762 (15063020)      2.36218 (15063020)      2.69972
(13090422)      3.05419 (13090923)      3.71557 (12082102)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                   PAGE 113
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART4   ;  NETWORK TYPE:
GRIDCART ***
```

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       471914.52
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3776653.9 |      5.77098 (12061507)
 3776603.9 |     11.32987 (12061507)
 3776553.9 |     10.23096 (13041207)
 3776503.9 |      5.37908 (13071606)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***       08:39:22

                                 PAGE 114
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                               INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                 *** NETWORK ID: UCART5   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       471554.26              471604.26              471654.26
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3776759.2 |      2.64557 (15081522)      3.13522 (15081522)      3.97675
(15063020)
 3776709.2 |      2.31220 (15081522)      2.63330 (15081522)      3.08507
(15063020)
 3776659.2 |      2.09635 (15081522)      2.33492 (15081522)      2.64467
(15063020)
```

```
 3776609.2 |      1.94455 (15081522)      2.13794 (15081522)      2.37555
(15063020)
 3776559.2 |      1.82512 (15081522)      1.99932 (15081522)      2.20178
(15063020)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 115
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART6   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471343.73              471393.73              471443.73
       471493.73              471543.73
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776922.8 |      2.49351 (12091521)      2.91510 (13090622)      3.78831
(16071006)      6.15668 (13071606)      9.70250 (12031208)
 3776872.8 |      2.07810 (12091521)      2.36374 (12091521)      2.75617
(13082423)      3.61597 (13090622)      5.42199 (13041307)
 3776822.8 |      1.86331 (13092321)      2.06663 (13092321)      2.32557
(13082423)      2.76085 (12091521)      3.41144 (13090622)
 3776772.8 |      1.70963 (13092321)      1.86973 (13092321)      2.05957
(13082423)      2.31589 (15081522)      2.67992 (15081522)
 3776722.8 |      1.59242 (13092321)      1.72767 (13092321)      1.87810
(13082423)      2.06065 (16070903)      2.32296 (15081522)
 3776672.8 |      1.50548 (16072824)      1.62046 (13092321)      1.74723
(13082423)      1.88988 (13082423)      2.09977 (15081522)
 3776622.8 |      1.43767 (16072824)      1.53457 (13092321)      1.64882
```

(13092321) 1.77141 (13082423) 1.94102 (15081522)
3776572.8 | 1.38189 (16072824) 1.46370 (16072824) 1.56982
(13092321) 1.68515 (13082423) 1.81855 (15081522)
*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): C3037090 , C3037091
, C3037092 , C3037093 , C3037094 ,
C3037095 , C3037096 , C3037097 , C3037098 , C3037099
, C3037100 , C3037101 , C3037102 ,
C3037103 , C3037104 , C3037105 , C3037106 , C3037107
, C3037108 , C3037109 , C3037110 ,
C3037111 , C3037112 , C3037113 , C3037114 , C3037115
, C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART7 ; NETWORK TYPE:
GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 471137.27 471187.27 471237.27
471287.27 471337.27
- -
- -

3777005.9 | 2.02292 (16072703) 2.22526 (16072703) 2.50780
(12091521) 2.93396 (13090622) 3.78183 (16071006)
3776955.9 | 1.81974 (16081423) 1.96710 (15101502) 2.16108
(16072703) 2.42764 (12091521) 2.78017 (13090622)
3776905.9 | 1.62616 (16081423) 1.75210 (16081423) 1.86237
(15101502) 2.05382 (16072703) 2.29859 (12091521)
3776855.9 | 1.46523 (16072401) 1.55939 (16081423) 1.67416
(16081423) 1.79153 (15101502) 1.96746 (13092321)
3776805.9 | 1.33697 (15090724) 1.41670 (15090724) 1.51340
(16072824) 1.63528 (16072824) 1.78421 (13092321)
3776755.9 | 1.23880 (16102718) 1.32487 (15083102) 1.42370
(16072824) 1.53068 (16072824) 1.64839 (13092321)
*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): C3037090 , C3037091
, C3037092 , C3037093 , C3037094 ,
C3037095 , C3037096 , C3037097 , C3037098 , C3037099
, C3037100 , C3037101 , C3037102 ,
C3037103 , C3037104 , C3037105 , C3037106 , C3037107
, C3037108 , C3037109 , C3037110 ,
C3037111 , C3037112 , C3037113 , C3037114 , C3037115
, C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART8 ; NETWORK TYPE:
GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 471025.84	471075.84	471125.84	471175.84	471225.84
3777113.8	2.20602 (16072703)	2.42894 (16111321)	2.74271 (12091521)	3.28097 (13090622)	4.55682 (16071006)
3777063.8	1.94524 (16081423)	2.12073 (16072703)	2.32409 (16072703)	2.64341 (12091521)	3.08238 (13090622)
3777013.8	1.75405 (16081423)	1.88675 (16081423)	2.03032 (16072703)	2.23159 (16072703)	2.50831 (12091521)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): C3037090 , C3037091
, C3037092 , C3037093 , C3037094 ,
C3037095 , C3037096 , C3037097 , C3037098 , C3037099

```
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART8   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       471275.84
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3777113.8 |      8.56804 (15062206)
 3777063.8 |      4.11294 (16071006)
 3777013.8 |      2.91513 (13090622)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 119
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART9   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       471071.36               471121.36               471171.36
       471221.36
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 - - -
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 3777052.6 |      1.11262 (11082723)      1.16765 (11082723)      1.23819
(15090724)      1.31273 (15090724)      1.38657 (15090724)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 121
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART10  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       470856.55              470906.55              470956.55
       471006.55              471056.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3777252.6 |      2.42873 (16072703)      2.85253 (16072703)      3.55512
(16072703)      4.08891 (12091521)      5.00380 (15062206)
 3777202.6 |      2.02626 (15101502)      2.22557 (16072703)      2.46687
(16072703)      2.81710 (12091521)      3.35276 (12091521)
 3777152.6 |      1.81338 (16081423)      1.94501 (15101502)      2.12885
(16072703)      2.36612 (16072703)      2.67556 (16111420)
 3777102.6 |      1.62753 (16081423)      1.76552 (16081423)      1.91010
(16081423)      2.05531 (16072703)      2.28406 (16072703)
 3777052.6 |      1.48324 (16072401)      1.58794 (16072401)      1.71542
(16081423)      1.84190 (16081423)      2.00094 (15101502)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): C3037090 , C3037091 , C3037092 , C3037093 , C3037094 ,
C3037095 , C3037096 , C3037097 , C3037098 , C3037099 , C3037100 , C3037101 , C3037102 ,
C3037103 , C3037104 , C3037105 , C3037106 , C3037107 , C3037108 , C3037109 , C3037110 ,
C3037111 , C3037112 , C3037113 , C3037114 , C3037115 , C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART11 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	470269.99	470319.99	470369.99	470419.99
3777554.4	1.47944 (15102720)	1.56353 (15101502)	1.65850 (15101502)	1.80122 (16072703)
3777504.4	1.41032 (16081423)	1.48692 (16081423)	1.57098 (15101502)	1.68027 (15101502)
3777454.4	1.31443 (13082602)	1.40258 (16081423)	1.48396 (16081423)	1.56820 (16081423)
3777404.4	1.23606 (16072401)	1.30085 (13082602)	1.37999 (16081423)	1.47193 (16081423)
3777354.4	1.15777 (16072401)	1.22261 (16072401)	1.28731 (16072401)	1.36143 (13082602)
3777304.4	1.09382 (15090724)	1.14504 (15090724)	1.20588 (16072401)	1.27784 (16072401)

*** AERMOD - VERSION 19191 *** *** Construction CO ***
06/23/20
*** AERMET - VERSION 16216 *** ***
08:39:22

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

```
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                 C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                 C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                 C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART12  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       468710.70              468760.70              468810.70
       468860.70              468910.70
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3779663.0 |      1.02165 (15081422)      1.06927 (12081505)      1.15354
(12081505)      1.26489 (15012702)      1.48131 (15062206)
 3779613.0 |      1.01511 (15081422)      1.07646 (15081422)      1.13353
(15081422)      1.23270 (12081505)      1.36195 (15012702)
 3779563.0 |      1.00624 (15011017)      1.05931 (15081422)      1.12529
(15081422)      1.18938 (15081422)      1.29154 (12081505)
 3779513.0 |      1.00297 (12090901)      1.04236 (15011017)      1.09734
(15081422)      1.16497 (15081422)      1.22368 (12081505)
 3779463.0 |      0.99701 (12090901)      1.03442 (12090901)      1.07285
(15011017)      1.12466 (15081422)      1.18639 (15081422)
 3779413.0 |      0.98877 (15062604)      1.02245 (12090901)      1.06042
(12090901)      1.09395 (15011017)      1.13900 (15081422)
 3779363.0 |      0.97944 (15061824)      1.01333 (15062604)      1.04347
(12090901)      1.08036 (12090901)      1.10682 (15011017)
 3779313.0 |      0.97967 (15061824)      1.00360 (15061824)      1.03356
(15062604)      1.06047 (12090901)      1.09471 (12090901)
```



```
                                 *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
```

, C3037092 , C3037093 , C3037094 ,
C3037095 , C3037096 , C3037097 , C3037098 , C3037099
, C3037100 , C3037101 , C3037102 ,
C3037103 , C3037104 , C3037105 , C3037106 , C3037107
, C3037108 , C3037109 , C3037110 ,
C3037111 , C3037112 , C3037113 , C3037114 , C3037115
, C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART12 ; NETWORK TYPE:
GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 468960.70	469010.70	469060.70
3779663.0	1.96612 (15062206)	2.92556 (11061907)	5.63162 (13041307)
3779613.0	1.62348 (15062206)	2.12615 (15062206)	3.25012 (11061907)
3779563.0	1.41553 (15012702)	1.65680 (15062206)	2.29324 (11061907)
3779513.0	1.31324 (12081505)	1.40823 (15012702)	1.73917 (11061907)
3779463.0	1.23271 (12081505)	1.29613 (12081505)	1.34475 (15012702)
3779413.0	1.19172 (15081422)	1.22153 (12081505)	1.25555 (12081505)
3779363.0	1.14536 (15081422)	1.18822 (15081422)	1.20001 (12081505)
3779313.0	1.11536 (15011017)	1.14746 (15081422)	1.18089 (15081422)

*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): C3037090 , C3037091
, C3037092 , C3037093 , C3037094 ,
C3037095 , C3037096 , C3037097 , C3037098 , C3037099

```
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART13  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       471075.86               471125.86               471175.86
       471225.86               471275.86
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777911.5 |      1.91383 (13092321)      1.89042 (13092321)      1.85714
(13082423)      1.84000 (15081522)      1.83802 (15081522)
 3777861.5 |      1.98494 (16072824)      1.96155 (13092321)      1.92869
(13082423)      1.89822 (16070903)      1.89451 (15081522)
 3777811.5 |      2.07835 (16072824)      2.03469 (13092321)      2.00290
(13092321)      1.96445 (13082423)      1.95296 (15081522)
 3777761.5 |      2.17053 (16072824)      2.12462 (16072824)      2.08157
(13092321)      2.04032 (13082423)      2.00339 (15081522)
 3777711.5 |      2.26602 (15083102)      2.21008 (16072824)      2.14689
(13092321)      2.10922 (13092321)      2.06425 (13082423)
 3777661.5 |      2.41597 (16102718)      2.30855 (15083102)      2.24171
(16072824)      2.18392 (13092321)      2.13942 (13082423)
 3777611.5 |      2.57303 (15082522)      2.44962 (16102718)      2.34061
(16072824)      2.26521 (16072824)      2.21564 (13092321)
 3777561.5 |      2.75654 (15082522)      2.59456 (16102718)      2.46128
(16102718)      2.37378 (16072824)      2.29003 (13092321)
 3777511.5 |      2.92730 (15082701)      2.76410 (15082522)      2.59030
(16102718)      2.45225 (16102718)      2.37347 (16072824)
 3777461.5 |      3.18147 (16082302)      2.93966 (15082701)      2.76823
(15082522)      2.59851 (16102718)      2.45016 (15083102)
 3777411.5 |      3.66270 (16072803)      3.20024 (16082302)      2.94028
(15082701)      2.74423 (15082522)      2.56059 (16102718)
 3777361.5 |      4.44726 (15081422)      3.64087 (16102921)      3.13516
(16082302)      3.06900 (15082701)      2.76795 (15082522)
```

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

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART13  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471325.86              471375.86              471425.86
       471475.86              471525.86
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777911.5 |      1.82439 (13090305)      1.81522 (15063020)      1.80449
(15063020)      1.80782 (13090422)      1.78611 (13090422)
 3777861.5 |      1.87555 (13090305)      1.85269 (15063020)      1.85624
(15063020)      1.84786 (13090422)      1.84575 (13090422)
 3777811.5 |      1.93626 (15081522)      1.90911 (13090305)      1.90082
(15063020)      1.88978 (13090422)      1.89858 (13090422)
 3777761.5 |      1.99857 (15081522)      1.96594 (13090305)      1.94923
(15063020)      1.93467 (15063020)      1.94658 (13090422)
 3777711.5 |      2.05376 (15081522)      2.02222 (15081522)      2.00070
(15063020)      1.99166 (15063020)      1.99263 (13090422)
 3777661.5 |      2.10651 (15081522)      2.08611 (15081522)      2.05103
(13090305)      2.04644 (15063020)      2.03956 (13090422)
 3777611.5 |      2.16219 (13082423)      2.14527 (15081522)      2.10607
(13090305)      2.09333 (15063020)      2.07969 (13090422)
 3777561.5 |      2.23844 (13092321)      2.18995 (15081522)      2.16568
(15081522)      2.12872 (15063020)      2.12797 (15063020)
 3777511.5 |      2.30488 (13092321)      2.21867 (13082423)      2.22054
(15081522)      2.20474 (13090305)      2.19175 (15063020)
 3777461.5 |      2.37498 (16072824)      2.27967 (13092321)      2.23862
(15081522)      2.27802 (15081522)      2.24024 (15063020)
 3777411.5 |      2.43089 (13082623)      2.32238 (16072824)      2.24480
(13092321)      2.26168 (15081522)      2.25953 (13090305)
 3777361.5 |      2.51090 (16102718)      2.39127 (15101121)      2.26350
```

(13092321) 2.23792 (12091206) 2.28688 (15090919)
*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): C3037090 , C3037091 , C3037092 , C3037093 , C3037094 ,
C3037095 , C3037096 , C3037097 , C3037098 , C3037099 , C3037100 , C3037101 , C3037102 ,
C3037103 , C3037104 , C3037105 , C3037106 , C3037107 , C3037108 , C3037109 , C3037110 ,
C3037111 , C3037112 , C3037113 , C3037114 , C3037115 , C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART14 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 472114.69	472164.69	472214.69	472264.69	472314.69
3777124.5	2.15308 (12071204)	1.80621 (12081123)	1.69218 (11070701)	1.56352 (15042722)	1.47182 (12080824)
3777074.5	2.17995 (12071204)	1.86499 (11070701)	1.72068 (11070701)	1.58393 (13081902)	1.48988 (11090520)
3777024.5	2.21033 (12071204)	1.91989 (11070701)	1.75870 (11070701)	1.61544 (13081902)	1.51314 (11090520)
3776974.5	2.21173 (13110820)	1.93435 (11070701)	1.78330 (15082303)	1.62679 (13081902)	1.52485 (11090520)
3776924.5	2.20820 (12071220)	1.90382 (11070701)	1.78189 (11070701)	1.64493 (13081902)	1.54556 (11090520)
3776874.5	2.15965 (12071220)	1.61123 (12081123)	1.56460 (11070701)	1.47739 (15042722)	1.44514 (11090520)
3776824.5	1.99487 (12071220)	1.62538 (12081123)	1.54641 (12081123)	1.45591 (16092019)	1.41109 (12080824)
3776774.5	1.92102 (12091321)	1.66842 (15090821)	1.55596 (11070701)	1.48153 (15042722)	1.42616 (11090520)

```
 3776724.5 |      2.01673 (12091321)      1.74380 (12081123)      1.57840
(12081123)      1.47452 (16092019)      1.45519 (11090520)
 3776674.5 |      2.11528 (12091321)      1.80819 (12081123)      1.59713
(12081123)      1.46620 (16092019)      1.39610 (12080824)
 3776624.5 |      2.23796 (12091321)      1.83765 (12081123)      1.64890
(12081123)      1.50492 (16092019)      1.42231 (12080824)
 3776574.5 |      2.26364 (12091321)      1.88840 (12081123)      1.68588
(12081123)      1.52838 (16092019)      1.42830 (11090520)
 3776524.5 |      2.37676 (12091321)      1.95733 (12081123)      1.69896
(12081123)      1.53433 (16092019)      1.40806 (11090520)
 3776474.5 |      2.57229 (12091321)      2.06781 (12081123)      1.76740
(12081524)      1.54728 (16092019)      1.39444 (12080824)
 3776424.5 |      2.70927 (12091321)      2.34360 (12081123)      1.83030
(12081524)      1.56081 (16092019)      1.40243 (15082606)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        08:39:22

                                   PAGE 128
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
               C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
               C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
               C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART14  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       472364.69              472414.69              472464.69
       472514.69              472564.69
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3777124.5 |      1.39189 (11090520)      1.31691 (12081622)      1.25198
(12081702)      1.17443 (16072323)      1.12635 (13090423)
 3777074.5 |      1.40167 (11090520)      1.31884 (12081702)      1.25267
```

```
(12081702)      1.18107 (16072323)      1.12816 (13090423)
 3777024.5 |      1.41658 (11090520)      1.32495 (12081702)      1.24818
(12081702)      1.17424 (16072323)      1.12337 (13090423)
 3776974.5 |      1.42817 (11090520)      1.32280 (11082620)      1.23285
(13072602)      1.14699 (12091320)      1.08480 (12091320)
 3776924.5 |      1.43636 (11090520)      1.33357 (11082620)      1.23426
(13072602)      1.12184 (12091320)      1.07282 (12091320)
 3776874.5 |      1.37151 (11090520)      1.29951 (12081702)      1.20548
(13072602)      1.13103 (12091320)      1.08143 (13090423)
 3776824.5 |      1.35795 (11090520)      1.29326 (12081702)      1.20006
(12081702)      1.11824 (12091320)      1.06689 (12091320)
 3776774.5 |      1.36848 (11090520)      1.28660 (12081702)      1.20595
(13072602)      1.13137 (12091320)      1.06565 (12091320)
 3776724.5 |      1.38517 (11090520)      1.28985 (16091720)      1.20526
(13072602)      1.14667 (12091320)      1.07178 (12091320)
 3776674.5 |      1.30978 (11090520)      1.23878 (12081702)      1.15302
(13072602)      1.14548 (12091320)      1.06928 (16110719)
 3776624.5 |      1.31854 (11090520)      1.23860 (12081702)      1.15547
(13072602)      1.12132 (12091320)      1.05232 (13090423)
 3776574.5 |      1.32078 (11090520)      1.23311 (12081702)      1.15033
(12092120)      1.12973 (12091320)      1.05851 (13100620)
 3776524.5 |      1.29622 (11090520)      1.20237 (12081702)      1.11107
(12092120)      1.05600 (12091320)      0.99739 (16110719)
 3776474.5 |      1.27724 (12081702)      1.18502 (12081702)      1.08325
(12092120)      1.03588 (12091320)      0.96981 (16110719)
 3776424.5 |      1.27446 (12081702)      1.17612 (12081702)      1.06559
(12091320)      1.01775 (13090423)      0.95707 (12092721)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        08:39:22

                                   PAGE 129
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART15  ;  NETWORK TYPE:
GRIDCART ***
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                                        ** CONC OF CO       IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       472138.17               472188.17               472238.17
       472288.17               472338.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3775714.7 |      2.82649 (13061906)      2.17922 (12080824)      1.71821
(12081702)      1.43954 (12081702)      1.22534 (13090423)
 3775664.7 |      2.83559 (12081123)      2.60370 (11090520)      1.74902
(12081702)      1.42032 (12081702)      1.20466 (13090423)
 3775614.7 |      2.77035 (16092019)      2.38992 (11090520)      1.66091
(12081702)      1.39569 (13090423)      1.18647 (13090423)
 3775564.7 |      2.58643 (13071606)      1.97712 (12080824)      1.56723
(13071606)      1.35353 (13090423)      1.14856 (13090423)
 3775514.7 |      2.53322 (13071606)      1.92545 (13071606)      1.55484
(13071606)      1.30395 (13071606)      1.12074 (13071606)
 3775464.7 |      2.52195 (13071606)      1.91617 (13071606)      1.54786
(13071606)      1.29842 (13071606)      1.11604 (13071606)
 3775414.7 |      2.53772 (13071606)      1.91718 (13071606)      1.54512
(13071606)      1.29422 (13071606)      1.11154 (13071606)
 3775364.7 |      2.56245 (13071606)      1.92424 (13071606)      1.54496
(13071606)      1.29109 (13071606)      1.10735 (13071606)
 3775314.7 |      2.59817 (13071606)      1.93496 (13071606)      1.54576
(13071606)      1.28781 (13071606)      1.10258 (13071606)
 3775264.7 |      2.65890 (13071606)      1.94676 (13071606)      1.54515
(13071606)      1.28337 (13071606)      1.09694 (13071606)
 3775214.7 |      2.69324 (13071606)      1.95065 (13071606)      1.54117
(13071606)      1.27679 (13071606)      1.08965 (13071606)
 3775164.7 |      2.66739 (13071606)      1.93812 (13071606)      1.53065
(13071606)      1.26731 (13071606)      1.08042 (13071606)
 3775114.7 |      2.61647 (13071606)      1.91454 (13071606)      1.51537
(13071606)      1.25512 (13071606)      1.06945 (13071606)
 3775064.7 |      2.57075 (13071606)      1.89021 (13071606)      1.49749
(13071606)      1.24029 (13071606)      1.05664 (13071606)
 3775014.7 |      2.53962 (13071606)      1.86739 (13071606)      1.47899
(13071606)      1.22460 (13071606)      1.04445 (13112508)
 3774964.7 |      2.49836 (13071606)      1.84046 (13071606)      1.45905
(13071606)      1.20718 (13071606)      1.03785 (13112508)
 3774914.7 |      2.46243 (13071606)      1.81704 (13071606)      1.43813
(13071606)      1.18768 (13071606)      1.02922 (13112508)
 3774864.7 |      2.47993 (12061206)      1.79166 (13071606)      1.41445
(13071606)      1.16581 (13071606)      1.01625 (16110804)
 3774814.7 |      2.54638 (12061206)      1.76239 (13071606)      1.38675
(13071606)      1.14147 (12100124)      1.00482 (16110804)
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 3774764.7 |      2.36363 (13071606)      1.72563 (13071606)      1.35389
(13071606)      1.12996 (12100124)      0.99465 (16110804)
 3774714.7 |      2.30193 (13071606)      1.67751 (13071606)      1.31289
(13071606)      1.11610 (12100124)      0.98283 (12100124)
 3774664.7 |      2.34746 (12061206)      1.61926 (13071606)      1.27058
(12100124)      1.09945 (12100124)      0.97040 (12100124)
 3774614.7 |      2.26681 (12061206)      1.54145 (13071606)      1.24959
(12100124)      1.08180 (12100124)      0.95545 (12100124)
 3774564.7 |      1.99892 (13071606)      1.47440 (12100124)      1.22855
(12100124)      1.06463 (12100124)      0.94152 (12100124)
 3774514.7 |      1.95317 (13041207)      1.44815 (12100124)      1.20593
(12100124)      1.04554 (12100124)      0.92525 (12100124)
 3774464.7 |      1.94927 (13062206)      1.40529 (12100124)      1.18009
(12100124)      1.02656 (12100124)      0.90962 (12100124)
 3774414.7 |      1.80645 (13041207)      1.34512 (12100124)      1.14656
(12100124)      1.00376 (12100124)      0.89366 (12100124)
 3774364.7 |      1.76830 (13041207)      1.29190 (12100124)      1.11022
(12100124)      0.98001 (12100124)      0.87759 (12100124)
 3774314.7 |      1.69623 (13041207)      1.23259 (12092403)      1.07320
(12100124)      0.95439 (12100124)      0.85858 (12100124)
 3774264.7 |      1.48926 (13041207)      1.19017 (13041207)      1.02657
(12100124)      0.92770 (12100124)      0.84113 (12100124)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 130
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART16  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
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```
  (METERS) |       472255.22               472305.22               472355.22
       472405.22               472455.22
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3776236.9 |      1.66068 (12080824)      1.46087 (15082606)      1.29562
(12081702)      1.16403 (12081702)      1.07290 (12091320)
 3776186.9 |      1.67537 (12080824)      1.48206 (15082606)      1.29701
(12081702)      1.17619 (12092120)      1.06462 (12091320)
 3776136.9 |      1.67820 (12080824)      1.49038 (12081622)      1.28822
(12081702)      1.15854 (13090423)      1.04972 (12091320)
 3776086.9 |      1.68991 (12080824)      1.47761 (12081702)      1.27984
(12081702)      1.14969 (12091320)      1.02631 (12091320)
 3776036.9 |      1.69182 (12080824)      1.46268 (12081702)      1.27031
(12081702)      1.11920 (13090423)      0.99913 (12091320)
 3775986.9 |      1.69238 (15082606)      1.47073 (12081702)      1.27389
(12081702)      1.11858 (12091320)      0.95429 (13090423)
 3775936.9 |      1.71603 (15082606)      1.45749 (12081702)      1.26455
(13090423)      1.10917 (12091320)      0.93909 (11120208)
 3775886.9 |      1.69399 (12081622)      1.44804 (12081702)      1.23710
(13090423)      1.06256 (13090423)      0.93586 (11120208)
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                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

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

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471773.42               471823.42               471873.42
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       471923.42               471973.42
 - - -
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 3775002.4 |      1.02493 (16121108)      1.23500 (16121108)      1.54768
(16121108)      2.07929 (16121108)      3.25255 (16121108)
 3774952.4 |      1.02219 (16121108)      1.23760 (16121108)      1.56514
(16121108)      2.13219 (16121108)      3.39970 (16121108)
 3774902.4 |      1.01754 (16121108)      1.24121 (16121108)      1.58804
(16121108)      2.21396 (16121108)      3.81221 (16121108)
 3774852.4 |      1.01030 (16121108)      1.24151 (16121108)      1.60587
(16121108)      2.27701 (16121108)      4.07829 (16121108)
 3774802.4 |      0.99782 (16121108)      1.23413 (16121108)      1.61459
(16121108)      2.32467 (16121108)      3.99615 (16121108)
 3774752.4 |      0.97757 (16121108)      1.21516 (16121108)      1.60606
(16121108)      2.39240 (16121108)      5.12948 (16121108)
 3774702.4 |      0.94858 (16121108)      1.18044 (16121108)      1.55988
(16121108)      2.30643 (16121108)      4.61136 (16121108)
 3774652.4 |      0.93179 (12121108)      1.13299 (12121108)      1.48459
(16121108)      2.12181 (16121108)      3.54611 (16121108)
 3774602.4 |      0.92235 (12121108)      1.12097 (12121108)      1.42575
(12121108)      2.01299 (16121108)      3.38961 (16121108)
 3774552.4 |      0.90515 (12121108)      1.09144 (12121108)      1.36768
(12121108)      1.96428 (16121108)      3.94030 (16121108)
 3774502.4 |      0.87932 (12121108)      1.04895 (12121108)      1.30714
(11112924)      1.80401 (16121108)      3.95195 (16121108)
 3774452.4 |      0.84985 (12121108)      1.00541 (12121108)      1.25096
(11112924)      1.70026 (11112924)      2.72445 (16012724)
 3774402.4 |      0.81837 (12121108)      0.96254 (11112924)      1.18683
(11112924)      1.54458 (11112924)      2.12065 (11112924)
 3774352.4 |      0.78358 (12121108)      0.91962 (11112924)      1.10680
(11112924)      1.35374 (11112924)      1.60662 (11112924)
 3774302.4 |      0.75257 (11112924)      0.86887 (11112924)      1.00980
(11112924)      1.15344 (11112924)      1.21954 (11112924)
 3774252.4 |      0.71899 (11112924)      0.81118 (11112924)      0.91186
(11112924)      0.98742 (11112924)      0.98227 (13121608)
 3774202.4 |      0.68028 (11112924)      0.75113 (11112924)      0.81813
(11112924)      0.84758 (11112924)      0.82401 (13121608)
 3774152.4 |      0.64094 (11112924)      0.69079 (11112924)      0.72564
(11112924)      0.73352 (13121608)      0.70572 (12011408)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 132
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
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                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

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

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       472023.42
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3776102.4 |      7.22871 (16121108)
 3776052.4 |      7.55390 (16121108)
 3776002.4 |      7.36362 (16121108)
 3775952.4 |      6.59413 (16121108)
 3775902.4 |      6.53337 (16121108)
 3775852.4 |      6.49624 (16121108)
 3775802.4 |      6.41093 (16121108)
 3775752.4 |      6.33814 (16121108)
 3775702.4 |      6.32531 (16121108)
 3775652.4 |      6.79620 (16121108)
 3775602.4 |      6.07726 (16121108)
 3775552.4 |      7.31631 (16121108)
 3775502.4 |      7.34433 (16121108)
 3775452.4 |      7.30557 (16121108)
 3775402.4 |      7.03666 (16121108)
 3775352.4 |      7.42617 (16121108)
 3775302.4 |      7.39095 (16121108)
 3775252.4 |      9.33529 (16121108)
 3775202.4 |      7.29613 (16121108)
 3775152.4 |      7.84637 (16121108)
 3775102.4 |      8.65839 (16121108)
 3775052.4 |      9.43871 (16121108)
 3775002.4 |      8.04906 (16121108)
 3774952.4 |      8.28962 (16121108)
 3774902.4 |      7.89066 (16121108)
 3774852.4 |      7.74356 (16121108)
 3774802.4 |      7.60641 (16121108)
 3774752.4 |      9.67027 (16121108)
 3774702.4 |      8.58496 (16121108)
 3774652.4 |      8.58869 (16121108)
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 3774602.4 |      8.29439 (16121108)
 3774552.4 |      8.13229 (16121108)
 3774502.4 |      8.60103 (16121108)
 3774452.4 |      5.36444 (16121108)
 3774402.4 |      2.90847 (16012724)
 3774352.4 |      1.63377 (12011408)
 3774302.4 |      1.19322 (12011408)
 3774252.4 |      0.95626 (12011408)
 3774202.4 |      0.80485 (12011408)
 3774152.4 |      0.69855 (12011408)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 133
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART2   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       471764.54              471814.54              471864.54
       471914.54              471964.54
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3776302.8 |      1.34307m(12121224)      1.49088 (16122308)
1.79109m(11072608)      2.29773m(11072608)      3.36112 (16121108)
 3776252.8 |      1.31602m(12121224)      1.43325 (16122308)
1.71495m(11072608)      2.18679m(11072608)      3.11844 (16121108)
 3776202.8 |      1.25829m(12121224)      1.40285m(12121224)
1.66908m(11072608)      2.14121m(11072608)      3.06316 (16121108)
 3776152.8 |      1.23224m(12121224)      1.38269m(12121224)
```

1.64009m(11072608) 2.12220m(11072608) 3.13497 (16121108)
 3776102.8 | 1.22524m(12121224) 1.37875m(12121224)
1.61816m(11072608) 2.11210m(11072608) 3.18897 (16121108)

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3037090 , C3037091 , C3037092 , C3037093 , C3037094 ,
C3037095 , C3037096 , C3037097 , C3037098 , C3037099 , C3037100 , C3037101 , C3037102 ,
C3037103 , C3037104 , C3037105 , C3037106 , C3037107 , C3037108 , C3037109 , C3037110 ,
C3037111 , C3037112 , C3037113 , C3037114 , C3037115 , C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 472014.54
- - - -

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                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                 C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                 C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                 C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART3   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471756.60              471806.60              471856.60
       471906.60              471956.60
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3776504.7 |      1.67611 (16122308)      2.04347 (16122308)
2.67842m(11072608)      4.07410 (16121108)      7.32752 (16121108)
 3776454.7 |      1.52447 (16122308)      1.80578 (16122308)
2.25262m(11072608)      3.12547m(11072608)      6.04263 (16121108)
 3776404.7 |      1.41948 (16122308)      1.64561 (16122308)
2.00510m(11072608)      2.67804m(11072608)      4.49303 (16121108)
 3776354.7 |      1.34572m(12121224)      1.53506 (16122308)
1.84309m(11072608)      2.38489m(11072608)      3.62948 (16121108)
 3776304.7 |      1.32089m(12121224)      1.46085m(12121224)
1.73412m(11072608)      2.20201m(11072608)      3.11346 (16121108)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                   PAGE 136
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                 C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                 C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                 C3037111    , C3037112    , C3037113    , C3037114    , C3037115
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 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART3   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       472006.60
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3776504.7 |      4.09212 (16121108)
 3776454.7 |      6.19067 (16121108)
 3776404.7 |      8.93869 (16121108)
 3776354.7 |      9.70746 (16121108)
 3776304.7 |      6.83641 (16121108)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***       08:39:22

                                   PAGE 137
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                 C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                 C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                 C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART4   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       471664.52              471714.52              471764.52
       471814.52              471864.52
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
```

```
 3776653.9 |      1.98659 (16123108)      2.30442 (16121108)      3.03051
(16121108)      4.94355 (16121108)      7.17225 (16121108)
 3776603.9 |      1.75615 (16123108)      1.93386 (16123108)      2.33390
(16121108)      3.21225 (16121108)      5.94665 (16121108)
 3776553.9 |      1.58680 (16123108)      1.70479 (16123108)      1.95830
(16122308)      2.52562 (16122308)      3.94282 (16121108)
 3776503.9 |      1.48470 (16123108)      1.58250 (16123108)      1.72517
(16122308)      2.11147 (16122308)      2.81426m(11072608)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 138
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART4   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       471914.52
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776653.9 |      4.33366 (16121108)
 3776603.9 |      8.13875 (16121108)
 3776553.9 |      8.13074 (16121108)
 3776503.9 |      4.46376 (16121108)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3037090 , C3037091 , C3037092 , C3037093 , C3037094 ,
C3037095 , C3037096 , C3037097 , C3037098 , C3037099 , C3037100 , C3037101 , C3037102 ,
C3037103 , C3037104 , C3037105 , C3037106 , C3037107 , C3037108 , C3037109 , C3037110 ,
C3037111 , C3037112 , C3037113 , C3037114 , C3037115 , C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 471554.26	471604.26	471654.26
3776759.2	2.08694 (16123108)	2.45850 (16121108)	3.29264 (16121108)
3776709.2	1.78669 (16123108)	1.98808 (16123108)	2.33156 (16121108)
3776659.2	1.59139 (16123108)	1.73621 (16123108)	1.96047 (16123108)
3776609.2	1.44708 (16123108)	1.58273 (16123108)	1.75243 (16123108)
3776559.2	1.35795 (16123108)	1.46456 (16123108)	1.58197 (16123108)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3037090 , C3037091 , C3037092 , C3037093 , C3037094 ,
C3037095 , C3037096 , C3037097 , C3037098 , C3037099

, C3037100 , C3037101 , C3037102 ,
C3037103 , C3037104 , C3037105 , C3037106 , C3037107
, C3037108 , C3037109 , C3037110 ,
C3037111 , C3037112 , C3037113 , C3037114 , C3037115
, C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART6 ; NETWORK TYPE:
GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 471343.73 471393.73 471443.73
471493.73 471543.73
- - - -

```
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART7   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       471137.27              471187.27              471237.27
       471287.27              471337.27
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3777005.9 |      1.62979 (16123108)      1.80633 (16123108)      2.04255
(16123108)      2.41012 (16123108)      3.12065 (16121108)
 3776955.9 |      1.48176 (16123108)      1.61864 (16123108)      1.77705
(16123108)      1.99815 (16123108)      2.29652 (16123108)
 3776905.9 |      1.36078 (16123108)      1.46091 (16123108)      1.56421
(16123108)      1.71461 (16123108)      1.91273 (16123108)
 3776855.9 |      1.26018 (16123108)      1.33898 (16123108)      1.42209
(16123108)      1.52726 (16123108)      1.66099 (16123108)
 3776805.9 |      1.17456 (16123108)      1.24348 (16123108)      1.30774
(16123108)      1.39386 (16123108)      1.49350 (16123108)
 3776755.9 |      1.10473 (16123108)      1.15900 (16123108)      1.22185
(16123108)      1.29346 (16123108)      1.37260 (16123108)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 142
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,
```

```
                                   *** NETWORK ID: UCART8   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471025.84              471075.84              471125.84
       471175.84              471225.84
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777113.8 |      1.70943 (16123108)      1.91282 (16123108)      2.18253
(16123108)      2.66353 (16123108)      3.76485 (16121108)
 3777063.8 |      1.52988 (16123108)      1.67190 (16123108)      1.85322
(16123108)      2.11784 (16123108)      2.51567 (16123108)
 3777013.8 |      1.39632 (16123108)      1.50496 (16123108)      1.63344
(16123108)      1.80442 (16123108)      2.03882 (16123108)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***       08:39:22

                                   PAGE 143
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART8   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471275.84
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
```

```
 3777113.8 |      7.29722 (16121108)
 3777063.8 |      3.38700 (16121108)
 3777013.8 |      2.39202 (16123108)
```


```
                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART9   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471071.36              471121.36              471171.36
       471221.36
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3777220.7 |      3.26820 (16121108)      5.38314 (16121108)      7.25863
(16121108)      4.85209 (16121108)
 3777170.7 |      2.36286 (16123108)      2.96610 (16121108)      4.48150
(16121108)      6.74694 (16121108)
 3777120.7 |      1.93595 (16123108)      2.21650 (16123108)      2.71557
(16123108)      3.90949 (16121108)
```

```
                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART10  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       470606.55               470656.55               470706.55
       470756.55               470806.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777252.6 |      1.04293 (16123108)      1.12349 (16123108)      1.21460
(16123108)      1.34516 (16123108)      1.50762 (16123108)
 3777202.6 |      0.99042 (16123108)      1.05601 (16123108)      1.13783
(16123108)      1.23434 (16123108)      1.34148 (16123108)
 3777152.6 |      0.93373 (16123108)      0.99120 (16123108)      1.06158
(16123108)      1.14093 (16123108)      1.23676 (16123108)
 3777102.6 |      0.89281 (16123108)      0.94321 (16123108)      1.00987
(16123108)      1.07929 (16123108)      1.15263 (16123108)
 3777052.6 |      0.84848 (16123108)      0.89763 (16123108)      0.95873
(16123108)      1.02061 (16123108)      1.08550 (16123108)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 146
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
```

, C3037108 , C3037109 , C3037110 ,
C3037111 , C3037112 , C3037113 , C3037114 , C3037115
, C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 470856.55 470906.55 470956.55
471006.55 471056.55
- -
- -

3777252.6 | 1.74576 (16123108) 2.06151 (16123108) 2.59652
(16123108) 3.05523 (16123108) 4.10790 (16121108)
3777202.6 | 1.49321 (16123108) 1.65488 (16123108) 1.86762
(16123108) 2.16888 (16123108) 2.62809 (16123108)
3777152.6 | 1.35143 (16123108) 1.47168 (16123108) 1.62080
(16123108) 1.81922 (16123108) 2.08767 (16123108)
3777102.6 | 1.24453 (16123108) 1.34778 (16123108) 1.46875
(16123108) 1.59873 (16123108) 1.77952 (16123108)
3777052.6 | 1.16224 (16123108) 1.24850 (16123108) 1.34426
(16123108) 1.44498 (16123108) 1.58222 (16123108)
*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

PAGE 147
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3037090 , C3037091
, C3037092 , C3037093 , C3037094 ,
C3037095 , C3037096 , C3037097 , C3037098 , C3037099
, C3037100 , C3037101 , C3037102 ,
C3037103 , C3037104 , C3037105 , C3037106 , C3037107
, C3037108 , C3037109 , C3037110 ,
C3037111 , C3037112 , C3037113 , C3037114 , C3037115
, C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART11 ; NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       470269.99              470319.99              470369.99
       470419.99
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3777554.4 |      0.76016 (16123108)      0.80314 (16123108)      0.87215
(16123108)      0.95084 (16123108)
 3777504.4 |      0.75041 (16123108)      0.79852 (16123108)      0.85492
(16123108)      0.92917 (16123108)
 3777454.4 |      0.73866 (16123108)      0.78897 (16123108)      0.83807
(16123108)      0.90249 (16123108)
 3777404.4 |      0.72653 (16123108)      0.76809 (16123108)      0.81742
(16123108)      0.87417 (16123108)
 3777354.4 |      0.70767 (16123108)      0.74995 (16123108)      0.79574
(16123108)      0.84711 (16123108)
 3777304.4 |      0.69093 (16123108)      0.73096 (16123108)      0.77399
(16123108)      0.82385 (16123108)
```



```
                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART12  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       468710.70              468760.70              468810.70
```

```
      468860.70               468910.70
 - - -
```

- -

```
 3779663.0 |      1.12850 (13012224)      1.81466 (16121108)      3.84130
(16121108)
 3779613.0 |      0.90883 (13012224)      1.22268 (13012224)      1.98248
(16121108)
 3779563.0 |      0.73098 (13012224)      0.90571 (13012224)      1.17745
(13031908)
 3779513.0 |      0.58346 (13012224)      0.69237 (11112924)      0.86192
(11112924)
 3779463.0 |      0.47645 (12121108)      0.56226 (11112924)      0.63605
(11112924)
 3779413.0 |      0.40471 (15122208)      0.45310 (11112924)      0.47524
(11112924)
 3779363.0 |      0.37617 (15122208)      0.37371 (15122208)      0.38045
(12032408)
 3779313.0 |      0.36199 (15122208)      0.35563 (15122208)      0.34538
(15122208)
```



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

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                 *** NETWORK ID: UCART13  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       471075.86              471125.86              471175.86
       471225.86              471275.86
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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 3777911.5 |      0.71457 (12120308)      0.68551 (12120308)      0.65847
(12120308)      0.64841 (16010608)      0.65368 (16010608)
 3777861.5 |      0.77230 (12120308)      0.74056 (12120308)      0.70899
(12120308)      0.68014 (16010608)      0.68377 (16010608)
 3777811.5 |      0.84580 (16102724)      0.80145 (12120308)      0.76522
(12120308)      0.72931 (12120308)      0.71660 (16010608)
 3777761.5 |      0.94406 (16102724)      0.86883 (12120308)      0.82853
(12120308)      0.78744 (12120308)      0.74849 (12120308)
 3777711.5 |      1.05059 (16102724)      0.96510 (16102724)      0.89910
(12120308)      0.85411 (12120308)      0.81036 (12120308)
 3777661.5 |      1.16774 (16102724)      1.07535 (16102724)      0.98165
(16102724)      0.92554 (12120308)      0.87721 (12120308)
 3777611.5 |      1.29752 (16102724)      1.19695 (16102724)      1.09581
(16102724)      1.00227 (12120308)      0.95155 (12120308)
 3777561.5 |      1.43859 (16102724)      1.32958 (16102724)      1.22139
(16102724)      1.11432 (16102724)      1.03048 (12120308)
 3777511.5 |      1.59801 (16102724)      1.47183 (16102724)      1.35587
(16102724)      1.24348 (16102724)      1.12848 (16102724)
 3777461.5 |      1.87103 (16123108)      1.64119 (16102724)      1.50636
(16102724)      1.38484 (16102724)      1.26380 (16102724)
 3777411.5 |      2.39082 (16123108)      1.94231 (16123108)      1.68592
(16102724)      1.53588 (16102724)      1.40401 (16102724)
 3777361.5 |      3.35759 (16121108)      2.49554 (16123108)      2.00784
(16123108)      1.77325 (16102724)      1.58126 (16102724)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 151
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART13  ;  NETWORK TYPE:
GRIDCART ***

                                     ** CONC OF CO       IN MICROGRAMS/M**3
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  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471325.86              471375.86              471425.86
       471475.86              471525.86
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777911.5 |      0.66004 (16010608)      0.66134 (16010608)      0.65790
(16010608)      0.64295 (16010608)      0.62148 (16010608)
 3777861.5 |      0.68561 (16010608)      0.68549 (16010608)      0.68309
(16010608)      0.66903 (16010608)      0.65223 (16010608)
 3777811.5 |      0.71551 (16010608)      0.71286 (16010608)      0.70680
(16010608)      0.69690 (16010608)      0.68180 (16010608)
 3777761.5 |      0.74712 (16010608)      0.74188 (16010608)      0.73557
(16010608)      0.72699 (16010608)      0.71059 (16010608)
 3777711.5 |      0.77943 (16010608)      0.77053 (16010608)      0.76753
(16010608)      0.75559 (16010608)      0.73922 (16010608)
 3777661.5 |      0.82909 (12120308)      0.80391 (16010608)      0.79441
(16010608)      0.78574 (16010608)      0.77207 (16010608)
 3777611.5 |      0.89884 (12120308)      0.84774 (12120308)      0.82493
(16010608)      0.81669 (16010608)      0.80295 (16010608)
 3777561.5 |      0.97531 (12120308)      0.91898 (12120308)      0.86299
(12120308)      0.84615 (16010608)      0.83269 (16010608)
 3777511.5 |      1.05379 (12120308)      0.99106 (12120308)      0.93512
(12120308)      0.89063 (16010608)      0.87181 (16010608)
 3777461.5 |      1.14152 (16102724)      1.06568 (12120308)      1.00759
(12120308)      0.95145 (12120308)      0.91186 (16010608)
 3777411.5 |      1.27725 (16102724)      1.14722 (16102724)      1.07175
(12120308)      1.01901 (12120308)      0.95438 (12120308)
 3777361.5 |      1.41969 (16102724)      1.28637 (16102724)      1.14414
(16102724)      1.08410 (12120308)      1.02873 (12120308)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        08:39:22

                                   PAGE 152
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
               C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
               C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
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C3037111 , C3037112 , C3037113 , C3037114 , C3037115
, C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART14 ; NETWORK TYPE:
GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 472114.69	472164.69	472214.69	472264.69	472314.69
3777124.5	0.99896 (13120708)	0.88889 (13120708)	0.86226 (13120708)	0.81504 (13120708)	0.76356 (13120708)
3777074.5	1.03545 (13120708)	0.93524 (13120708)	0.88981 (13120708)	0.83535 (13120708)	0.78022 (13120708)
3777024.5	1.07814 (13120708)	0.97638 (13120708)	0.92331 (13120708)	0.85845 (13120708)	0.79628 (13120708)
3776974.5	1.08917 (13120708)	0.99454 (13120708)	0.94596 (13120708)	0.87363 (13120708)	0.80900 (13120708)
3776924.5	1.10258 (13120708)	1.00248 (13120708)	0.96109 (13120708)	0.89641 (13120708)	0.82890 (13120708)
3776874.5	1.10712 (13120708)	0.93353 (13120708)	0.90582 (13120708)	0.85607 (13120708)	0.81136 (13120708)
3776824.5	1.10613 (13120708)	0.97391 (13120708)	0.92569 (13120708)	0.86923 (13120708)	0.82433 (12021508)
3776774.5	1.13311 (13120708)	1.02936 (13120708)	0.96031 (13120708)	0.90003 (13120708)	0.84660 (12021508)
3776724.5	1.22624 (13120708)	1.09932 (13120708)	1.00220 (13120708)	0.92428 (13120708)	0.87274 (12021508)
3776674.5	1.32996 (13120708)	1.16920 (13120708)	1.04186 (13120708)	0.94519 (13120708)	0.87787 (12021508)
3776624.5	1.45220 (13120708)	1.22975 (13120708)	1.09884 (13120708)	0.98608 (13120708)	0.90391 (12021508)
3776574.5	1.54717 (13120708)	1.30493 (13120708)	1.15179 (13120708)	1.02246 (13120708)	0.91906 (12021508)
3776524.5	1.68266 (15122308)	1.38813 (13120708)	1.19565 (13120708)	1.05134 (13120708)	0.93156 (13120708)
3776474.5	1.86051 (15122308)	1.48585 (13120708)	1.25924 (13120708)	1.08241 (13120708)	0.94734 (13120708)
3776424.5	2.03931 (15122308)	1.64054 (13120708)	1.31894 (13120708)	1.11125 (13120708)	0.96752 (13120708)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3037090 , C3037091 , C3037092 , C3037093 , C3037094 ,
C3037095 , C3037096 , C3037097 , C3037098 , C3037099 , C3037100 , C3037101 , C3037102 ,
C3037103 , C3037104 , C3037105 , C3037106 , C3037107 , C3037108 , C3037109 , C3037110 ,
C3037111 , C3037112 , C3037113 , C3037114 , C3037115 , C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART14 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 472364.69	472414.69	472464.69	472514.69	472564.69
3777124.5	0.70165 (13120708)	0.63604 (13120708)	0.57097 (12021508)	0.57877 (12112924)	0.59074 (12112924)
3777074.5	0.71434 (13120708)	0.64557 (13120708)	0.59729 (12112924)	0.60524 (12112924)	0.60471 (12112924)
3777024.5	0.72744 (13120708)	0.65604 (13120708)	0.63247 (12112924)	0.63442 (12112924)	0.62872 (12112924)
3776974.5	0.74191 (13120708)	0.66583 (13120708)	0.61796 (12112924)	0.56817 (12112924)	0.56780 (12112924)
3776924.5	0.75334 (13120708)	0.67636 (13120708)	0.61137 (12112924)	0.54112 (12021508)	0.53912 (12112924)
3776874.5	0.74948 (12021508)	0.68363 (12021508)	0.61596 (12021508)	0.55209 (12021508)	0.51483 (11100508)
3776824.5	0.76596 (12021508)	0.70080 (12021508)	0.62798 (12021508)	0.55914 (12021508)	0.50908 (11100508)
3776774.5	0.78321 (12021508)	0.71137 (12021508)	0.63691 (12021508)	0.56547 (12021508)	0.52576 (11100508)
3776724.5	0.80072 (12021508)	0.72205 (12021508)	0.64419 (12021508)	0.57266 (12021508)	0.54225 (11100508)
3776674.5	0.80145 (12021508)	0.72431 (12021508)	0.64818 (12021508)	0.57845 (12021508)	0.54857 (11100508)

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 3776624.5 |      0.81512 (12021508)      0.73316 (12021508)      0.65391
(12021508)      0.58318 (12021508)      0.53865 (11100508)
 3776574.5 |      0.82592 (12021508)      0.73974 (12021508)      0.65775
(12021508)      0.58657 (12021508)      0.55578 (11100508)
 3776524.5 |      0.83129 (12021508)      0.74082 (12021508)      0.65794
(12021508)      0.58509 (12021508)      0.53251 (11100508)
 3776474.5 |      0.83565 (12021508)      0.74357 (12021508)      0.65913
(12021508)      0.58674 (12021508)      0.53059 (15122308)
 3776424.5 |      0.84350 (13120708)      0.74699 (12021508)      0.65966
(12021508)      0.59448 (15122308)      0.53806 (15122308)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***       08:39:22

                                  PAGE 154
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART15  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       472138.17              472188.17              472238.17
       472288.17              472338.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3775714.7 |      2.34886 (15122308)      1.77537 (15122308)      1.39768
(15122308)      1.15495 (15122308)      0.98047 (15122308)
 3775664.7 |      2.40039 (15122308)      1.86554 (13120708)      1.39651
(15122308)      1.14853 (15122308)      0.97409 (15122308)
 3775614.7 |      2.32235 (15122308)      1.78479 (15122308)      1.36886
(15122308)      1.13906 (15122308)      0.96701 (15122308)
 3775564.7 |      2.19505 (15122308)      1.67662 (15122308)      1.34023
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(15122308)      1.12511 (15122308)      0.95619 (15122308)
 3775514.7 |      2.14037 (15122308)      1.64267 (15122308)      1.31660
(15122308)      1.10710 (15122308)      0.94578 (15122308)
 3775464.7 |      2.10298 (15122308)      1.61635 (15122308)      1.29129
(15122308)      1.09060 (15122308)      0.92929 (15122308)
 3775414.7 |      2.09543 (16121108)      1.58656 (15122308)      1.28109
(15122308)      1.07510 (15122308)      0.91891 (15122308)
 3775364.7 |      2.11693 (16121108)      1.58746 (16121108)      1.27410
(16121108)      1.06482 (15122308)      0.91278 (16121108)
 3775314.7 |      2.14703 (16121108)      1.59722 (16121108)      1.27612
(16121108)      1.06283 (16121108)      0.90990 (16121108)
 3775264.7 |      2.19902 (16121108)      1.60819 (16121108)      1.27611
(16121108)      1.05977 (16121108)      0.90566 (16121108)
 3775214.7 |      2.22802 (16121108)      1.61152 (16121108)      1.27319
(16121108)      1.05472 (16121108)      0.89999 (16121108)
 3775164.7 |      2.20722 (16121108)      1.60179 (16121108)      1.26475
(16121108)      1.04691 (16121108)      0.89241 (16121108)
 3775114.7 |      2.16534 (16121108)      1.58264 (16121108)      1.25218
(16121108)      1.03685 (16121108)      0.88338 (16121108)
 3775064.7 |      2.12721 (16121108)      1.56242 (16121108)      1.23745
(16121108)      1.02468 (16121108)      0.87285 (16121108)
 3775014.7 |      2.10054 (16121108)      1.54340 (16121108)      1.22216
(16121108)      1.01172 (16121108)      0.86109 (16121108)
 3774964.7 |      2.06762 (16121108)      1.52154 (16121108)      1.20574
(16121108)      0.99735 (16121108)      0.84797 (16121108)
 3774914.7 |      2.03798 (16121108)      1.50209 (16121108)      1.18844
(16121108)      0.98129 (16121108)      0.83350 (16121108)
 3774864.7 |      2.01200 (16121108)      1.48110 (16121108)      1.16891
(16121108)      0.96326 (16121108)      0.81686 (16121108)
 3774814.7 |      1.99268 (16121108)      1.45697 (16121108)      1.14607
(16121108)      0.94217 (16121108)      0.79790 (16121108)
 3774764.7 |      1.95579 (16121108)      1.42652 (16121108)      1.11889
(16121108)      0.91787 (16121108)      0.77651 (16121108)
 3774714.7 |      1.90478 (16121108)      1.38685 (16121108)      1.08505
(16121108)      0.88885 (16121108)      0.75118 (16121108)
 3774664.7 |      1.85805 (16121108)      1.33872 (16121108)      1.04356
(16121108)      0.85402 (16121108)      0.72198 (16121108)
 3774614.7 |      1.78162 (16121108)      1.27452 (16121108)      0.99241
(16121108)      0.81286 (16121108)      0.68832 (16121108)
 3774564.7 |      1.65433 (16121108)      1.19025 (16121108)      0.93034
(16121108)      0.76525 (16121108)      0.65068 (16121108)
 3774514.7 |      1.49368 (16121108)      1.08682 (16121108)      0.85739
(16121108)      0.71118 (16121108)      0.60897 (16121108)
 3774464.7 |      1.30431 (16121108)      0.96689 (16121108)      0.77610
(11013108)      0.65395 (11013108)      0.56458 (16121108)
 3774414.7 |      1.09086 (11013108)      0.86067 (11013108)      0.71166
(11013108)      0.60816 (11013108)      0.53060 (11013108)
 3774364.7 |      0.96541 (11012724)      0.76890 (11012724)      0.64725
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(11013108) 0.56312 (11013108) 0.49729 (11013108)
3774314.7 | 0.86668 (11012724) 0.70182 (11012724) 0.59772
(12030408) 0.52572 (12030408) 0.46774 (12030408)
3774264.7 | 0.77530 (11012724) 0.64991 (11012724) 0.55668
(12030408) 0.49587 (12030408) 0.44505 (12030408)
*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3037090 , C3037091
, C3037092 , C3037093 , C3037094 ,
C3037095 , C3037096 , C3037097 , C3037098 , C3037099
, C3037100 , C3037101 , C3037102 ,
C3037103 , C3037104 , C3037105 , C3037106 , C3037107
, C3037108 , C3037109 , C3037110 ,
C3037111 , C3037112 , C3037113 , C3037114 , C3037115
, C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART16 ; NETWORK TYPE:
GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 472255.22 472305.22 472355.22
472405.22 472455.22
- -
- -

3776236.9 | 1.23514 (13120708) 1.05319 (13120708) 0.90770
(15122308) 0.79842 (15122308) 0.70903 (15122308)
3776186.9 | 1.25084 (13120708) 1.06764 (13120708) 0.91920
(15122308) 0.80968 (15122308) 0.71503 (15122308)
3776136.9 | 1.26375 (15122308) 1.07892 (15122308) 0.92679
(15122308) 0.81377 (15122308) 0.71909 (15122308)
3776086.9 | 1.27922 (15122308) 1.08583 (15122308) 0.93337
(15122308) 0.81811 (15122308) 0.72113 (15122308)
3776036.9 | 1.29177 (15122308) 1.09138 (15122308) 0.93893
(15122308) 0.81865 (15122308) 0.72195 (15122308)
3775986.9 | 1.30320 (15122308) 1.10015 (15122308) 0.94523
(15122308) 0.82171 (15122308) 0.71919 (15122308)

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 3775936.9 |      1.31713 (15122308)      1.10363 (15122308)      0.94748
(15122308)      0.82277 (15122308)      0.71904 (15122308)
 3775886.9 |      1.31983 (15122308)      1.10586 (15122308)      0.94507
(15122308)      0.81705 (15122308)      0.71893 (15122308)
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(16122308)      2.00477m(11072608)      2.88758 (15122308)
 3775752.4 |      1.16685m(12121224)      1.33282m(12121224)      1.56643
(16122308)      2.01203m(11072608)      2.89232 (15122308)
 3775702.4 |      1.17803m(12121224)      1.34757m(12121224)      1.58660
(16122308)      2.04293m(11072608)      2.94756 (15122308)
 3775652.4 |      1.18518m(12121224)      1.38547m(12121224)
1.70411m(12121224)      2.37542m(12121224)      3.25240m(11072608)
 3775602.4 |      1.18792m(12121224)      1.37826m(12121224)      1.66274
(16122308)      2.21699m(11072608)      3.60718 (16121108)
 3775552.4 |      1.18443m(12121224)      1.38355m(12121224)      1.69687
(16122308)      2.30243 (16121108)      3.86478 (16121108)
 3775502.4 |      1.17204m(12121224)      1.38248 (16122308)      1.73905
(16122308)      2.41055 (16121108)      4.09692 (16121108)
 3775452.4 |      1.14739 (12120308)      1.38551 (16122308)      1.76040
(16122308)      2.55118 (16121108)      5.10011 (16121108)
 3775402.4 |      1.13560 (16122308)      1.37895 (16122308)      1.75704
(16122308)      2.54199 (16121108)      5.20733 (16121108)
 3775352.4 |      1.12005 (16122308)      1.35655 (16122308)      1.71011
(16122308)      2.37709 (16121108)      3.93745 (16121108)
 3775302.4 |      1.10080 (12120308)      1.32641 (16122308)      1.65242
(16121108)      2.25600 (16121108)      3.70672 (16121108)
 3775252.4 |      1.07848 (16122308)      1.29111 (16122308)      1.60633
(16121108)      2.15776 (16121108)      3.40492 (16121108)
 3775202.4 |      1.05843 (16122308)      1.26377 (16121108)      1.57098
(16121108)      2.07938 (16121108)      3.13184 (16121108)
 3775152.4 |      1.04479 (16121108)      1.24858 (16121108)      1.54741
(16121108)      2.04377 (16121108)      3.09610 (16121108)
 3775102.4 |      1.03621 (16121108)      1.23838 (16121108)      1.53776
(16121108)      2.03987 (16121108)      3.14244 (16121108)
 3775052.4 |      1.02976 (16121108)      1.23542 (16121108)      1.53944
(16121108)      2.05136 (16121108)      3.19660 (16121108)
 3775002.4 |      1.02493 (16121108)      1.23500 (16121108)      1.54768
(16121108)      2.07929 (16121108)      3.25255 (16121108)
 3774952.4 |      1.02219 (16121108)      1.23760 (16121108)      1.56514
(16121108)      2.13219 (16121108)      3.39970 (16121108)
 3774902.4 |      1.01754 (16121108)      1.24121 (16121108)      1.58804
(16121108)      2.21396 (16121108)      3.81221 (16121108)
 3774852.4 |      1.01030 (16121108)      1.24151 (16121108)      1.60587
(16121108)      2.27701 (16121108)      4.07829 (16121108)
 3774802.4 |      0.99782 (16121108)      1.23413 (16121108)      1.61459
(16121108)      2.32467 (16121108)      3.99615 (16121108)
 3774752.4 |      0.97757 (16121108)      1.21516 (16121108)      1.60606
(16121108)      2.39240 (16121108)      5.12948 (16121108)
 3774702.4 |      0.94858 (16121108)      1.18044 (16121108)      1.55988
(16121108)      2.30643 (16121108)      4.61136 (16121108)
 3774652.4 |      0.93179 (12121108)      1.13299 (12121108)      1.48459
(16121108)      2.12181 (16121108)      3.54611 (16121108)
 3774602.4 |      0.92235 (12121108)      1.12097 (12121108)      1.42575
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(12121108)      2.01299 (16121108)      3.38961 (16121108)
 3774552.4 |      0.90515 (12121108)      1.09144 (12121108)      1.36768
(12121108)      1.96428 (16121108)      3.94030 (16121108)
 3774502.4 |      0.87932 (12121108)      1.04895 (12121108)      1.30714
(11112924)      1.80401 (16121108)      3.95195 (16121108)
 3774452.4 |      0.84985 (12121108)      1.00541 (12121108)      1.25096
(11112924)      1.70026 (11112924)      2.72445 (16012724)
 3774402.4 |      0.81837 (12121108)      0.96254 (11112924)      1.18683
(11112924)      1.54458 (11112924)      2.12065 (11112924)
 3774352.4 |      0.78358 (12121108)      0.91962 (11112924)      1.10680
(11112924)      1.35374 (11112924)      1.60662 (11112924)
 3774302.4 |      0.75257 (11112924)      0.86887 (11112924)      1.00980
(11112924)      1.15344 (11112924)      1.21954 (11112924)
 3774252.4 |      0.71899 (11112924)      0.81118 (11112924)      0.91186
(11112924)      0.98742 (11112924)      0.98227 (13121608)
 3774202.4 |      0.68028 (11112924)      0.75113 (11112924)      0.81813
(11112924)      0.84758 (11112924)      0.82401 (13121608)
 3774152.4 |      0.64094 (11112924)      0.69079 (11112924)      0.72564
(11112924)      0.73352 (13121608)      0.70572 (12011408)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***       08:39:22

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

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

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       472023.42
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
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 3776102.4 |      7.22871 (16121108)
 3776052.4 |      7.55390 (16121108)
 3776002.4 |      7.36362 (16121108)
 3775952.4 |      6.59413 (16121108)
 3775902.4 |      6.53337 (16121108)
 3775852.4 |      6.49624 (16121108)
 3775802.4 |      6.41093 (16121108)
 3775752.4 |      6.33814 (16121108)
 3775702.4 |      6.32531 (16121108)
 3775652.4 |      6.79620 (16121108)
 3775602.4 |      6.07726 (16121108)
 3775552.4 |      7.31631 (16121108)
 3775502.4 |      7.34433 (16121108)
 3775452.4 |      7.30557 (16121108)
 3775402.4 |      7.03666 (16121108)
 3775352.4 |      7.42617 (16121108)
 3775302.4 |      7.39095 (16121108)
 3775252.4 |      9.33529 (16121108)
 3775202.4 |      7.29613 (16121108)
 3775152.4 |      7.84637 (16121108)
 3775102.4 |      8.65839 (16121108)
 3775052.4 |      9.43871 (16121108)
 3775002.4 |      8.04906 (16121108)
 3774952.4 |      8.28962 (16121108)
 3774902.4 |      7.89066 (16121108)
 3774852.4 |      7.74356 (16121108)
 3774802.4 |      7.60641 (16121108)
 3774752.4 |      9.67027 (16121108)
 3774702.4 |      8.58496 (16121108)
 3774652.4 |      8.58869 (16121108)
 3774602.4 |      8.29439 (16121108)
 3774552.4 |      8.13229 (16121108)
 3774502.4 |      8.60103 (16121108)
 3774452.4 |      5.36444 (16121108)
 3774402.4 |      2.90847 (16012724)
 3774352.4 |      1.63377 (12011408)
 3774302.4 |      1.19322 (12011408)
 3774252.4 |      0.95626 (12011408)
 3774202.4 |      0.80485 (12011408)
 3774152.4 |      0.69855 (12011408)
*** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
*** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 158
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                 *** NETWORK ID: UCART2   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471764.54               471814.54               471864.54
       471914.54               471964.54
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3776302.8 |      1.34307m(12121224)      1.49088 (16122308)
1.79109m(11072608)      2.29773m(11072608)      3.36112 (16121108)
 3776252.8 |      1.31602m(12121224)      1.43325 (16122308)
1.71495m(11072608)      2.18679m(11072608)      3.11844 (16121108)
 3776202.8 |      1.25829m(12121224)      1.40285m(12121224)
1.66908m(11072608)      2.14121m(11072608)      3.06316 (16121108)
 3776152.8 |      1.23224m(12121224)      1.38269m(12121224)
1.64009m(11072608)      2.12220m(11072608)      3.13497 (16121108)
 3776102.8 |      1.22524m(12121224)      1.37875m(12121224)
1.61816m(11072608)      2.11210m(11072608)      3.18897 (16121108)
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                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
```

C3037103 , C3037104 , C3037105 , C3037106 , C3037107
, C3037108 , C3037109 , C3037110 ,
C3037111 , C3037112 , C3037113 , C3037114 , C3037115
, C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART2 ; NETWORK TYPE:
GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 472014.54
- - - -

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      471906.60               471956.60
 - - -
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3776304.7 | 6.83641 (16121108)

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): C3037090 , C3037091 , C3037092 , C3037093 , C3037094 ,
C3037095 , C3037096 , C3037097 , C3037098 , C3037099 , C3037100 , C3037101 , C3037102 ,
C3037103 , C3037104 , C3037105 , C3037106 , C3037107 , C3037108 , C3037109 , C3037110 ,
C3037111 , C3037112 , C3037113 , C3037114 , C3037115 , C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	471664.52	471714.52	471764.52	471814.52	471864.52
3776653.9	1.98659 (16123108)	2.30442 (16121108)	3.03051 (16121108)	4.94355 (16121108)	7.17225 (16121108)
3776603.9	1.75615 (16123108)	1.93386 (16123108)	2.33390 (16121108)	3.21225 (16121108)	5.94665 (16121108)
3776553.9	1.58680 (16123108)	1.70479 (16123108)	1.95830 (16122308)	2.52562 (16122308)	3.94282 (16121108)
3776503.9	1.48470 (16123108)	1.58250 (16123108)	1.72517 (16122308)	2.11147 (16122308)	2.81426m(11072608)

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                                *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART4   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       471914.52
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776653.9 |      4.33366 (16121108)
 3776603.9 |      8.13875 (16121108)
 3776553.9 |      8.13074 (16121108)
 3776503.9 |      4.46376 (16121108)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***       08:39:22

                                  PAGE 164
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART5   ;  NETWORK TYPE:
GRIDCART ***
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                                    ** CONC OF CO       IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       471554.26              471604.26              471654.26
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3776759.2 |      2.08694 (16123108)      2.45850 (16121108)      3.29264
(16121108)
 3776709.2 |      1.78669 (16123108)      1.98808 (16123108)      2.33156
(16121108)
 3776659.2 |      1.59139 (16123108)      1.73621 (16123108)      1.96047
(16123108)
 3776609.2 |      1.44708 (16123108)      1.58273 (16123108)      1.75243
(16123108)
 3776559.2 |      1.35795 (16123108)      1.46456 (16123108)      1.58197
(16123108)
*** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 165
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART6   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       471343.73              471393.73              471443.73
       471493.73              471543.73
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
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 3776922.8 |      2.06136 (16123108)      2.42977 (16123108)      3.19208
(16121108)      5.20446 (16121108)      7.14406 (16121108)
 3776872.8 |      1.75448 (16123108)      1.97737 (16123108)      2.29603
(16123108)      3.01739 (16123108)      4.52001 (16121108)
 3776822.8 |      1.55948 (16123108)      1.70471 (16123108)      1.90224
(16123108)      2.31242 (16123108)      2.84947 (16123108)
 3776772.8 |      1.41954 (16123108)      1.53074 (16123108)      1.66928
(16123108)      1.86376 (16123108)      2.17064 (16123108)
 3776722.8 |      1.31617 (16123108)      1.40736 (16123108)      1.51242
(16123108)      1.64072 (16123108)      1.82189 (16123108)
 3776672.8 |      1.24373 (16123108)      1.31023 (16123108)      1.39436
(16123108)      1.50210 (16123108)      1.60458 (16123108)
 3776622.8 |      1.16571 (16123108)      1.23069 (16123108)      1.30634
(16123108)      1.38043 (16123108)      1.45385 (16123108)
 3776572.8 |      1.10538 (16123108)      1.15901 (16123108)      1.22808
(16123108)      1.28202 (16123108)      1.35949 (16123108)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***       08:39:22

                                 PAGE 166
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                 *** NETWORK ID: UCART7   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       471137.27              471187.27              471237.27
       471287.27              471337.27
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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 3777005.9 |      1.62979 (16123108)      1.80633 (16123108)      2.04255
(16123108)      2.41012 (16123108)      3.12065 (16121108)
 3776955.9 |      1.48176 (16123108)      1.61864 (16123108)      1.77705
(16123108)      1.99815 (16123108)      2.29652 (16123108)
 3776905.9 |      1.36078 (16123108)      1.46091 (16123108)      1.56421
(16123108)      1.71461 (16123108)      1.91273 (16123108)
 3776855.9 |      1.26018 (16123108)      1.33898 (16123108)      1.42209
(16123108)      1.52726 (16123108)      1.66099 (16123108)
 3776805.9 |      1.17456 (16123108)      1.24348 (16123108)      1.30774
(16123108)      1.39386 (16123108)      1.49350 (16123108)
 3776755.9 |      1.10473 (16123108)      1.15900 (16123108)      1.22185
(16123108)      1.29346 (16123108)      1.37260 (16123108)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***       08:39:22

                                 PAGE 167
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                 *** NETWORK ID: UCART8   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       471025.84              471075.84              471125.84
       471175.84              471225.84
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3777113.8 |      1.70943 (16123108)      1.91282 (16123108)      2.18253
(16123108)      2.66353 (16123108)      3.76485 (16121108)
 3777063.8 |      1.52988 (16123108)      1.67190 (16123108)      1.85322
(16123108)      2.11784 (16123108)      2.51567 (16123108)
 3777013.8 |      1.39632 (16123108)      1.50496 (16123108)      1.63344
```

(16123108)   1.80442 (16123108)   2.03882 (16123108)
↑ *** AERMOD - VERSION 19191 ***   *** Construction CO
***   06/23/20
*** AERMET - VERSION 16216 ***   ***
***   08:39:22

PAGE 168
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE   1ST HIGHEST 8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   C3037090   , C3037091
, C3037092   , C3037093   , C3037094   ,
C3037095   , C3037096   , C3037097   , C3037098   , C3037099
, C3037100   , C3037101   , C3037102   ,
C3037103   , C3037104   , C3037105   , C3037106   , C3037107
, C3037108   , C3037109   , C3037110   ,
C3037111   , C3037112   , C3037113   , C3037114   , C3037115
, C3037116   , C3037117   , . . .   ,

*** NETWORK ID: UCART8   ; NETWORK TYPE:
GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 471275.84
- -
- -

3777113.8 | 7.29722 (16121108)
3777063.8 | 3.38700 (16121108)
3777013.8 | 2.39202 (16123108)
↑ *** AERMOD - VERSION 19191 ***   *** Construction CO
***   06/23/20
*** AERMET - VERSION 16216 ***   ***
***   08:39:22

PAGE 169
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE   1ST HIGHEST 8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   C3037090   , C3037091
, C3037092   , C3037093   , C3037094   ,
C3037095   , C3037096   , C3037097   , C3037098   , C3037099
, C3037100   , C3037101   , C3037102   ,

```
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART9   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471071.36              471121.36              471171.36
       471221.36
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3777220.7 |      3.26820 (16121108)      5.38314 (16121108)      7.25863
(16121108)      4.85209 (16121108)
 3777170.7 |      2.36286 (16123108)      2.96610 (16121108)      4.48150
(16121108)      6.74694 (16121108)
 3777120.7 |      1.93595 (16123108)      2.21650 (16123108)      2.71557
(16123108)      3.90949 (16121108)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***       08:39:22

                                   PAGE 170
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART10  ;  NETWORK TYPE:
GRIDCART ***

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

```
  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       470606.55               470656.55               470706.55
       470756.55               470806.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777252.6 |      1.04293 (16123108)      1.12349 (16123108)      1.21460
(16123108)      1.34516 (16123108)      1.50762 (16123108)
 3777202.6 |      0.99042 (16123108)      1.05601 (16123108)      1.13783
(16123108)      1.23434 (16123108)      1.34148 (16123108)
 3777152.6 |      0.93373 (16123108)      0.99120 (16123108)      1.06158
(16123108)      1.14093 (16123108)      1.23676 (16123108)
 3777102.6 |      0.89281 (16123108)      0.94321 (16123108)      1.00987
(16123108)      1.07929 (16123108)      1.15263 (16123108)
 3777052.6 |      0.84848 (16123108)      0.89763 (16123108)      0.95873
(16123108)      1.02061 (16123108)      1.08550 (16123108)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 171
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART10  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       470856.55               470906.55               470956.55
       471006.55               471056.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777252.6 |      1.74576 (16123108)      2.06151 (16123108)      2.59652
```

```
(16123108)      3.05523 (16123108)      4.10790 (16121108)
 3777202.6 |      1.49321 (16123108)      1.65488 (16123108)      1.86762
(16123108)      2.16888 (16123108)      2.62809 (16123108)
 3777152.6 |      1.35143 (16123108)      1.47168 (16123108)      1.62080
(16123108)      1.81922 (16123108)      2.08767 (16123108)
 3777102.6 |      1.24453 (16123108)      1.34778 (16123108)      1.46875
(16123108)      1.59873 (16123108)      1.77952 (16123108)
 3777052.6 |      1.16224 (16123108)      1.24850 (16123108)      1.34426
(16123108)      1.44498 (16123108)      1.58222 (16123108)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 172
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART11  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       470269.99               470319.99               470369.99
       470419.99
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3777554.4 |      0.76016 (16123108)      0.80314 (16123108)      0.87215
(16123108)      0.95084 (16123108)
 3777504.4 |      0.75041 (16123108)      0.79852 (16123108)      0.85492
(16123108)      0.92917 (16123108)
 3777454.4 |      0.73866 (16123108)      0.78897 (16123108)      0.83807
(16123108)      0.90249 (16123108)
 3777404.4 |      0.72653 (16123108)      0.76809 (16123108)      0.81742
(16123108)      0.87417 (16123108)
```

```
 3777354.4 |      0.70767 (16123108)      0.74995 (16123108)      0.79574
(16123108)      0.84711 (16123108)
 3777304.4 |      0.69093 (16123108)      0.73096 (16123108)      0.77399
(16123108)      0.82385 (16123108)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 173
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART12  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       468710.70              468760.70              468810.70
       468860.70              468910.70
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3779663.0 |      0.34802 (15122208)      0.38809 (15122208)      0.46990
(13012224)      0.60642 (13012224)      0.81050 (13012224)
 3779613.0 |      0.35816 (15122208)      0.39045 (15122208)      0.44668
(13012224)      0.55599 (13012224)      0.70344 (13012224)
 3779563.0 |      0.36314 (15122208)      0.38720 (15122208)      0.42229
(15122208)      0.49385 (13012224)      0.59821 (13012224)
 3779513.0 |      0.36435 (15122208)      0.38130 (15122208)      0.40408
(15122208)      0.43561 (15122208)      0.50196 (13012224)
 3779463.0 |      0.36311 (15122208)      0.37466 (15122208)      0.38850
(15122208)      0.40626 (15122208)      0.42864 (15122208)
 3779413.0 |      0.36003 (15122208)      0.36845 (15122208)      0.37672
(15122208)      0.38552 (15122208)      0.39533 (15122208)
 3779363.0 |      0.35515 (15122208)      0.36251 (15122208)      0.36824
```

(15122208) 0.37231 (15122208) 0.37532 (15122208)
3779313.0 | 0.34860 (15122208) 0.35653 (15122208) 0.36192
(15122208) 0.36452 (15122208) 0.36473 (15122208)
*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

PAGE 174
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): C3037090 , C3037091
, C3037092 , C3037093 , C3037094 ,
C3037095 , C3037096 , C3037097 , C3037098 , C3037099
, C3037100 , C3037101 , C3037102 ,
C3037103 , C3037104 , C3037105 , C3037106 , C3037107
, C3037108 , C3037109 , C3037110 ,
C3037111 , C3037112 , C3037113 , C3037114 , C3037115
, C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART12 ; NETWORK TYPE:
GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 468960.70 469010.70 469060.70
- - - -

```
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        08:39:22

                                   PAGE 175
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART13  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471075.86              471125.86              471175.86
       471225.86              471275.86
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777911.5 |      0.71457 (12120308)      0.68551 (12120308)      0.65847
(12120308)      0.64841 (16010608)      0.65368 (16010608)
 3777861.5 |      0.77230 (12120308)      0.74056 (12120308)      0.70899
(12120308)      0.68014 (16010608)      0.68377 (16010608)
 3777811.5 |      0.84580 (16102724)      0.80145 (12120308)      0.76522
(12120308)      0.72931 (12120308)      0.71660 (16010608)
 3777761.5 |      0.94406 (16102724)      0.86883 (12120308)      0.82853
(12120308)      0.78744 (12120308)      0.74849 (12120308)
 3777711.5 |      1.05059 (16102724)      0.96510 (16102724)      0.89910
(12120308)      0.85411 (12120308)      0.81036 (12120308)
 3777661.5 |      1.16774 (16102724)      1.07535 (16102724)      0.98165
(16102724)      0.92554 (12120308)      0.87721 (12120308)
 3777611.5 |      1.29752 (16102724)      1.19695 (16102724)      1.09581
(16102724)      1.00227 (12120308)      0.95155 (12120308)
 3777561.5 |      1.43859 (16102724)      1.32958 (16102724)      1.22139
(16102724)      1.11432 (16102724)      1.03048 (12120308)
```

```
 3777511.5 |      1.59801 (16102724)      1.47183 (16102724)      1.35587
(16102724)      1.24348 (16102724)      1.12848 (16102724)
 3777461.5 |      1.87103 (16123108)      1.64119 (16102724)      1.50636
(16102724)      1.38484 (16102724)      1.26380 (16102724)
 3777411.5 |      2.39082 (16123108)      1.94231 (16123108)      1.68592
(16102724)      1.53588 (16102724)      1.40401 (16102724)
 3777361.5 |      3.35759 (16121108)      2.49554 (16123108)      2.00784
(16123108)      1.77325 (16102724)      1.58126 (16102724)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***       08:39:22

                                 PAGE 176
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                 *** NETWORK ID: UCART13  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       471325.86              471375.86              471425.86
       471475.86              471525.86
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777911.5 |      0.66004 (16010608)      0.66134 (16010608)      0.65790
(16010608)      0.64295 (16010608)      0.62148 (16010608)
 3777861.5 |      0.68561 (16010608)      0.68549 (16010608)      0.68309
(16010608)      0.66903 (16010608)      0.65223 (16010608)
 3777811.5 |      0.71551 (16010608)      0.71286 (16010608)      0.70680
(16010608)      0.69690 (16010608)      0.68180 (16010608)
 3777761.5 |      0.74712 (16010608)      0.74188 (16010608)      0.73557
(16010608)      0.72699 (16010608)      0.71059 (16010608)
 3777711.5 |      0.77943 (16010608)      0.77053 (16010608)      0.76753
```

```
(16010608)      0.75559 (16010608)      0.73922 (16010608)
 3777661.5 |      0.82909 (12120308)      0.80391 (16010608)      0.79441
(16010608)      0.78574 (16010608)      0.77207 (16010608)
 3777611.5 |      0.89884 (12120308)      0.84774 (12120308)      0.82493
(16010608)      0.81669 (16010608)      0.80295 (16010608)
 3777561.5 |      0.97531 (12120308)      0.91898 (12120308)      0.86299
(12120308)      0.84615 (16010608)      0.83269 (16010608)
 3777511.5 |      1.05379 (12120308)      0.99106 (12120308)      0.93512
(12120308)      0.89063 (16010608)      0.87181 (16010608)
 3777461.5 |      1.14152 (16102724)      1.06568 (12120308)      1.00759
(12120308)      0.95145 (12120308)      0.91186 (16010608)
 3777411.5 |      1.27725 (16102724)      1.14722 (16102724)      1.07175
(12120308)      1.01901 (12120308)      0.95438 (12120308)
 3777361.5 |      1.41969 (16102724)      1.28637 (16102724)      1.14414
(16102724)      1.08410 (12120308)      1.02873 (12120308)
```



```
                                *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART14  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       472114.69              472164.69              472214.69
       472264.69              472314.69
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777124.5 |      0.99896 (13120708)      0.88889 (13120708)      0.86226
(13120708)      0.81504 (13120708)      0.76356 (13120708)
```

```
 3777074.5 |      1.03545 (13120708)      0.93524 (13120708)      0.88981
(13120708)      0.83535 (13120708)      0.78022 (13120708)
 3777024.5 |      1.07814 (13120708)      0.97638 (13120708)      0.92331
(13120708)      0.85845 (13120708)      0.79628 (13120708)
 3776974.5 |      1.08917 (13120708)      0.99454 (13120708)      0.94596
(13120708)      0.87363 (13120708)      0.80900 (13120708)
 3776924.5 |      1.10258 (13120708)      1.00248 (13120708)      0.96109
(13120708)      0.89641 (13120708)      0.82890 (13120708)
 3776874.5 |      1.10712 (13120708)      0.93353 (13120708)      0.90582
(13120708)      0.85607 (13120708)      0.81136 (13120708)
 3776824.5 |      1.10613 (13120708)      0.97391 (13120708)      0.92569
(13120708)      0.86923 (13120708)      0.82433 (12021508)
 3776774.5 |      1.13311 (13120708)      1.02936 (13120708)      0.96031
(13120708)      0.90003 (13120708)      0.84660 (12021508)
 3776724.5 |      1.22624 (13120708)      1.09932 (13120708)      1.00220
(13120708)      0.92428 (13120708)      0.87274 (12021508)
 3776674.5 |      1.32996 (13120708)      1.16920 (13120708)      1.04186
(13120708)      0.94519 (13120708)      0.87787 (12021508)
 3776624.5 |      1.45220 (13120708)      1.22975 (13120708)      1.09884
(13120708)      0.98608 (13120708)      0.90391 (12021508)
 3776574.5 |      1.54717 (13120708)      1.30493 (13120708)      1.15179
(13120708)      1.02246 (13120708)      0.91906 (12021508)
 3776524.5 |      1.68266 (15122308)      1.38813 (13120708)      1.19565
(13120708)      1.05134 (13120708)      0.93156 (13120708)
 3776474.5 |      1.86051 (15122308)      1.48585 (13120708)      1.25924
(13120708)      1.08241 (13120708)      0.94734 (13120708)
 3776424.5 |      2.03931 (15122308)      1.64054 (13120708)      1.31894
(13120708)      1.11125 (13120708)      0.96752 (13120708)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***       08:39:22

                                  PAGE 178
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
               C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
               C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
               C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART14  ;  NETWORK TYPE:
```

```
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       472364.69               472414.69               472464.69
       472514.69               472564.69
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3777124.5 |      0.70165 (13120708)      0.63604 (13120708)      0.57097
(12021508)      0.57877 (12112924)      0.59074 (12112924)
 3777074.5 |      0.71434 (13120708)      0.64557 (13120708)      0.59729
(12112924)      0.60524 (12112924)      0.60471 (12112924)
 3777024.5 |      0.72744 (13120708)      0.65604 (13120708)      0.63247
(12112924)      0.63442 (12112924)      0.62872 (12112924)
 3776974.5 |      0.74191 (13120708)      0.66583 (13120708)      0.61796
(12112924)      0.56817 (12112924)      0.56780 (12112924)
 3776924.5 |      0.75334 (13120708)      0.67636 (13120708)      0.61137
(12112924)      0.54112 (12021508)      0.53912 (12112924)
 3776874.5 |      0.74948 (12021508)      0.68363 (12021508)      0.61596
(12021508)      0.55209 (12021508)      0.51483 (11100508)
 3776824.5 |      0.76596 (12021508)      0.70080 (12021508)      0.62798
(12021508)      0.55914 (12021508)      0.50908 (11100508)
 3776774.5 |      0.78321 (12021508)      0.71137 (12021508)      0.63691
(12021508)      0.56547 (12021508)      0.52576 (11100508)
 3776724.5 |      0.80072 (12021508)      0.72205 (12021508)      0.64419
(12021508)      0.57266 (12021508)      0.54225 (11100508)
 3776674.5 |      0.80145 (12021508)      0.72431 (12021508)      0.64818
(12021508)      0.57845 (12021508)      0.54857 (11100508)
 3776624.5 |      0.81512 (12021508)      0.73316 (12021508)      0.65391
(12021508)      0.58318 (12021508)      0.53865 (11100508)
 3776574.5 |      0.82592 (12021508)      0.73974 (12021508)      0.65775
(12021508)      0.58657 (12021508)      0.55578 (11100508)
 3776524.5 |      0.83129 (12021508)      0.74082 (12021508)      0.65794
(12021508)      0.58509 (12021508)      0.53251 (11100508)
 3776474.5 |      0.83565 (12021508)      0.74357 (12021508)      0.65913
(12021508)      0.58674 (12021508)      0.53059 (15122308)
 3776424.5 |      0.84350 (13120708)      0.74699 (12021508)      0.65966
(12021508)      0.59448 (15122308)      0.53806 (15122308)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        08:39:22

                                   PAGE 179
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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```
                                *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                 C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                 C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                 C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART15  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       472138.17              472188.17              472238.17
       472288.17              472338.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3775714.7 |      2.34886 (15122308)      1.77537 (15122308)      1.39768
(15122308)      1.15495 (15122308)      0.98047 (15122308)
 3775664.7 |      2.40039 (15122308)      1.86554 (13120708)      1.39651
(15122308)      1.14853 (15122308)      0.97409 (15122308)
 3775614.7 |      2.32235 (15122308)      1.78479 (15122308)      1.36886
(15122308)      1.13906 (15122308)      0.96701 (15122308)
 3775564.7 |      2.19505 (15122308)      1.67662 (15122308)      1.34023
(15122308)      1.12511 (15122308)      0.95619 (15122308)
 3775514.7 |      2.14037 (15122308)      1.64267 (15122308)      1.31660
(15122308)      1.10710 (15122308)      0.94578 (15122308)
 3775464.7 |      2.10298 (15122308)      1.61635 (15122308)      1.29129
(15122308)      1.09060 (15122308)      0.92929 (15122308)
 3775414.7 |      2.09543 (16121108)      1.58656 (15122308)      1.28109
(15122308)      1.07510 (15122308)      0.91891 (15122308)
 3775364.7 |      2.11693 (16121108)      1.58746 (16121108)      1.27410
(16121108)      1.06482 (15122308)      0.91278 (16121108)
 3775314.7 |      2.14703 (16121108)      1.59722 (16121108)      1.27612
(16121108)      1.06283 (16121108)      0.90990 (16121108)
 3775264.7 |      2.19902 (16121108)      1.60819 (16121108)      1.27611
(16121108)      1.05977 (16121108)      0.90566 (16121108)
 3775214.7 |      2.22802 (16121108)      1.61152 (16121108)      1.27319
(16121108)      1.05472 (16121108)      0.89999 (16121108)
 3775164.7 |      2.20722 (16121108)      1.60179 (16121108)      1.26475
(16121108)      1.04691 (16121108)      0.89241 (16121108)
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 3775114.7 |      2.16534 (16121108)      1.58264 (16121108)      1.25218
(16121108)      1.03685 (16121108)      0.88338 (16121108)
 3775064.7 |      2.12721 (16121108)      1.56242 (16121108)      1.23745
(16121108)      1.02468 (16121108)      0.87285 (16121108)
 3775014.7 |      2.10054 (16121108)      1.54340 (16121108)      1.22216
(16121108)      1.01172 (16121108)      0.86109 (16121108)
 3774964.7 |      2.06762 (16121108)      1.52154 (16121108)      1.20574
(16121108)      0.99735 (16121108)      0.84797 (16121108)
 3774914.7 |      2.03798 (16121108)      1.50209 (16121108)      1.18844
(16121108)      0.98129 (16121108)      0.83350 (16121108)
 3774864.7 |      2.01200 (16121108)      1.48110 (16121108)      1.16891
(16121108)      0.96326 (16121108)      0.81686 (16121108)
 3774814.7 |      1.99268 (16121108)      1.45697 (16121108)      1.14607
(16121108)      0.94217 (16121108)      0.79790 (16121108)
 3774764.7 |      1.95579 (16121108)      1.42652 (16121108)      1.11889
(16121108)      0.91787 (16121108)      0.77651 (16121108)
 3774714.7 |      1.90478 (16121108)      1.38685 (16121108)      1.08505
(16121108)      0.88885 (16121108)      0.75118 (16121108)
 3774664.7 |      1.85805 (16121108)      1.33872 (16121108)      1.04356
(16121108)      0.85402 (16121108)      0.72198 (16121108)
 3774614.7 |      1.78162 (16121108)      1.27452 (16121108)      0.99241
(16121108)      0.81286 (16121108)      0.68832 (16121108)
 3774564.7 |      1.65433 (16121108)      1.19025 (16121108)      0.93034
(16121108)      0.76525 (16121108)      0.65068 (16121108)
 3774514.7 |      1.49368 (16121108)      1.08682 (16121108)      0.85739
(16121108)      0.71118 (16121108)      0.60897 (16121108)
 3774464.7 |      1.30431 (16121108)      0.96689 (16121108)      0.77610
(11013108)      0.65395 (11013108)      0.56458 (16121108)
 3774414.7 |      1.09086 (11013108)      0.86067 (11013108)      0.71166
(11013108)      0.60816 (11013108)      0.53060 (11013108)
 3774364.7 |      0.96541 (11012724)      0.76890 (11012724)      0.64725
(11013108)      0.56312 (11013108)      0.49729 (11013108)
 3774314.7 |      0.86668 (11012724)      0.70182 (11012724)      0.59772
(12030408)      0.52572 (12030408)      0.46774 (12030408)
 3774264.7 |      0.77530 (11012724)      0.64991 (11012724)      0.55668
(12030408)      0.49587 (12030408)      0.44505 (12030408)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        08:39:22

                                   PAGE 180
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
```

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                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART16  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       472255.22               472305.22               472355.22
       472405.22               472455.22
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3776236.9 |      1.23514 (13120708)      1.05319 (13120708)      0.90770
(15122308)      0.79842 (15122308)      0.70903 (15122308)
 3776186.9 |      1.25084 (13120708)      1.06764 (13120708)      0.91920
(15122308)      0.80968 (15122308)      0.71503 (15122308)
 3776136.9 |      1.26375 (15122308)      1.07892 (15122308)      0.92679
(15122308)      0.81377 (15122308)      0.71909 (15122308)
 3776086.9 |      1.27922 (15122308)      1.08583 (15122308)      0.93337
(15122308)      0.81811 (15122308)      0.72113 (15122308)
 3776036.9 |      1.29177 (15122308)      1.09138 (15122308)      0.93893
(15122308)      0.81865 (15122308)      0.72195 (15122308)
 3775986.9 |      1.30320 (15122308)      1.10015 (15122308)      0.94523
(15122308)      0.82171 (15122308)      0.71919 (15122308)
 3775936.9 |      1.31713 (15122308)      1.10363 (15122308)      0.94748
(15122308)      0.82277 (15122308)      0.71904 (15122308)
 3775886.9 |      1.31983 (15122308)      1.10586 (15122308)      0.94507
(15122308)      0.81705 (15122308)      0.71893 (15122308)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***       08:39:22

                                   PAGE 181
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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


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

```
                **

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

BNSFCONS HIGH   1ST HIGH VALUE IS      12.76022  ON 13041307: AT (  472023.42,
3774752.42,   333.60,   333.60,    0.00)  GC  UCART1

ALL      HIGH   1ST HIGH VALUE IS      12.76022  ON 13041307: AT (  472023.42,
3774752.42,   333.60,   333.60,    0.00)  GC  UCART1


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        08:39:22

                                   PAGE 182
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                 *** THE SUMMARY OF HIGHEST  8-HR
RESULTS ***


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

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

BNSFCONS HIGH   1ST HIGH VALUE IS       9.70746  ON 16121108: AT (  472006.60,
3776354.71,   347.00,   347.00,    0.00)  GC  UCART3

ALL      HIGH   1ST HIGH VALUE IS       9.70746  ON 16121108: AT (  472006.60,
3776354.71,   347.00,   347.00,    0.00)  GC  UCART3
```

```
 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        08:39:22

                                   PAGE 183
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

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

 A Total of            0 Fatal Error Message(s)
 A Total of            7 Warning Message(s)
 A Total of          838 Informational Message(s)

 A Total of        43848 Hours Were Processed

 A Total of           40 Calm Hours Identified

 A Total of          798 Missing Hours Identified (  1.82 Percent)


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


    ********   WARNING MESSAGES   ********
 ME W186    1112       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187    1112       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 MX W438    8800        METQA: Convective Velocity Data Out-of-Range.  KURDAT =
  12010216
 MX W438   11536        METQA: Convective Velocity Data Out-of-Range.  KURDAT =
  12042516
 MX W420   16779        METQA: Wind Speed Out-of-Range.   KURDAT =
  12113003
 MX W450   26305       CHKDAT: Record Out of Sequence in Meteorological File at:
  15010101
 MX W450   26305       CHKDAT: Record Out of Sequence in Meteorological File at:
1 year gap
```

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

```
**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.9.0
** Lakes Environmental Software Inc.
** Date: 6/26/2020
** File: C:\Lakes\AERMOD View\BNSF Ono_Con_PM10\BNSF Ono_Con_PM10.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE Ono Construction PM10
   MODELOPT DFAULT CONC
   AVERTIME 24 ANNUAL
   URBANOPT 216995
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL "BNSF Ono_Con_PM10.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 = CON3
** DESCRSRC construction alignment emissions 3
** PREFIX C3
** Length of Side = 9.70
** Configuration = Adjacent
** Emission Rate = 1.507
** Vertical Dimension = 7.82
** SZINIT = 3.64
** Nodes = 44
** 472029.067, 3774423.620, 330.82, 5.00, 4.51
** 472027.831, 3774478.042, 331.46, 5.00, 4.51
```

```
** 472000.591, 3774511.750, 332.06, 5.00, 4.51
** 472013.272, 3774556.255, 332.64, 5.00, 4.51
** 472031.864, 3774578.593, 332.21, 5.00, 4.51
** 472029.304, 3774684.181, 333.03, 5.00, 4.51
** 472002.658, 3774711.761, 333.60, 5.00, 4.51
** 472001.216, 3774757.585, 333.81, 5.00, 4.51
** 472028.458, 3774759.397, 333.47, 5.00, 4.51
** 472029.022, 3774836.830, 334.00, 5.00, 4.51
** 472014.653, 3774850.787, 334.41, 5.00, 4.51
** 472011.200, 3774882.035, 334.71, 5.00, 4.51
** 472030.428, 3774899.027, 334.52, 5.00, 4.51
** 472033.861, 3775069.137, 336.13, 5.00, 4.51
** 472044.457, 3775252.708, 337.89, 5.00, 4.51
** 472023.610, 3775266.611, 338.37, 5.00, 4.51
** 472026.862, 3775405.698, 339.52, 5.00, 4.51
** 471990.441, 3775421.200, 340.22, 5.00, 4.51
** 472020.706, 3775460.501, 340.35, 5.00, 4.51
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   LOCATION C3038439     VOLUME   472028.516 3774447.863 331.30
   LOCATION C3038440     VOLUME   472028.296 3774457.561 331.41
   LOCATION C3038441     VOLUME   472028.076 3774467.258 331.51
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LOCATION	C3038489	VOLUME	472012.286	3774872.208	334.62

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LOCATION	C3038495	VOLUME	472030.885	3774921.676	334.87
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LOCATION	C3038597	VOLUME	472044.574	3775854.733	343.99
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LOCATION	C3038677	VOLUME	471910.360	3776577.469	349.56
LOCATION	C3038678	VOLUME	471901.201	3776574.275	350.03
LOCATION	C3038679	VOLUME	471898.623	3776582.007	350.00
LOCATION	C3038680	VOLUME	471897.164	3776591.597	349.97
LOCATION	C3038681	VOLUME	471895.704	3776601.186	349.89

LOCATION	C3038682	VOLUME	471894.244	3776610.776	349.69
LOCATION	C3038683	VOLUME	471892.785	3776620.365	349.44
LOCATION	C3038684	VOLUME	471886.438	3776627.555	349.54
LOCATION	C3038685	VOLUME	471879.743	3776634.575	349.90
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LOCATION	C3038693	VOLUME	471826.185	3776690.729	351.41
LOCATION	C3038694	VOLUME	471819.490	3776697.748	351.64
LOCATION	C3038695	VOLUME	471812.795	3776704.767	351.76
LOCATION	C3038696	VOLUME	471806.101	3776711.786	351.84
LOCATION	C3038697	VOLUME	471799.406	3776718.806	352.01
LOCATION	C3038698	VOLUME	471792.711	3776725.825	352.25
LOCATION	C3038699	VOLUME	471785.367	3776732.129	352.40
LOCATION	C3038700	VOLUME	471777.728	3776738.107	352.51
LOCATION	C3038701	VOLUME	471770.090	3776744.085	352.65
LOCATION	C3038702	VOLUME	471762.451	3776750.063	352.81
LOCATION	C3038703	VOLUME	471754.812	3776756.041	352.98
LOCATION	C3038704	VOLUME	471747.173	3776762.019	353.13
LOCATION	C3038705	VOLUME	471739.534	3776767.997	353.26
LOCATION	C3038706	VOLUME	471731.895	3776773.975	353.37
LOCATION	C3038707	VOLUME	471724.256	3776779.953	353.51
LOCATION	C3038708	VOLUME	471716.617	3776785.931	353.69
LOCATION	C3038709	VOLUME	471708.978	3776791.909	353.81
LOCATION	C3038710	VOLUME	471701.339	3776797.887	353.90
LOCATION	C3038711	VOLUME	471693.700	3776803.865	354.00
LOCATION	C3038712	VOLUME	471686.053	3776809.832	354.11
LOCATION	C3038713	VOLUME	471678.376	3776815.762	354.24
LOCATION	C3038714	VOLUME	471670.700	3776821.691	354.36
LOCATION	C3038715	VOLUME	471663.023	3776827.621	354.44
LOCATION	C3038716	VOLUME	471655.347	3776833.550	354.52
LOCATION	C3038717	VOLUME	471647.670	3776839.480	354.63
LOCATION	C3038718	VOLUME	471639.993	3776845.410	354.76
LOCATION	C3038719	VOLUME	471632.317	3776851.339	354.86
LOCATION	C3038720	VOLUME	471624.640	3776857.269	354.95
LOCATION	C3038721	VOLUME	471616.964	3776863.198	355.04
LOCATION	C3038722	VOLUME	471609.287	3776869.128	355.13
LOCATION	C3038723	VOLUME	471601.610	3776875.057	355.27
LOCATION	C3038724	VOLUME	471593.934	3776880.987	355.42
LOCATION	C3038725	VOLUME	471586.275	3776886.939	355.55
LOCATION	C3038726	VOLUME	471578.716	3776893.018	355.68
LOCATION	C3038727	VOLUME	471571.158	3776899.098	355.82
LOCATION	C3038728	VOLUME	471563.599	3776905.177	355.97
LOCATION	C3038729	VOLUME	471556.041	3776911.256	356.15

LOCATION	C3038730	VOLUME	471548.482	3776917.336	356.35
LOCATION	C3038731	VOLUME	471540.923	3776923.415	356.50
LOCATION	C3038732	VOLUME	471533.365	3776929.494	356.58
LOCATION	C3038733	VOLUME	471525.806	3776935.573	356.61
LOCATION	C3038734	VOLUME	471518.248	3776941.653	356.75
LOCATION	C3038735	VOLUME	471510.689	3776947.732	356.88
LOCATION	C3038736	VOLUME	471503.131	3776953.811	356.99
LOCATION	C3038737	VOLUME	471495.572	3776959.891	357.10
LOCATION	C3038738	VOLUME	471488.013	3776965.970	357.21
LOCATION	C3038739	VOLUME	471480.455	3776972.049	357.34
LOCATION	C3038740	VOLUME	471472.896	3776978.129	357.45
LOCATION	C3038741	VOLUME	471465.338	3776984.208	357.54
LOCATION	C3038742	VOLUME	471457.779	3776990.287	357.63
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LOCATION	C3038744	VOLUME	471442.662	3777002.446	357.86
LOCATION	C3038745	VOLUME	471435.103	3777008.525	357.97
LOCATION	C3038746	VOLUME	471427.545	3777014.604	358.06
LOCATION	C3038747	VOLUME	471419.986	3777020.684	358.16
LOCATION	C3038748	VOLUME	471412.428	3777026.763	358.27
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LOCATION	C3038758	VOLUME	471336.645	3777087.310	359.50
LOCATION	C3038759	VOLUME	471329.053	3777093.348	359.64
LOCATION	C3038760	VOLUME	471321.461	3777099.385	359.79
LOCATION	C3038761	VOLUME	471313.869	3777105.423	359.93
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LOCATION	C3038766	VOLUME	471275.909	3777135.610	360.63
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LOCATION	C3038768	VOLUME	471260.725	3777147.685	360.89
LOCATION	C3038769	VOLUME	471253.133	3777153.723	361.02
LOCATION	C3038770	VOLUME	471245.541	3777159.760	361.16
LOCATION	C3038771	VOLUME	471237.949	3777165.798	361.30
LOCATION	C3038772	VOLUME	471230.357	3777171.835	361.46
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LOCATION	C3038775	VOLUME	471207.581	3777189.948	361.91
LOCATION	C3038776	VOLUME	471199.936	3777195.917	362.07
LOCATION	C3038777	VOLUME	471192.251	3777201.835	362.21

LOCATION	C3038778	VOLUME	471184.565	3777207.754	362.39
LOCATION	C3038779	VOLUME	471176.880	3777213.672	362.61
LOCATION	C3038780	VOLUME	471169.194	3777219.590	362.72
LOCATION	C3038781	VOLUME	471161.509	3777225.508	362.85
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LOCATION	C3038784	VOLUME	471138.453	3777243.263	363.45
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LOCATION	C3038787	VOLUME	471115.397	3777261.017	363.90
LOCATION	C3038788	VOLUME	471107.711	3777266.935	364.11
LOCATION	C3038789	VOLUME	471100.026	3777272.854	364.36
LOCATION	C3038790	VOLUME	471092.340	3777278.772	364.57
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LOCATION	C3038792	VOLUME	471076.970	3777290.608	364.87
LOCATION	C3038793	VOLUME	471069.284	3777296.526	365.06
LOCATION	C3038794	VOLUME	471061.599	3777302.444	365.24
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LOCATION	C3038797	VOLUME	471038.543	3777320.199	365.71
LOCATION	C3038798	VOLUME	471031.016	3777326.310	365.86
LOCATION	C3038799	VOLUME	471023.716	3777332.698	366.05
LOCATION	C3038800	VOLUME	471016.416	3777339.085	366.24
LOCATION	C3038801	VOLUME	471009.115	3777345.472	366.36
LOCATION	C3038802	VOLUME	471001.815	3777351.859	366.53
LOCATION	C3038803	VOLUME	470994.515	3777358.246	366.73
LOCATION	C3038804	VOLUME	470987.215	3777364.634	366.91
LOCATION	C3038805	VOLUME	470979.914	3777371.021	367.09
LOCATION	C3038806	VOLUME	470972.614	3777377.408	367.27
LOCATION	C3038807	VOLUME	470965.314	3777383.795	367.45
LOCATION	C3038808	VOLUME	470958.014	3777390.182	367.63
LOCATION	C3038809	VOLUME	470950.713	3777396.570	367.81
LOCATION	C3038810	VOLUME	470943.413	3777402.957	367.99
LOCATION	C3038811	VOLUME	470936.113	3777409.344	368.18
LOCATION	C3038812	VOLUME	470928.813	3777415.731	368.36
LOCATION	C3038813	VOLUME	470921.512	3777422.118	368.54
LOCATION	C3038814	VOLUME	470914.507	3777428.821	368.70
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LOCATION	C3038819	VOLUME	470880.206	3777463.109	369.65
LOCATION	C3038820	VOLUME	470873.346	3777469.967	369.91
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LOCATION	C3038824	VOLUME	470845.905	3777497.397	370.66
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   LOCATION C3038829     VOLUME   470811.603 3777531.685 371.54
   LOCATION C3038830     VOLUME   470804.743 3777538.543 371.78
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   LOCATION C3038842     VOLUME   470726.088 3777624.221 375.88
   LOCATION C3038843     VOLUME   470719.800 3777631.606 375.76
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   LOCATION C3038851     VOLUME   470669.492 3777690.690 375.92
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** End of LINE VOLUME Source ID = CON3
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = CON4
** DESCRSRC construction alignment emissions 4
** PREFIX C4
** Length of Side = 9.70
** Configuration = Adjacent
** Emission Rate = 0.111
** Vertical Dimension = 7.82
** SZINIT = 3.64
** Nodes = 3
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** 469060.162, 3779716.384, 426.97, 5.00, 4.51
** 468981.687, 3779815.250, 428.83, 5.00, 4.51
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   LOCATION C4038856     VOLUME   469156.590 3779592.243 424.12
   LOCATION C4038857     VOLUME   469150.640 3779599.904 424.25
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   LOCATION C4038863     VOLUME   469114.937 3779645.867 425.48
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   LOCATION C4038878     VOLUME   469025.217 3779760.409 427.71
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   LOCATION C4038882     VOLUME   469001.095 3779790.799 428.39
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** Source Parameters **
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SRCPARAM C3038817     0.0036052632      5.00      4.51      3.64
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SRCPARAM C3038819     0.0036052632      5.00      4.51      3.64
SRCPARAM C3038820     0.0036052632      5.00      4.51      3.64
SRCPARAM C3038821     0.0036052632      5.00      4.51      3.64
SRCPARAM C3038822     0.0036052632      5.00      4.51      3.64
SRCPARAM C3038823     0.0036052632      5.00      4.51      3.64
SRCPARAM C3038824     0.0036052632      5.00      4.51      3.64
SRCPARAM C3038825     0.0036052632      5.00      4.51      3.64
SRCPARAM C3038826     0.0036052632      5.00      4.51      3.64
SRCPARAM C3038827     0.0036052632      5.00      4.51      3.64
SRCPARAM C3038828     0.0036052632      5.00      4.51      3.64
SRCPARAM C3038829     0.0036052632      5.00      4.51      3.64
SRCPARAM C3038830     0.0036052632      5.00      4.51      3.64
SRCPARAM C3038831     0.0036052632      5.00      4.51      3.64
SRCPARAM C3038832     0.0036052632      5.00      4.51      3.64
SRCPARAM C3038833     0.0036052632      5.00      4.51      3.64
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SRCPARAM C3038837     0.0036052632      5.00      4.51      3.64
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   SRCPARAM C3038846     0.0036052632      5.00      4.51      3.64
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** LINE VOLUME Source ID = CON4
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   SRCPARAM C4038857     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038858     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038859     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038860     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038861     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038862     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038863     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038864     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038865     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038866     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038867     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038868     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038869     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038870     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038871     0.0035806452      5.00      4.51      3.64
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   SRCPARAM C4038873     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038874     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038875     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038876     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038877     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038878     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038879     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038880     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038881     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038882     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038883     0.0035806452      5.00      4.51      3.64
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   SRCPARAM C4038884     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038885     0.0035806452      5.00      4.51      3.64
** ----------------------------------------------------------------------
   URBANSRC ALL

** Variable Emissions Type: "By Hour-of-Day (HROFDY)"
** Variable Emission Scenario: "Scenario 2"
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EMISFACT C4038858     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT C4038859     HROFDY 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT C4038859     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT C4038859     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT C4038859     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT C4038860     HROFDY 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT C4038860     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT C4038860     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT C4038860     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT C4038861     HROFDY 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT C4038861     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT C4038861     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT C4038861     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT C4038862     HROFDY 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT C4038862     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT C4038862     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT C4038863     HROFDY 0.0 0.0 0.0 0.0 0.0 1.0
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EMISFACT C4038863     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT C4038863     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT C4038864     HROFDY 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT C4038864     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT C4038864     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT C4038864     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT C4038865     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT C4038865     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT C4038865     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT C4038866     HROFDY 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT C4038866     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT C4038866     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT C4038866     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT C4038867     HROFDY 0.0 0.0 0.0 0.0 0.0 1.0
```

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EMISFACT C4038867     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT C4038867     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT C4038867     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT C4038868     HROFDY 0.0 0.0 0.0 0.0 0.0 1.0
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EMISFACT C4038868     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT C4038875     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT C4038876     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT C4038876     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT C4038878     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT C4038878     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT C4038879     HROFDY 0.0 0.0 0.0 0.0 0.0 1.0
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EMISFACT C4038880     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT C4038880     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT C4038881     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT C4038881     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT C4038882     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT C4038883     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT C4038884     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT C4038885     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT C4038885     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
SRCGROUP BNSFcons C3038437 C3038438 C3038439 C3038440 C3038441 C3038442
SRCGROUP BNSFcons C3038443 C3038444 C3038445 C3038446 C3038447 C3038448
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SRCGROUP BNSFcons C3038461 C3038462 C3038463 C3038464 C3038465 C3038466
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SRCGROUP BNSFcons C3038473 C3038474 C3038475 C3038476 C3038477 C3038478
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SRCGROUP BNSFcons C3038515 C3038516 C3038517 C3038518 C3038519 C3038520
SRCGROUP BNSFcons C3038521 C3038522 C3038523 C3038524 C3038525 C3038526
SRCGROUP BNSFcons C3038527 C3038528 C3038529 C3038530 C3038531 C3038532
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SRCGROUP BNSFcons C3038539 C3038540 C3038541 C3038542 C3038543 C3038544
SRCGROUP BNSFcons C3038545 C3038546 C3038547 C3038548 C3038549 C3038550
SRCGROUP BNSFcons C3038551 C3038552 C3038553 C3038554 C3038555 C3038556
SRCGROUP BNSFcons C3038557 C3038558 C3038559 C3038560 C3038561 C3038562
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SRCGROUP BNSFcons C3038563 C3038564 C3038565 C3038566 C3038567 C3038568
SRCGROUP BNSFcons C3038569 C3038570 C3038571 C3038572 C3038573 C3038574
SRCGROUP BNSFcons C3038575 C3038576 C3038577 C3038578 C3038579 C3038580
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SRCGROUP BNSFcons C3038605 C3038606 C3038607 C3038608 C3038609 C3038610
SRCGROUP BNSFcons C3038611 C3038612 C3038613 C3038614 C3038615 C3038616
SRCGROUP BNSFcons C3038617 C3038618 C3038619 C3038620 C3038621 C3038622
SRCGROUP BNSFcons C3038623 C3038624 C3038625 C3038626 C3038627 C3038628
SRCGROUP BNSFcons C3038629 C3038630 C3038631 C3038632 C3038633 C3038634
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SRCGROUP BNSFcons C3038737 C3038738 C3038739 C3038740 C3038741 C3038742
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SRCGROUP BNSFcons C3038839 C3038840 C3038841 C3038842 C3038843 C3038844
SRCGROUP BNSFcons C3038845 C3038846 C3038847 C3038848 C3038849 C3038850

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   SRCGROUP BNSFcons C3038851 C3038852 C3038853 C3038854 C4038855 C4038856
   SRCGROUP BNSFcons C4038857 C4038858 C4038859 C4038860 C4038861 C4038862
   SRCGROUP BNSFcons C4038863 C4038864 C4038865 C4038866 C4038867 C4038868
   SRCGROUP BNSFcons C4038869 C4038870 C4038871 C4038872 C4038873 C4038874
   SRCGROUP BNSFcons C4038875 C4038876 C4038877 C4038878 C4038879 C4038880
   SRCGROUP BNSFcons C4038881 C4038882 C4038883 C4038884 C4038885
   SRCGROUP ALL
SO FINISHED
**
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
   INCLUDED "BNSF Ono_Con_PM10.rou"
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
** Surface File Path: C:\Lakes\AERMOD View\BNSF Ono_Con_PM10\FONT_V9_ADJU\
   SURFFILE FONT_V9_ADJU\FONT_v9.SFC
** Profile File Path: C:\Lakes\AERMOD View\BNSF Ono_Con_PM10\FONT_V9_ADJU\
   PROFFILE FONT_V9_ADJU\FONT_v9.PFL
   SURFDATA 3102 2011
   UAIRDATA 3190 2011
   SITEDATA 99999 2011
   PROFBASE 367.0 METERS
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST "C:\Lakes\AERMOD View\BNSF Ono_Con_PM10\BNSF
ONO_CON_PM10.AD\24H1GALL.PLT" 31
   PLOTFILE 24 BNSFcons 1ST "C:\Lakes\AERMOD View\BNSF Ono_Con_PM10\BNSF
ONO_CON_PM10.AD\24H1G001.PLT" 32
   PLOTFILE ANNUAL ALL "C:\Lakes\AERMOD View\BNSF Ono_Con_PM10\BNSF
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ONO_CON_PM10.AD\AN00GALL.PLT" 33
   PLOTFILE ANNUAL BNSFcons "C:\Lakes\AERMOD View\BNSF Ono_Con_PM10\BNSF
ONO_CON_PM10.AD\AN00G000.PLT" 34
   SUMMFILE "C:\Lakes\AERMOD View\BNSF Ono_Con_PM10\BNSF Ono_Con_PM10.sum"
OU FINISHED
**
**************************************
** Project Parameters
**************************************
** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS    m
** ZONE     11
** ZONEINX  0
**
```

```
**
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**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.9.0
** Lakes Environmental Software Inc.
** Date: 6/23/2020
** File: C:\Lakes\AERMOD View\BNSF Ono_Con_PM10\BNSF Ono_Con_PM10.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE Ono Construction PM10
   MODELOPT DFAULT CONC
   AVERTIME 24 ANNUAL
   URBANOPT 216995
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL "BNSF Ono_Con_PM10.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 = CON3
** DESCRSRC construction alignment emissions 3
** PREFIX C3
** Length of Side = 9.70
** Configuration = Adjacent
** Emission Rate = 1.507
** Vertical Dimension = 7.82
** SZINIT = 3.64
** Nodes = 44
** 472029.067, 3774423.620, 330.82, 5.00, 4.51
** 472027.831, 3774478.042, 331.46, 5.00, 4.51
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** 472000.591, 3774511.750, 332.06, 5.00, 4.51
** 472013.272, 3774556.255, 332.64, 5.00, 4.51
** 472031.864, 3774578.593, 332.21, 5.00, 4.51
** 472029.304, 3774684.181, 333.03, 5.00, 4.51
** 472002.658, 3774711.761, 333.60, 5.00, 4.51
** 472001.216, 3774757.585, 333.81, 5.00, 4.51
** 472028.458, 3774759.397, 333.47, 5.00, 4.51
** 472029.022, 3774836.830, 334.00, 5.00, 4.51
** 472014.653, 3774850.787, 334.41, 5.00, 4.51
** 472011.200, 3774882.035, 334.71, 5.00, 4.51
** 472030.428, 3774899.027, 334.52, 5.00, 4.51
** 472033.861, 3775069.137, 336.13, 5.00, 4.51
** 472044.457, 3775252.708, 337.89, 5.00, 4.51
** 472023.610, 3775266.611, 338.37, 5.00, 4.51
** 472026.862, 3775405.698, 339.52, 5.00, 4.51
** 471990.441, 3775421.200, 340.22, 5.00, 4.51
** 472020.706, 3775460.501, 340.35, 5.00, 4.51
** 472021.501, 3775574.097, 341.67, 5.00, 4.51
** 472024.227, 3775616.759, 342.65, 5.00, 4.51
** 472046.874, 3775636.423, 341.93, 5.00, 4.51
** 472044.511, 3775860.656, 344.18, 5.00, 4.51
** 472044.474, 3776009.430, 344.91, 5.00, 4.51
** 472023.518, 3776037.236, 345.55, 5.00, 4.51
** 472026.153, 3776139.738, 345.99, 5.00, 4.51
** 472026.595, 3776148.843, 345.93, 5.00, 4.51
** 472036.101, 3776216.655, 346.57, 5.00, 4.51
** 472027.399, 3776304.861, 345.20, 5.00, 4.51
** 472014.541, 3776370.163, 345.32, 5.00, 4.51
** 471995.999, 3776385.920, 347.82, 5.00, 4.51
** 471994.791, 3776431.787, 345.96, 5.00, 4.51
** 471924.256, 3776582.316, 348.71, 5.00, 4.51
** 471899.871, 3776573.811, 350.24, 5.00, 4.51
** 471892.688, 3776621.003, 349.43, 5.00, 4.51
** 471790.618, 3776728.020, 352.43, 5.00, 4.51
** 471687.819, 3776808.468, 354.12, 5.00, 4.51
** 471587.411, 3776886.025, 355.59, 5.00, 4.51
** 471381.275, 3777051.819, 358.77, 5.00, 4.51
** 471204.297, 3777192.559, 361.85, 5.00, 4.51
** 471034.024, 3777323.679, 365.52, 5.00, 4.51
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LOCATION C3038736     VOLUME   471503.131 3776953.811 356.99
LOCATION C3038737     VOLUME   471495.572 3776959.891 357.10
LOCATION C3038738     VOLUME   471488.013 3776965.970 357.21
LOCATION C3038739     VOLUME   471480.455 3776972.049 357.34
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LOCATION C3038741     VOLUME   471465.338 3776984.208 357.54
LOCATION C3038742     VOLUME   471457.779 3776990.287 357.63
LOCATION C3038743     VOLUME   471450.220 3776996.366 357.73
LOCATION C3038744     VOLUME   471442.662 3777002.446 357.86
LOCATION C3038745     VOLUME   471435.103 3777008.525 357.97
LOCATION C3038746     VOLUME   471427.545 3777014.604 358.06
LOCATION C3038747     VOLUME   471419.986 3777020.684 358.16
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LOCATION C3038750     VOLUME   471397.310 3777038.922 358.51
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LOCATION C3038752     VOLUME   471382.193 3777051.080 358.71
LOCATION C3038753     VOLUME   471374.605 3777057.123 358.82
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LOCATION C3038777     VOLUME   471192.251 3777201.835 362.21
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = CON4
** DESCRSRC construction alignment emissions 4
** PREFIX C4
** Length of Side = 9.70
** Configuration = Adjacent
** Emission Rate = 0.111
** Vertical Dimension = 7.82
** SZINIT = 3.64
** Nodes = 3
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** 468981.687, 3779815.250, 428.83, 5.00, 4.51
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** Source Parameters **
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   SRCPARAM C3038844     0.0036052632      5.00      4.51      3.64
   SRCPARAM C3038845     0.0036052632      5.00      4.51      3.64
   SRCPARAM C3038846     0.0036052632      5.00      4.51      3.64
   SRCPARAM C3038847     0.0036052632      5.00      4.51      3.64
   SRCPARAM C3038848     0.0036052632      5.00      4.51      3.64
   SRCPARAM C3038849     0.0036052632      5.00      4.51      3.64
   SRCPARAM C3038850     0.0036052632      5.00      4.51      3.64
   SRCPARAM C3038851     0.0036052632      5.00      4.51      3.64
   SRCPARAM C3038852     0.0036052632      5.00      4.51      3.64
   SRCPARAM C3038853     0.0036052632      5.00      4.51      3.64
   SRCPARAM C3038854     0.0036052632      5.00      4.51      3.64
** ----------------------------------------------------------------------
** LINE VOLUME Source ID = CON4
   SRCPARAM C4038855     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038856     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038857     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038858     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038859     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038860     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038861     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038862     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038863     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038864     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038865     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038866     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038867     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038868     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038869     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038870     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038871     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038872     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038873     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038874     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038875     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038876     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038877     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038878     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038879     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038880     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038881     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038882     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038883     0.0035806452      5.00      4.51      3.64
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   SRCPARAM C4038884     0.0035806452      5.00      4.51      3.64
   SRCPARAM C4038885     0.0035806452      5.00      4.51      3.64
** ----------------------------------------------------------------------
   URBANSRC ALL

** Variable Emissions Type: "By Hour-of-Day (HROFDY)"
** Variable Emission Scenario: "Scenario 2"
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   EMISFACT C3038439     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT C3038440     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT C3038441     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT C3038442     HROFDY 0.0 0.0 0.0 0.0 0.0 1.0
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   EMISFACT C3038447     HROFDY 0.0 0.0 0.0 0.0 0.0 1.0
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   SRCGROUP BNSFcons C4038881 C4038882 C4038883 C4038884 C4038885
   SRCGROUP ALL
SO FINISHED
**
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
   INCLUDED "BNSF Ono_Con_PM10.rou"
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
   SURFFILE FONT_V9_ADJU\FONT_v9.SFC
   PROFFILE FONT_V9_ADJU\FONT_v9.PFL
   SURFDATA 3102 2011
   UAIRDATA 3190 2011
   SITEDATA 99999 2011
   PROFBASE 367.0 METERS
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST "BNSF ONO_CON_PM10.AD\24H1GALL.PLT" 31
   PLOTFILE 24 BNSFcons 1ST "BNSF ONO_CON_PM10.AD\24H1G001.PLT" 32
   PLOTFILE ANNUAL ALL "BNSF ONO_CON_PM10.AD\AN00GALL.PLT" 33
   PLOTFILE ANNUAL BNSFcons "BNSF ONO_CON_PM10.AD\AN00G000.PLT" 34
   SUMMFILE "BNSF Ono_Con_PM10.sum"
OU FINISHED
```

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

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

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


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


   ********   WARNING MESSAGES   ********
ME W186    2911       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
ME W187    2911       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


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

*** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                        ***        06/23/20
*** AERMET - VERSION  16216 ***   ***
                       ***        23:38:06

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

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

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

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

**Model Uses URBAN Dispersion Algorithm for the SBL for   449 Source(s),
  for Total of    1 Urban Area(s):
  Urban Population =    216995.0 ;  Urban Roughness Length =  1.000 m
```

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

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

 **Model Assumes No FLAGPOLE Receptor Heights.

 **The User Specified a Pollutant Type of:  PM_10

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

 **This Run Includes:    449 Source(s);       2 Source Group(s); and    1037
Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    449 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with      0 line(s)


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

 **The AERMET Input Meteorological Data Version Date:  16216

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

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

```
Hours
                                                                    b for Both Calm
and Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   367.00 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC                              ;
Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.9 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   BNSF Ono_Con_PM10.err

 **File for Summary of Results:   BNSF Ono_Con_PM10.sum

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        23:38:06

                                  PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                   *** VOLUME SOURCE DATA ***

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

 C3038437         0   0.36053E-02  472029.0 3774428.5   331.1     5.00     4.51
3.64     YES   HROFDY
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3.64     YES   HROFDY
 C3038439         0   0.36053E-02  472028.5 3774447.9   331.3     5.00     4.51
3.64     YES   HROFDY
 C3038440         0   0.36053E-02  472028.3 3774457.6   331.4     5.00     4.51
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3.64     YES   HROFDY
 C3038442         0   0.36053E-02  472027.9 3774477.0   331.6     5.00     4.51
3.64     YES   HROFDY
 C3038443         0   0.36053E-02  472022.4 3774484.7   331.7     5.00     4.51
3.64     YES   HROFDY
 C3038444         0   0.36053E-02  472016.3 3774492.3   331.9     5.00     4.51
3.64     YES   HROFDY
 C3038445         0   0.36053E-02  472010.2 3774499.8   332.0     5.00     4.51
3.64     YES   HROFDY
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3.64     YES   HROFDY
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3.64     YES   HROFDY
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3.64     YES   HROFDY
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3.64     YES   HROFDY
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3.64     YES   HROFDY
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3.64     YES   HROFDY
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3.64     YES   HROFDY
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3.64     YES   HROFDY
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3.64     YES   HROFDY
 C3038457         0   0.36053E-02  472031.2 3774604.3   332.5     5.00     4.51
3.64     YES   HROFDY
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3.64     YES   HROFDY
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3.64     YES   HROFDY
 C3038466         0   0.36053E-02  472024.1 3774689.5   333.3     5.00     4.51
3.64     YES   HROFDY
 C3038467         0   0.36053E-02  472017.4 3774696.5   333.4     5.00     4.51
3.64     YES   HROFDY
 C3038468         0   0.36053E-02  472010.7 3774703.5   333.6     5.00     4.51
3.64     YES   HROFDY
 C3038469         0   0.36053E-02  472003.9 3774710.4   333.6     5.00     4.51
3.64     YES   HROFDY
 C3038470         0   0.36053E-02  472002.4 3774719.6   333.7     5.00     4.51
3.64     YES   HROFDY
 C3038471         0   0.36053E-02  472002.1 3774729.3   333.7     5.00     4.51
3.64     YES   HROFDY
 C3038472         0   0.36053E-02  472001.8 3774739.0   333.8     5.00     4.51
3.64     YES   HROFDY
 C3038473         0   0.36053E-02  472001.5 3774748.7   333.8     5.00     4.51
3.64     YES   HROFDY
 C3038474         0   0.36053E-02  472002.0 3774757.6   333.9     5.00     4.51
3.64     YES   HROFDY
 C3038475         0   0.36053E-02  472011.7 3774758.3   333.8     5.00     4.51
3.64     YES   HROFDY
 C3038476         0   0.36053E-02  472021.4 3774758.9   333.7     5.00     4.51
3.64     YES   HROFDY
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

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

 C3038477         0   0.36053E-02  472028.5 3774762.0   333.6     5.00     4.51
3.64     YES   HROFDY
 C3038478         0   0.36053E-02  472028.5 3774771.7   333.7     5.00     4.51
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3.64     YES   HROFDY
 C3038479         0   0.36053E-02  472028.6 3774781.4   333.8     5.00     4.51
3.64     YES   HROFDY
 C3038480         0   0.36053E-02  472028.7 3774791.1   333.9     5.00     4.51
3.64     YES   HROFDY
 C3038481         0   0.36053E-02  472028.8 3774800.8   333.9     5.00     4.51
3.64     YES   HROFDY
 C3038482         0   0.36053E-02  472028.8 3774810.5   334.0     5.00     4.51
3.64     YES   HROFDY
 C3038483         0   0.36053E-02  472028.9 3774820.2   334.0     5.00     4.51
3.64     YES   HROFDY
 C3038484         0   0.36053E-02  472029.0 3774829.9   334.1     5.00     4.51
3.64     YES   HROFDY
 C3038485         0   0.36053E-02  472027.0 3774838.8   334.2     5.00     4.51
3.64     YES   HROFDY
 C3038486         0   0.36053E-02  472020.1 3774845.5   334.3     5.00     4.51
3.64     YES   HROFDY
 C3038487         0   0.36053E-02  472014.4 3774852.9   334.4     5.00     4.51
3.64     YES   HROFDY
 C3038488         0   0.36053E-02  472013.4 3774862.6   334.5     5.00     4.51
3.64     YES   HROFDY
 C3038489         0   0.36053E-02  472012.3 3774872.2   334.6     5.00     4.51
3.64     YES   HROFDY
 C3038490         0   0.36053E-02  472011.2 3774881.8   334.8     5.00     4.51
3.64     YES   HROFDY
 C3038491         0   0.36053E-02  472018.3 3774888.3   334.8     5.00     4.51
3.64     YES   HROFDY
 C3038492         0   0.36053E-02  472025.6 3774894.8   334.7     5.00     4.51
3.64     YES   HROFDY
 C3038493         0   0.36053E-02  472030.5 3774902.3   334.7     5.00     4.51
3.64     YES   HROFDY
 C3038494         0   0.36053E-02  472030.7 3774912.0   334.8     5.00     4.51
3.64     YES   HROFDY
 C3038495         0   0.36053E-02  472030.9 3774921.7   334.9     5.00     4.51
3.64     YES   HROFDY
 C3038496         0   0.36053E-02  472031.1 3774931.4   335.0     5.00     4.51
3.64     YES   HROFDY
 C3038497         0   0.36053E-02  472031.3 3774941.1   335.1     5.00     4.51
3.64     YES   HROFDY
 C3038498         0   0.36053E-02  472031.5 3774950.8   335.2     5.00     4.51
3.64     YES   HROFDY
 C3038499         0   0.36053E-02  472031.7 3774960.5   335.3     5.00     4.51
3.64     YES   HROFDY
 C3038500         0   0.36053E-02  472031.9 3774970.2   335.4     5.00     4.51
3.64     YES   HROFDY
 C3038501         0   0.36053E-02  472032.1 3774979.9   335.6     5.00     4.51
3.64     YES   HROFDY
 C3038502         0   0.36053E-02  472032.3 3774989.6   335.8     5.00     4.51
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3.64     YES   HROFDY
 C3038503         0   0.36053E-02  472032.5 3774999.3   336.1     5.00     4.51
3.64     YES   HROFDY
 C3038504         0   0.36053E-02  472032.6 3775009.0   336.4     5.00     4.51
3.64     YES   HROFDY
 C3038505         0   0.36053E-02  472032.8 3775018.7   336.7     5.00     4.51
3.64     YES   HROFDY
 C3038506         0   0.36053E-02  472033.0 3775028.4   336.8     5.00     4.51
3.64     YES   HROFDY
 C3038507         0   0.36053E-02  472033.2 3775038.1   336.6     5.00     4.51
3.64     YES   HROFDY
 C3038508         0   0.36053E-02  472033.4 3775047.8   336.4     5.00     4.51
3.64     YES   HROFDY
 C3038509         0   0.36053E-02  472033.6 3775057.4   336.3     5.00     4.51
3.64     YES   HROFDY
 C3038510         0   0.36053E-02  472033.8 3775067.1   336.4     5.00     4.51
3.64     YES   HROFDY
 C3038511         0   0.36053E-02  472034.3 3775076.8   336.4     5.00     4.51
3.64     YES   HROFDY
 C3038512         0   0.36053E-02  472034.9 3775086.5   336.4     5.00     4.51
3.64     YES   HROFDY
 C3038513         0   0.36053E-02  472035.4 3775096.2   336.5     5.00     4.51
3.64     YES   HROFDY
 C3038514         0   0.36053E-02  472036.0 3775105.9   336.5     5.00     4.51
3.64     YES   HROFDY
 C3038515         0   0.36053E-02  472036.5 3775115.6   336.6     5.00     4.51
3.64     YES   HROFDY
 C3038516         0   0.36053E-02  472037.1 3775125.3   336.7     5.00     4.51
3.64     YES   HROFDY
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -
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 C3038517         0   0.36053E-02  472037.7 3775134.9   336.8     5.00     4.51
3.64     YES   HROFDY
 C3038518         0   0.36053E-02  472038.2 3775144.6   336.9     5.00     4.51
3.64     YES   HROFDY
 C3038519         0   0.36053E-02  472038.8 3775154.3   336.9     5.00     4.51
3.64     YES   HROFDY
 C3038520         0   0.36053E-02  472039.3 3775164.0   337.0     5.00     4.51
3.64     YES   HROFDY
 C3038521         0   0.36053E-02  472039.9 3775173.7   337.1     5.00     4.51
3.64     YES   HROFDY
 C3038522         0   0.36053E-02  472040.5 3775183.4   337.2     5.00     4.51
3.64     YES   HROFDY
 C3038523         0   0.36053E-02  472041.0 3775193.0   337.3     5.00     4.51
3.64     YES   HROFDY
 C3038524         0   0.36053E-02  472041.6 3775202.7   337.4     5.00     4.51
3.64     YES   HROFDY
 C3038525         0   0.36053E-02  472042.1 3775212.4   337.5     5.00     4.51
3.64     YES   HROFDY
 C3038526         0   0.36053E-02  472042.7 3775222.1   337.5     5.00     4.51
3.64     YES   HROFDY
 C3038527         0   0.36053E-02  472043.2 3775231.8   337.6     5.00     4.51
3.64     YES   HROFDY
 C3038528         0   0.36053E-02  472043.8 3775241.5   337.7     5.00     4.51
3.64     YES   HROFDY
 C3038529         0   0.36053E-02  472044.4 3775251.1   337.8     5.00     4.51
3.64     YES   HROFDY
 C3038530         0   0.36053E-02  472037.7 3775257.2   338.0     5.00     4.51
3.64     YES   HROFDY
 C3038531         0   0.36053E-02  472029.6 3775262.6   338.2     5.00     4.51
3.64     YES   HROFDY
 C3038532         0   0.36053E-02  472023.7 3775269.1   338.3     5.00     4.51
3.64     YES   HROFDY
 C3038533         0   0.36053E-02  472023.9 3775278.8   338.4     5.00     4.51
3.64     YES   HROFDY
 C3038534         0   0.36053E-02  472024.1 3775288.5   338.5     5.00     4.51
3.64     YES   HROFDY
 C3038535         0   0.36053E-02  472024.3 3775298.2   338.6     5.00     4.51
3.64     YES   HROFDY
 C3038536         0   0.36053E-02  472024.6 3775307.9   338.7     5.00     4.51
3.64     YES   HROFDY
 C3038537         0   0.36053E-02  472024.8 3775317.6   338.7     5.00     4.51
3.64     YES   HROFDY
 C3038538         0   0.36053E-02  472025.0 3775327.3   338.8     5.00     4.51
3.64     YES   HROFDY
 C3038539         0   0.36053E-02  472025.3 3775337.0   338.9     5.00     4.51
3.64     YES   HROFDY
 C3038540         0   0.36053E-02  472025.5 3775346.7   339.0     5.00     4.51
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3.64     YES   HROFDY
 C3038541         0   0.36053E-02  472025.7 3775356.4   339.1     5.00     4.51
3.64     YES   HROFDY
 C3038542         0   0.36053E-02  472025.9 3775366.1   339.2     5.00     4.51
3.64     YES   HROFDY
 C3038543         0   0.36053E-02  472026.2 3775375.8   339.4     5.00     4.51
3.64     YES   HROFDY
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3.64     YES   HROFDY
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3.64     YES   HROFDY
 C3038546         0   0.36053E-02  472026.8 3775404.8   339.7     5.00     4.51
3.64     YES   HROFDY
 C3038547         0   0.36053E-02  472018.7 3775409.2   339.8     5.00     4.51
3.64     YES   HROFDY
 C3038548         0   0.36053E-02  472009.8 3775413.0   339.9     5.00     4.51
3.64     YES   HROFDY
 C3038549         0   0.36053E-02  472000.9 3775416.8   340.1     5.00     4.51
3.64     YES   HROFDY
 C3038550         0   0.36053E-02  471991.9 3775420.6   340.2     5.00     4.51
3.64     YES   HROFDY
 C3038551         0   0.36053E-02  471995.4 3775427.6   340.2     5.00     4.51
3.64     YES   HROFDY
 C3038552         0   0.36053E-02  472001.3 3775435.3   340.2     5.00     4.51
3.64     YES   HROFDY
 C3038553         0   0.36053E-02  472007.2 3775443.0   340.2     5.00     4.51
3.64     YES   HROFDY
 C3038554         0   0.36053E-02  472013.1 3775450.6   340.3     5.00     4.51
3.64     YES   HROFDY
 C3038555         0   0.36053E-02  472019.0 3775458.3   340.4     5.00     4.51
3.64     YES   HROFDY
 C3038556         0   0.36053E-02  472020.8 3775467.5   340.5     5.00     4.51
3.64     YES   HROFDY
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
```

```
     ID         CATS.                (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -

 C3038557         0   0.36053E-02  472020.8 3775477.2   340.6     5.00     4.51
3.64     YES   HROFDY
 C3038558         0   0.36053E-02  472020.9 3775486.9   340.8     5.00     4.51
3.64     YES   HROFDY
 C3038559         0   0.36053E-02  472021.0 3775496.6   340.8     5.00     4.51
3.64     YES   HROFDY
 C3038560         0   0.36053E-02  472021.0 3775506.3   340.9     5.00     4.51
3.64     YES   HROFDY
 C3038561         0   0.36053E-02  472021.1 3775516.0   340.9     5.00     4.51
3.64     YES   HROFDY
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3.64     YES   HROFDY
 C3038563         0   0.36053E-02  472021.2 3775535.4   341.1     5.00     4.51
3.64     YES   HROFDY
 C3038564         0   0.36053E-02  472021.3 3775545.1   341.1     5.00     4.51
3.64     YES   HROFDY
 C3038565         0   0.36053E-02  472021.4 3775554.8   341.2     5.00     4.51
3.64     YES   HROFDY
 C3038566         0   0.36053E-02  472021.4 3775564.5   341.4     5.00     4.51
3.64     YES   HROFDY
 C3038567         0   0.36053E-02  472021.5 3775574.2   341.5     5.00     4.51
3.64     YES   HROFDY
 C3038568         0   0.36053E-02  472022.1 3775583.8   341.7     5.00     4.51
3.64     YES   HROFDY
 C3038569         0   0.36053E-02  472022.7 3775593.5   342.0     5.00     4.51
3.64     YES   HROFDY
 C3038570         0   0.36053E-02  472023.4 3775603.2   342.3     5.00     4.51
3.64     YES   HROFDY
 C3038571         0   0.36053E-02  472024.0 3775612.9   342.8     5.00     4.51
3.64     YES   HROFDY
 C3038572         0   0.36053E-02  472028.6 3775620.6   343.1     5.00     4.51
3.64     YES   HROFDY
 C3038573         0   0.36053E-02  472035.9 3775626.9   342.5     5.00     4.51
3.64     YES   HROFDY
 C3038574         0   0.36053E-02  472043.3 3775633.3   341.7     5.00     4.51
3.64     YES   HROFDY
 C3038575         0   0.36053E-02  472046.8 3775641.3   341.4     5.00     4.51
3.64     YES   HROFDY
 C3038576         0   0.36053E-02  472046.7 3775651.0   341.5     5.00     4.51
3.64     YES   HROFDY
 C3038577         0   0.36053E-02  472046.6 3775660.7   341.6     5.00     4.51
3.64     YES   HROFDY
 C3038578         0   0.36053E-02  472046.5 3775670.4   341.6     5.00     4.51
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3.64     YES   HROFDY
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3.64     YES   HROFDY
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3.64     YES   HROFDY
 C3038581         0   0.36053E-02  472046.2 3775699.5   342.1     5.00     4.51
3.64     YES   HROFDY
 C3038582         0   0.36053E-02  472046.1 3775709.2   342.2     5.00     4.51
3.64     YES   HROFDY
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3.64     YES   HROFDY
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3.64     YES   HROFDY
 C3038585         0   0.36053E-02  472045.8 3775738.3   342.4     5.00     4.51
3.64     YES   HROFDY
 C3038586         0   0.36053E-02  472045.7 3775748.0   342.5     5.00     4.51
3.64     YES   HROFDY
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3.64     YES   HROFDY
 C3038588         0   0.36053E-02  472045.5 3775767.4   342.7     5.00     4.51
3.64     YES   HROFDY
 C3038589         0   0.36053E-02  472045.4 3775777.1   342.9     5.00     4.51
3.64     YES   HROFDY
 C3038590         0   0.36053E-02  472045.3 3775786.8   343.1     5.00     4.51
3.64     YES   HROFDY
 C3038591         0   0.36053E-02  472045.2 3775796.5   343.3     5.00     4.51
3.64     YES   HROFDY
 C3038592         0   0.36053E-02  472045.1 3775806.2   343.5     5.00     4.51
3.64     YES   HROFDY
 C3038593         0   0.36053E-02  472045.0 3775815.9   343.7     5.00     4.51
3.64     YES   HROFDY
 C3038594         0   0.36053E-02  472044.9 3775825.6   343.9     5.00     4.51
3.64     YES   HROFDY
 C3038595         0   0.36053E-02  472044.8 3775835.3   344.0     5.00     4.51
3.64     YES   HROFDY
 C3038596         0   0.36053E-02  472044.7 3775845.0   344.0     5.00     4.51
3.64     YES   HROFDY
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE   6
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***
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                NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE        PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID          CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 C3038597         0   0.36053E-02  472044.6 3775854.7   344.0     5.00     4.51
3.64     YES   HROFDY
 C3038598         0   0.36053E-02  472044.5 3775864.4   344.0     5.00     4.51
3.64     YES   HROFDY
 C3038599         0   0.36053E-02  472044.5 3775874.1   344.0     5.00     4.51
3.64     YES   HROFDY
 C3038600         0   0.36053E-02  472044.5 3775883.8   344.0     5.00     4.51
3.64     YES   HROFDY
 C3038601         0   0.36053E-02  472044.5 3775893.5   344.0     5.00     4.51
3.64     YES   HROFDY
 C3038602         0   0.36053E-02  472044.5 3775903.2   344.0     5.00     4.51
3.64     YES   HROFDY
 C3038603         0   0.36053E-02  472044.5 3775912.9   344.1     5.00     4.51
3.64     YES   HROFDY
 C3038604         0   0.36053E-02  472044.5 3775922.6   344.1     5.00     4.51
3.64     YES   HROFDY
 C3038605         0   0.36053E-02  472044.5 3775932.3   344.1     5.00     4.51
3.64     YES   HROFDY
 C3038606         0   0.36053E-02  472044.5 3775942.0   344.2     5.00     4.51
3.64     YES   HROFDY
 C3038607         0   0.36053E-02  472044.5 3775951.7   344.2     5.00     4.51
3.64     YES   HROFDY
 C3038608         0   0.36053E-02  472044.5 3775961.4   344.3     5.00     4.51
3.64     YES   HROFDY
 C3038609         0   0.36053E-02  472044.5 3775971.1   344.4     5.00     4.51
3.64     YES   HROFDY
 C3038610         0   0.36053E-02  472044.5 3775980.8   344.4     5.00     4.51
3.64     YES   HROFDY
 C3038611         0   0.36053E-02  472044.5 3775990.5   344.5     5.00     4.51
3.64     YES   HROFDY
 C3038612         0   0.36053E-02  472044.5 3776000.2   344.6     5.00     4.51
3.64     YES   HROFDY
 C3038613         0   0.36053E-02  472044.2 3776009.8   344.7     5.00     4.51
3.64     YES   HROFDY
 C3038614         0   0.36053E-02  472038.3 3776017.6   345.1     5.00     4.51
3.64     YES   HROFDY
 C3038615         0   0.36053E-02  472032.5 3776025.3   345.2     5.00     4.51
3.64     YES   HROFDY
 C3038616         0   0.36053E-02  472026.7 3776033.1   345.4     5.00     4.51
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3.64     YES   HROFDY
 C3038617         0   0.36053E-02  472023.6 3776041.7   345.5     5.00     4.51
3.64     YES   HROFDY
 C3038618         0   0.36053E-02  472023.9 3776051.4   345.6     5.00     4.51
3.64     YES   HROFDY
 C3038619         0   0.36053E-02  472024.1 3776061.1   345.7     5.00     4.51
3.64     YES   HROFDY
 C3038620         0   0.36053E-02  472024.4 3776070.8   345.7     5.00     4.51
3.64     YES   HROFDY
 C3038621         0   0.36053E-02  472024.6 3776080.5   345.8     5.00     4.51
3.64     YES   HROFDY
 C3038622         0   0.36053E-02  472024.9 3776090.2   345.8     5.00     4.51
3.64     YES   HROFDY
 C3038623         0   0.36053E-02  472025.1 3776099.9   345.9     5.00     4.51
3.64     YES   HROFDY
 C3038624         0   0.36053E-02  472025.4 3776109.6   345.9     5.00     4.51
3.64     YES   HROFDY
 C3038625         0   0.36053E-02  472025.6 3776119.3   346.0     5.00     4.51
3.64     YES   HROFDY
 C3038626         0   0.36053E-02  472025.9 3776129.0   346.0     5.00     4.51
3.64     YES   HROFDY
 C3038627         0   0.36053E-02  472026.1 3776138.7   346.1     5.00     4.51
3.64     YES   HROFDY
 C3038628         0   0.36053E-02  472026.6 3776148.4   346.1     5.00     4.51
3.64     YES   HROFDY
 C3038629         0   0.36053E-02  472027.9 3776158.0   346.2     5.00     4.51
3.64     YES   HROFDY
 C3038630         0   0.36053E-02  472029.2 3776167.6   346.3     5.00     4.51
3.64     YES   HROFDY
 C3038631         0   0.36053E-02  472030.6 3776177.2   346.3     5.00     4.51
3.64     YES   HROFDY
 C3038632         0   0.36053E-02  472031.9 3776186.8   346.4     5.00     4.51
3.64     YES   HROFDY
 C3038633         0   0.36053E-02  472033.3 3776196.4   346.5     5.00     4.51
3.64     YES   HROFDY
 C3038634         0   0.36053E-02  472034.6 3776206.0   346.5     5.00     4.51
3.64     YES   HROFDY
 C3038635         0   0.36053E-02  472036.0 3776215.6   346.6     5.00     4.51
3.64     YES   HROFDY
 C3038636         0   0.36053E-02  472035.3 3776225.3   346.6     5.00     4.51
3.64     YES   HROFDY
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
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 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** 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
C3038637	0	0.36053E-02	472034.3	3776234.9	346.6	5.00	4.51	3.64	YES	HROFDY
C3038638	0	0.36053E-02	472033.3	3776244.6	346.6	5.00	4.51	3.64	YES	HROFDY
C3038639	0	0.36053E-02	472032.4	3776254.2	346.6	5.00	4.51	3.64	YES	HROFDY
C3038640	0	0.36053E-02	472031.4	3776263.9	346.4	5.00	4.51	3.64	YES	HROFDY
C3038641	0	0.36053E-02	472030.5	3776273.5	346.3	5.00	4.51	3.64	YES	HROFDY
C3038642	0	0.36053E-02	472029.5	3776283.2	346.3	5.00	4.51	3.64	YES	HROFDY
C3038643	0	0.36053E-02	472028.6	3776292.8	346.2	5.00	4.51	3.64	YES	HROFDY
C3038644	0	0.36053E-02	472027.6	3776302.5	346.1	5.00	4.51	3.64	YES	HROFDY
C3038645	0	0.36053E-02	472026.0	3776312.0	346.1	5.00	4.51	3.64	YES	HROFDY
C3038646	0	0.36053E-02	472024.1	3776321.6	346.2	5.00	4.51	3.64	YES	HROFDY
C3038647	0	0.36053E-02	472022.2	3776331.1	346.2	5.00	4.51	3.64	YES	HROFDY
C3038648	0	0.36053E-02	472020.4	3776340.6	346.3	5.00	4.51	3.64	YES	HROFDY
C3038649	0	0.36053E-02	472018.5	3776350.1	346.5	5.00	4.51	3.64	YES	HROFDY
C3038650	0	0.36053E-02	472016.6	3776359.6	346.2	5.00	4.51	3.64	YES	HROFDY
C3038651	0	0.36053E-02	472014.7	3776369.1	345.8	5.00	4.51	3.64	YES	HROFDY
C3038652	0	0.36053E-02	472007.9	3776375.8	346.2	5.00	4.51	3.64	YES	HROFDY
C3038653	0	0.36053E-02	472000.5	3776382.1	346.9	5.00	4.51	3.64	YES	HROFDY
C3038654	0	0.36053E-02	471995.9	3776389.7	347.3	5.00	4.51			

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3.64     YES   HROFDY
 C3038655         0   0.36053E-02  471995.6 3776399.3   347.1     5.00     4.51
3.64     YES   HROFDY
 C3038656         0   0.36053E-02  471995.4 3776409.0   346.9     5.00     4.51
3.64     YES   HROFDY
 C3038657         0   0.36053E-02  471995.1 3776418.7   346.6     5.00     4.51
3.64     YES   HROFDY
 C3038658         0   0.36053E-02  471994.9 3776428.4   346.1     5.00     4.51
3.64     YES   HROFDY
 C3038659         0   0.36053E-02  471992.1 3776437.5   346.0     5.00     4.51
3.64     YES   HROFDY
 C3038660         0   0.36053E-02  471988.0 3776446.3   346.0     5.00     4.51
3.64     YES   HROFDY
 C3038661         0   0.36053E-02  471983.9 3776455.1   346.2     5.00     4.51
3.64     YES   HROFDY
 C3038662         0   0.36053E-02  471979.7 3776463.9   346.5     5.00     4.51
3.64     YES   HROFDY
 C3038663         0   0.36053E-02  471975.6 3776472.7   346.9     5.00     4.51
3.64     YES   HROFDY
 C3038664         0   0.36053E-02  471971.5 3776481.5   347.2     5.00     4.51
3.64     YES   HROFDY
 C3038665         0   0.36053E-02  471967.4 3776490.2   347.4     5.00     4.51
3.64     YES   HROFDY
 C3038666         0   0.36053E-02  471963.3 3776499.0   347.3     5.00     4.51
3.64     YES   HROFDY
 C3038667         0   0.36053E-02  471959.2 3776507.8   347.4     5.00     4.51
3.64     YES   HROFDY
 C3038668         0   0.36053E-02  471955.1 3776516.6   347.5     5.00     4.51
3.64     YES   HROFDY
 C3038669         0   0.36053E-02  471950.9 3776525.4   347.7     5.00     4.51
3.64     YES   HROFDY
 C3038670         0   0.36053E-02  471946.8 3776534.2   348.0     5.00     4.51
3.64     YES   HROFDY
 C3038671         0   0.36053E-02  471942.7 3776542.9   348.1     5.00     4.51
3.64     YES   HROFDY
 C3038672         0   0.36053E-02  471938.6 3776551.7   348.0     5.00     4.51
3.64     YES   HROFDY
 C3038673         0   0.36053E-02  471934.5 3776560.5   347.9     5.00     4.51
3.64     YES   HROFDY
 C3038674         0   0.36053E-02  471930.4 3776569.3   348.1     5.00     4.51
3.64     YES   HROFDY
 C3038675         0   0.36053E-02  471926.2 3776578.1   348.3     5.00     4.51
3.64     YES   HROFDY
 C3038676         0   0.36053E-02  471919.5 3776580.7   348.8     5.00     4.51
3.64     YES   HROFDY
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 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
C3038677	0	0.36053E-02	471910.4	3776577.5	349.6	5.00	4.51	3.64	YES	HROFDY
C3038678	0	0.36053E-02	471901.2	3776574.3	350.0	5.00	4.51	3.64	YES	HROFDY
C3038679	0	0.36053E-02	471898.6	3776582.0	350.0	5.00	4.51	3.64	YES	HROFDY
C3038680	0	0.36053E-02	471897.2	3776591.6	350.0	5.00	4.51	3.64	YES	HROFDY
C3038681	0	0.36053E-02	471895.7	3776601.2	349.9	5.00	4.51	3.64	YES	HROFDY
C3038682	0	0.36053E-02	471894.2	3776610.8	349.7	5.00	4.51	3.64	YES	HROFDY
C3038683	0	0.36053E-02	471892.8	3776620.4	349.4	5.00	4.51	3.64	YES	HROFDY
C3038684	0	0.36053E-02	471886.4	3776627.6	349.5	5.00	4.51	3.64	YES	HROFDY
C3038685	0	0.36053E-02	471879.7	3776634.6	349.9	5.00	4.51	3.64	YES	HROFDY
C3038686	0	0.36053E-02	471873.0	3776641.6	350.2	5.00	4.51	3.64	YES	HROFDY
C3038687	0	0.36053E-02	471866.4	3776648.6	350.3	5.00	4.51	3.64	YES	HROFDY
C3038688	0	0.36053E-02	471859.7	3776655.6	350.4	5.00	4.51	3.64	YES	HROFDY
C3038689	0	0.36053E-02	471853.0	3776662.7	350.7	5.00	4.51	3.64	YES	HROFDY
C3038690	0	0.36053E-02	471846.3	3776669.7	351.0	5.00	4.51	3.64	YES	HROFDY
C3038691	0	0.36053E-02	471839.6	3776676.7	351.1	5.00	4.51	3.64	YES	HROFDY
C3038692	0	0.36053E-02	471832.9	3776683.7	351.2	5.00	4.51			

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3.64     YES   HROFDY
 C3038693         0   0.36053E-02  471826.2 3776690.7   351.4     5.00     4.51
3.64     YES   HROFDY
 C3038694         0   0.36053E-02  471819.5 3776697.7   351.6     5.00     4.51
3.64     YES   HROFDY
 C3038695         0   0.36053E-02  471812.8 3776704.8   351.8     5.00     4.51
3.64     YES   HROFDY
 C3038696         0   0.36053E-02  471806.1 3776711.8   351.8     5.00     4.51
3.64     YES   HROFDY
 C3038697         0   0.36053E-02  471799.4 3776718.8   352.0     5.00     4.51
3.64     YES   HROFDY
 C3038698         0   0.36053E-02  471792.7 3776725.8   352.2     5.00     4.51
3.64     YES   HROFDY
 C3038699         0   0.36053E-02  471785.4 3776732.1   352.4     5.00     4.51
3.64     YES   HROFDY
 C3038700         0   0.36053E-02  471777.7 3776738.1   352.5     5.00     4.51
3.64     YES   HROFDY
 C3038701         0   0.36053E-02  471770.1 3776744.1   352.7     5.00     4.51
3.64     YES   HROFDY
 C3038702         0   0.36053E-02  471762.5 3776750.1   352.8     5.00     4.51
3.64     YES   HROFDY
 C3038703         0   0.36053E-02  471754.8 3776756.0   353.0     5.00     4.51
3.64     YES   HROFDY
 C3038704         0   0.36053E-02  471747.2 3776762.0   353.1     5.00     4.51
3.64     YES   HROFDY
 C3038705         0   0.36053E-02  471739.5 3776768.0   353.3     5.00     4.51
3.64     YES   HROFDY
 C3038706         0   0.36053E-02  471731.9 3776774.0   353.4     5.00     4.51
3.64     YES   HROFDY
 C3038707         0   0.36053E-02  471724.3 3776780.0   353.5     5.00     4.51
3.64     YES   HROFDY
 C3038708         0   0.36053E-02  471716.6 3776785.9   353.7     5.00     4.51
3.64     YES   HROFDY
 C3038709         0   0.36053E-02  471709.0 3776791.9   353.8     5.00     4.51
3.64     YES   HROFDY
 C3038710         0   0.36053E-02  471701.3 3776797.9   353.9     5.00     4.51
3.64     YES   HROFDY
 C3038711         0   0.36053E-02  471693.7 3776803.9   354.0     5.00     4.51
3.64     YES   HROFDY
 C3038712         0   0.36053E-02  471686.1 3776809.8   354.1     5.00     4.51
3.64     YES   HROFDY
 C3038713         0   0.36053E-02  471678.4 3776815.8   354.2     5.00     4.51
3.64     YES   HROFDY
 C3038714         0   0.36053E-02  471670.7 3776821.7   354.4     5.00     4.51
3.64     YES   HROFDY
 C3038715         0   0.36053E-02  471663.0 3776827.6   354.4     5.00     4.51
3.64     YES   HROFDY
 C3038716         0   0.36053E-02  471655.3 3776833.5   354.5     5.00     4.51
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3.64     YES   HROFDY
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                 *** VOLUME SOURCE DATA ***

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

 C3038717         0   0.36053E-02  471647.7 3776839.5   354.6     5.00     4.51
3.64     YES   HROFDY
 C3038718         0   0.36053E-02  471640.0 3776845.4   354.8     5.00     4.51
3.64     YES   HROFDY
 C3038719         0   0.36053E-02  471632.3 3776851.3   354.9     5.00     4.51
3.64     YES   HROFDY
 C3038720         0   0.36053E-02  471624.6 3776857.3   354.9     5.00     4.51
3.64     YES   HROFDY
 C3038721         0   0.36053E-02  471617.0 3776863.2   355.0     5.00     4.51
3.64     YES   HROFDY
 C3038722         0   0.36053E-02  471609.3 3776869.1   355.1     5.00     4.51
3.64     YES   HROFDY
 C3038723         0   0.36053E-02  471601.6 3776875.1   355.3     5.00     4.51
3.64     YES   HROFDY
 C3038724         0   0.36053E-02  471593.9 3776881.0   355.4     5.00     4.51
3.64     YES   HROFDY
 C3038725         0   0.36053E-02  471586.3 3776886.9   355.6     5.00     4.51
3.64     YES   HROFDY
 C3038726         0   0.36053E-02  471578.7 3776893.0   355.7     5.00     4.51
3.64     YES   HROFDY
 C3038727         0   0.36053E-02  471571.2 3776899.1   355.8     5.00     4.51
3.64     YES   HROFDY
 C3038728         0   0.36053E-02  471563.6 3776905.2   356.0     5.00     4.51
3.64     YES   HROFDY
 C3038729         0   0.36053E-02  471556.0 3776911.3   356.2     5.00     4.51
3.64     YES   HROFDY
 C3038730         0   0.36053E-02  471548.5 3776917.3   356.4     5.00     4.51
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3.64     YES   HROFDY
 C3038731         0   0.36053E-02  471540.9 3776923.4   356.5     5.00     4.51
3.64     YES   HROFDY
 C3038732         0   0.36053E-02  471533.4 3776929.5   356.6     5.00     4.51
3.64     YES   HROFDY
 C3038733         0   0.36053E-02  471525.8 3776935.6   356.6     5.00     4.51
3.64     YES   HROFDY
 C3038734         0   0.36053E-02  471518.2 3776941.7   356.8     5.00     4.51
3.64     YES   HROFDY
 C3038735         0   0.36053E-02  471510.7 3776947.7   356.9     5.00     4.51
3.64     YES   HROFDY
 C3038736         0   0.36053E-02  471503.1 3776953.8   357.0     5.00     4.51
3.64     YES   HROFDY
 C3038737         0   0.36053E-02  471495.6 3776959.9   357.1     5.00     4.51
3.64     YES   HROFDY
 C3038738         0   0.36053E-02  471488.0 3776966.0   357.2     5.00     4.51
3.64     YES   HROFDY
 C3038739         0   0.36053E-02  471480.5 3776972.0   357.3     5.00     4.51
3.64     YES   HROFDY
 C3038740         0   0.36053E-02  471472.9 3776978.1   357.4     5.00     4.51
3.64     YES   HROFDY
 C3038741         0   0.36053E-02  471465.3 3776984.2   357.5     5.00     4.51
3.64     YES   HROFDY
 C3038742         0   0.36053E-02  471457.8 3776990.3   357.6     5.00     4.51
3.64     YES   HROFDY
 C3038743         0   0.36053E-02  471450.2 3776996.4   357.7     5.00     4.51
3.64     YES   HROFDY
 C3038744         0   0.36053E-02  471442.7 3777002.4   357.9     5.00     4.51
3.64     YES   HROFDY
 C3038745         0   0.36053E-02  471435.1 3777008.5   358.0     5.00     4.51
3.64     YES   HROFDY
 C3038746         0   0.36053E-02  471427.5 3777014.6   358.1     5.00     4.51
3.64     YES   HROFDY
 C3038747         0   0.36053E-02  471420.0 3777020.7   358.2     5.00     4.51
3.64     YES   HROFDY
 C3038748         0   0.36053E-02  471412.4 3777026.8   358.3     5.00     4.51
3.64     YES   HROFDY
 C3038749         0   0.36053E-02  471404.9 3777032.8   358.4     5.00     4.51
3.64     YES   HROFDY
 C3038750         0   0.36053E-02  471397.3 3777038.9   358.5     5.00     4.51
3.64     YES   HROFDY
 C3038751         0   0.36053E-02  471389.8 3777045.0   358.6     5.00     4.51
3.64     YES   HROFDY
 C3038752         0   0.36053E-02  471382.2 3777051.1   358.7     5.00     4.51
3.64     YES   HROFDY
 C3038753         0   0.36053E-02  471374.6 3777057.1   358.8     5.00     4.51
3.64     YES   HROFDY
 C3038754         0   0.36053E-02  471367.0 3777063.2   359.0     5.00     4.51
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3.64     YES   HROFDY
 C3038755         0   0.36053E-02  471359.4 3777069.2   359.1     5.00     4.51
3.64     YES   HROFDY
 C3038756         0   0.36053E-02  471351.8 3777075.2   359.2     5.00     4.51
3.64     YES   HROFDY
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE  10
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

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

 C3038757         0   0.36053E-02  471344.2 3777081.3   359.4     5.00     4.51
3.64     YES   HROFDY
 C3038758         0   0.36053E-02  471336.6 3777087.3   359.5     5.00     4.51
3.64     YES   HROFDY
 C3038759         0   0.36053E-02  471329.1 3777093.3   359.6     5.00     4.51
3.64     YES   HROFDY
 C3038760         0   0.36053E-02  471321.5 3777099.4   359.8     5.00     4.51
3.64     YES   HROFDY
 C3038761         0   0.36053E-02  471313.9 3777105.4   359.9     5.00     4.51
3.64     YES   HROFDY
 C3038762         0   0.36053E-02  471306.3 3777111.5   360.1     5.00     4.51
3.64     YES   HROFDY
 C3038763         0   0.36053E-02  471298.7 3777117.5   360.2     5.00     4.51
3.64     YES   HROFDY
 C3038764         0   0.36053E-02  471291.1 3777123.5   360.3     5.00     4.51
3.64     YES   HROFDY
 C3038765         0   0.36053E-02  471283.5 3777129.6   360.5     5.00     4.51
3.64     YES   HROFDY
 C3038766         0   0.36053E-02  471275.9 3777135.6   360.6     5.00     4.51
3.64     YES   HROFDY
 C3038767         0   0.36053E-02  471268.3 3777141.6   360.8     5.00     4.51
3.64     YES   HROFDY
 C3038768         0   0.36053E-02  471260.7 3777147.7   360.9     5.00     4.51
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3.64     YES   HROFDY
 C3038769         0   0.36053E-02  471253.1 3777153.7   361.0     5.00     4.51
3.64     YES   HROFDY
 C3038770         0   0.36053E-02  471245.5 3777159.8   361.2     5.00     4.51
3.64     YES   HROFDY
 C3038771         0   0.36053E-02  471237.9 3777165.8   361.3     5.00     4.51
3.64     YES   HROFDY
 C3038772         0   0.36053E-02  471230.4 3777171.8   361.5     5.00     4.51
3.64     YES   HROFDY
 C3038773         0   0.36053E-02  471222.8 3777177.9   361.6     5.00     4.51
3.64     YES   HROFDY
 C3038774         0   0.36053E-02  471215.2 3777183.9   361.8     5.00     4.51
3.64     YES   HROFDY
 C3038775         0   0.36053E-02  471207.6 3777189.9   361.9     5.00     4.51
3.64     YES   HROFDY
 C3038776         0   0.36053E-02  471199.9 3777195.9   362.1     5.00     4.51
3.64     YES   HROFDY
 C3038777         0   0.36053E-02  471192.3 3777201.8   362.2     5.00     4.51
3.64     YES   HROFDY
 C3038778         0   0.36053E-02  471184.6 3777207.8   362.4     5.00     4.51
3.64     YES   HROFDY
 C3038779         0   0.36053E-02  471176.9 3777213.7   362.6     5.00     4.51
3.64     YES   HROFDY
 C3038780         0   0.36053E-02  471169.2 3777219.6   362.7     5.00     4.51
3.64     YES   HROFDY
 C3038781         0   0.36053E-02  471161.5 3777225.5   362.9     5.00     4.51
3.64     YES   HROFDY
 C3038782         0   0.36053E-02  471153.8 3777231.4   363.0     5.00     4.51
3.64     YES   HROFDY
 C3038783         0   0.36053E-02  471146.1 3777237.3   363.2     5.00     4.51
3.64     YES   HROFDY
 C3038784         0   0.36053E-02  471138.5 3777243.3   363.4     5.00     4.51
3.64     YES   HROFDY
 C3038785         0   0.36053E-02  471130.8 3777249.2   363.6     5.00     4.51
3.64     YES   HROFDY
 C3038786         0   0.36053E-02  471123.1 3777255.1   363.8     5.00     4.51
3.64     YES   HROFDY
 C3038787         0   0.36053E-02  471115.4 3777261.0   363.9     5.00     4.51
3.64     YES   HROFDY
 C3038788         0   0.36053E-02  471107.7 3777266.9   364.1     5.00     4.51
3.64     YES   HROFDY
 C3038789         0   0.36053E-02  471100.0 3777272.9   364.4     5.00     4.51
3.64     YES   HROFDY
 C3038790         0   0.36053E-02  471092.3 3777278.8   364.6     5.00     4.51
3.64     YES   HROFDY
 C3038791         0   0.36053E-02  471084.7 3777284.7   364.7     5.00     4.51
3.64     YES   HROFDY
 C3038792         0   0.36053E-02  471077.0 3777290.6   364.9     5.00     4.51
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3.64     YES   HROFDY
 C3038793         0   0.36053E-02  471069.3 3777296.5   365.1     5.00     4.51
3.64     YES   HROFDY
 C3038794         0   0.36053E-02  471061.6 3777302.4   365.2     5.00     4.51
3.64     YES   HROFDY
 C3038795         0   0.36053E-02  471053.9 3777308.4   365.4     5.00     4.51
3.64     YES   HROFDY
 C3038796         0   0.36053E-02  471046.2 3777314.3   365.6     5.00     4.51
3.64     YES   HROFDY
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE  11
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                   *** VOLUME SOURCE DATA ***

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

 C3038797         0   0.36053E-02  471038.5 3777320.2   365.7     5.00     4.51
3.64     YES   HROFDY
 C3038798         0   0.36053E-02  471031.0 3777326.3   365.9     5.00     4.51
3.64     YES   HROFDY
 C3038799         0   0.36053E-02  471023.7 3777332.7   366.1     5.00     4.51
3.64     YES   HROFDY
 C3038800         0   0.36053E-02  471016.4 3777339.1   366.2     5.00     4.51
3.64     YES   HROFDY
 C3038801         0   0.36053E-02  471009.1 3777345.5   366.4     5.00     4.51
3.64     YES   HROFDY
 C3038802         0   0.36053E-02  471001.8 3777351.9   366.5     5.00     4.51
3.64     YES   HROFDY
 C3038803         0   0.36053E-02  470994.5 3777358.2   366.7     5.00     4.51
3.64     YES   HROFDY
 C3038804         0   0.36053E-02  470987.2 3777364.6   366.9     5.00     4.51
3.64     YES   HROFDY
 C3038805         0   0.36053E-02  470979.9 3777371.0   367.1     5.00     4.51
3.64     YES   HROFDY
 C3038806         0   0.36053E-02  470972.6 3777377.4   367.3     5.00     4.51
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3.64     YES   HROFDY
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3.64     YES   HROFDY
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3.64     YES   HROFDY
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3.64     YES   HROFDY
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3.64     YES   HROFDY
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3.64     YES   HROFDY
 C3038812         0   0.36053E-02  470928.8 3777415.7   368.4     5.00     4.51
3.64     YES   HROFDY
 C3038813         0   0.36053E-02  470921.5 3777422.1   368.5     5.00     4.51
3.64     YES   HROFDY
 C3038814         0   0.36053E-02  470914.5 3777428.8   368.7     5.00     4.51
3.64     YES   HROFDY
 C3038815         0   0.36053E-02  470907.6 3777435.7   368.9     5.00     4.51
3.64     YES   HROFDY
 C3038816         0   0.36053E-02  470900.8 3777442.5   369.1     5.00     4.51
3.64     YES   HROFDY
 C3038817         0   0.36053E-02  470893.9 3777449.4   369.3     5.00     4.51
3.64     YES   HROFDY
 C3038818         0   0.36053E-02  470887.1 3777456.3   369.5     5.00     4.51
3.64     YES   HROFDY
 C3038819         0   0.36053E-02  470880.2 3777463.1   369.7     5.00     4.51
3.64     YES   HROFDY
 C3038820         0   0.36053E-02  470873.3 3777470.0   369.9     5.00     4.51
3.64     YES   HROFDY
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3.64     YES   HROFDY
 C3038822         0   0.36053E-02  470859.6 3777483.7   370.4     5.00     4.51
3.64     YES   HROFDY
 C3038823         0   0.36053E-02  470852.8 3777490.5   370.5     5.00     4.51
3.64     YES   HROFDY
 C3038824         0   0.36053E-02  470845.9 3777497.4   370.7     5.00     4.51
3.64     YES   HROFDY
 C3038825         0   0.36053E-02  470839.0 3777504.3   371.0     5.00     4.51
3.64     YES   HROFDY
 C3038826         0   0.36053E-02  470832.2 3777511.1   371.2     5.00     4.51
3.64     YES   HROFDY
 C3038827         0   0.36053E-02  470825.3 3777518.0   371.2     5.00     4.51
3.64     YES   HROFDY
 C3038828         0   0.36053E-02  470818.5 3777524.8   371.1     5.00     4.51
3.64     YES   HROFDY
 C3038829         0   0.36053E-02  470811.6 3777531.7   371.5     5.00     4.51
3.64     YES   HROFDY
 C3038830         0   0.36053E-02  470804.7 3777538.5   371.8     5.00     4.51
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3.64     YES   HROFDY
 C3038831         0   0.36053E-02  470797.9 3777545.4   371.8     5.00     4.51
3.64     YES   HROFDY
 C3038832         0   0.36053E-02  470791.0 3777552.3   371.5     5.00     4.51
3.64     YES   HROFDY
 C3038833         0   0.36053E-02  470784.2 3777559.1   372.0     5.00     4.51
3.64     YES   HROFDY
 C3038834         0   0.36053E-02  470777.3 3777566.0   372.4     5.00     4.51
3.64     YES   HROFDY
 C3038835         0   0.36053E-02  470770.4 3777572.8   372.5     5.00     4.51
3.64     YES   HROFDY
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3.64     YES   HROFDY
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        23:38:06

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

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

 C3038837         0   0.36053E-02  470757.5 3777587.3   372.9     5.00     4.51
3.64     YES   HROFDY
 C3038838         0   0.36053E-02  470751.2 3777594.7   374.0     5.00     4.51
3.64     YES   HROFDY
 C3038839         0   0.36053E-02  470745.0 3777602.1   374.9     5.00     4.51
3.64     YES   HROFDY
 C3038840         0   0.36053E-02  470738.7 3777609.4   375.5     5.00     4.51
3.64     YES   HROFDY
 C3038841         0   0.36053E-02  470732.4 3777616.8   375.6     5.00     4.51
3.64     YES   HROFDY
 C3038842         0   0.36053E-02  470726.1 3777624.2   375.9     5.00     4.51
3.64     YES   HROFDY
 C3038843         0   0.36053E-02  470719.8 3777631.6   375.8     5.00     4.51
3.64     YES   HROFDY
 C3038844         0   0.36053E-02  470713.5 3777639.0   375.4     5.00     4.51
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3.64     YES   HROFDY
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3.64     YES   HROFDY
 C3038846         0   0.36053E-02  470700.9 3777653.8   375.7     5.00     4.51
3.64     YES   HROFDY
 C3038847         0   0.36053E-02  470694.6 3777661.1   375.6     5.00     4.51
3.64     YES   HROFDY
 C3038848         0   0.36053E-02  470688.4 3777668.5   375.4     5.00     4.51
3.64     YES   HROFDY
 C3038849         0   0.36053E-02  470682.1 3777675.9   375.5     5.00     4.51
3.64     YES   HROFDY
 C3038850         0   0.36053E-02  470675.8 3777683.3   375.8     5.00     4.51
3.64     YES   HROFDY
 C3038851         0   0.36053E-02  470669.5 3777690.7   375.9     5.00     4.51
3.64     YES   HROFDY
 C3038852         0   0.36053E-02  470663.2 3777698.1   375.7     5.00     4.51
3.64     YES   HROFDY
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3.64     YES   HROFDY
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3.64     YES   HROFDY
 C4038855         0   0.35806E-02  469162.5 3779584.6   423.9     5.00     4.51
3.64     YES   HROFDY
 C4038856         0   0.35806E-02  469156.6 3779592.2   424.1     5.00     4.51
3.64     YES   HROFDY
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3.64     YES   HROFDY
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3.64     YES   HROFDY
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3.64     YES   HROFDY
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3.64     YES   HROFDY
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3.64     YES   HROFDY
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3.64     YES   HROFDY
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3.64     YES   HROFDY
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3.64     YES   HROFDY
 C4038868         0   0.35806E-02  469085.2 3779684.2   426.4     5.00     4.51
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3.64     YES   HROFDY
 C4038869         0   0.35806E-02  469079.2 3779691.8   426.5     5.00     4.51
3.64     YES   HROFDY
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 C4038871         0   0.35806E-02  469067.3 3779707.1   426.8     5.00     4.51
3.64     YES   HROFDY
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3.64     YES   HROFDY
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3.64     YES   HROFDY
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3.64     YES   HROFDY
 C4038875         0   0.35806E-02  469043.3 3779737.6   427.3     5.00     4.51
3.64     YES   HROFDY
 C4038876         0   0.35806E-02  469037.3 3779745.2   427.4     5.00     4.51
3.64     YES   HROFDY
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                                                    *** VOLUME SOURCE DATA ***

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

 C4038877         0   0.35806E-02  469031.2 3779752.8   427.6     5.00     4.51
3.64     YES   HROFDY
 C4038878         0   0.35806E-02  469025.2 3779760.4   427.7     5.00     4.51
3.64     YES   HROFDY
 C4038879         0   0.35806E-02  469019.2 3779768.0   427.9     5.00     4.51
3.64     YES   HROFDY
 C4038880         0   0.35806E-02  469013.2 3779775.6   428.1     5.00     4.51
3.64     YES   HROFDY
 C4038881         0   0.35806E-02  469007.1 3779783.2   428.3     5.00     4.51
3.64     YES   HROFDY
 C4038882         0   0.35806E-02  469001.1 3779790.8   428.4     5.00     4.51
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3.64     YES   HROFDY
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3.64     YES   HROFDY
 C4038884         0   0.35806E-02  468989.0 3779806.0   428.8     5.00     4.51
3.64     YES   HROFDY
 C4038885         0   0.35806E-02  468983.0 3779813.6   429.0     5.00     4.51
3.64     YES   HROFDY
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        23:38:06

                                  PAGE  14
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS
***

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


  BNSFCONS   C3038437    , C3038438    , C3038439    , C3038440    , C3038441    ,
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             C3038461    , C3038462    , C3038463    , C3038464    , C3038465    ,
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS
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*** AERMOD - VERSION 19191 *** *** Ono Construction PM10
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 23:38:06

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS
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 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** SOURCE IDs DEFINING SOURCE GROUPS
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                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

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                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                         *** SOURCE IDs DEFINED AS URBAN SOURCES
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↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
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             C3038813    , C3038814    , C3038815    , C3038816    , C3038817    ,
C3038818    , C3038819    , C3038820    ,

             C3038821    , C3038822    , C3038823    , C3038824    , C3038825    ,
C3038826    , C3038827    , C3038828    ,

             C3038829    , C3038830    , C3038831    , C3038832    , C3038833    ,
C3038834    , C3038835    , C3038836    ,

             C3038837    , C3038838    , C3038839    , C3038840    , C3038841    ,
C3038842    , C3038843    , C3038844    ,

             C3038845    , C3038846    , C3038847    , C3038848    , C3038849    ,
C3038850    , C3038851    , C3038852    ,

             C3038853    , C3038854    , C4038855    , C4038856    , C4038857    ,
C4038858    , C4038859    , C4038860    ,

             C4038861    , C4038862    , C4038863    , C4038864    , C4038865    ,
C4038866    , C4038867    , C4038868    ,

             C4038869    , C4038870    , C4038871    , C4038872    , C4038873    ,
C4038874    , C4038875    , C4038876    ,

             C4038877    , C4038878    , C4038879    , C4038880    , C4038881    ,
C4038882    , C4038883    , C4038884    ,

             C4038885    ,
```



```
                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038437     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
```

```
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038438     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038439     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038440     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038441     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
```

```
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        23:38:06

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038442     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038443     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038444     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
```

```
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038445     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038446     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE  25
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038447     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
```

```
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038448     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038449     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038450     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038451     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
```

```
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE  26
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038452     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038453     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038454     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
```

```
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038455     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038456     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE  27
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038457     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
```

```
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038458     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038459     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038460     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038461     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

```
     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038462     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038463     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038464     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```

```
 SOURCE ID = C3038465     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038466     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038467     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
```

```
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038468     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038469     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038470     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038471     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

```
    HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - -
```

```
 SOURCE ID = C3038475     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038476     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038477     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```

```
SOURCE ID = C3038478     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038479     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038480     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038481     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

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

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038482     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038483     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038484     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038485     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
```

```
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038486     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE  33
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038487     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038488     ; SOURCE TYPE = VOLUME   :
```

```
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038489     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038490     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038491     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

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

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038492     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038493     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038494     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038495     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
```

```
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038496     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        23:38:06

                                  PAGE  35
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038497     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038498     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
```

```
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038499     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038500     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038501     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

```
                              * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038502     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038503     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038504     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038505     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
```

```
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038506     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE  37
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038507     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038508     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
```

```
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038509     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038510     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038511     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```



```
                          * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *
```

```
    HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038512     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038513     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038514     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038515     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
```

```
 23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038516     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE  39
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038517     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038518     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
```

```
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038519     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038520     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038521     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```



```
                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
```

```
 HOUR    SCALAR      HOUR    SCALAR
 - - -
```

```
 SOURCE ID = C3038526     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE  41
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038527     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038528     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```

```
 SOURCE ID = C3038529     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038530     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038531     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE  42
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

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


 SOURCE ID = C3038532     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038533     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038534     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038535     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038536     ; SOURCE TYPE = VOLUME   :
```

```
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE  43
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038537     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038538     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```

```
 SOURCE ID = C3038539     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038540     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038541     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE  44
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
```

```
SOURCE ID = C3038542     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038543     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038544     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038545     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038546     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
```

```
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE  45
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038547     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038548     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038549     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
```

```
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038550     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038551     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE  46
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


SOURCE ID = C3038552     ; SOURCE TYPE = VOLUME   :
```

```
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038553     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038554     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038555     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038556     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
```

```
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE  47
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038557     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038558     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038559     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
```

```
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038560     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038561     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE  48
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038562     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
```

```
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038563     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038564     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038565     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038566     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
```

```
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE  49
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038567     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038568     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038569     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
```

```
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038570     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038571     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        23:38:06

                                  PAGE  50
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


SOURCE ID = C3038572     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
```

```
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038573     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038574     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038575     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038576     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

```
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE  51
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038577     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038578     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038579     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
```

```
 23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038580     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038581     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE  52
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038582     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
```

```
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038583     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038584     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038585     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038586     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

```
    HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - -
```

```
 SOURCE ID = C3038590     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038591     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE  54
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038592     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```

```
SOURCE ID = C3038593     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038594     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038595     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038596     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

```
     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038597     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038598     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038599     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038600     ; SOURCE TYPE = VOLUME   :
```

```
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038601     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038602     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```

```
SOURCE ID = C3038603     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038604     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038605     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038606     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

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

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038607     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038608     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038609     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038610     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
```

```
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038611     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE  58
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038612     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038613     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
```

```
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038614     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038615     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038616     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

```
                              * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038617     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038618     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038619     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038620     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
```

```
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038621     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE  60
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038622     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038623     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
```

```
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038624     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038625     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038626     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```



```
                    * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
```

```
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038627     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038628     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038629     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038630     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
```

```
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038631     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE  62
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038632     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038633     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
```

```
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038634     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038635     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038636     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

*** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                         ***        06/23/20
*** AERMET - VERSION  16216 ***   ***
                       ***        23:38:06

                                  PAGE  63
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *
```

```
    HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038637     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038638     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038639     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038640     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```

```
 SOURCE ID = C3038641     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE  64
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038642     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038643     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
```

```
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038644     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038645     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038646     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```



```
                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

    HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
```

```
 - - -
```

```
 SOURCE ID = C3038651     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE  66
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038652     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038653     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```

```
 SOURCE ID = C3038654     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038655     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038656     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE  67
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
```

```
SOURCE ID = C3038657     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038658     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038659     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038660     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038661     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
```

```
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

*** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                        ***        06/23/20
*** AERMET - VERSION  16216 ***   ***
                      ***        23:38:06

                                 PAGE  68
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                           * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

    HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


SOURCE ID = C3038662     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038663     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038664     ; SOURCE TYPE = VOLUME   :
```

```
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038665     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038666     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE  69
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
```

```
SOURCE ID = C3038667     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038668     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038669     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038670     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038671     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
```

```
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

*** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                         ***        06/23/20
*** AERMET - VERSION  16216 ***   ***
                       ***        23:38:06

                                  PAGE  70
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                           * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

    HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


SOURCE ID = C3038672     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038673     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038674     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
```

```
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038675     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038676     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```



```
                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038677     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
```

```
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038678     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038679     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038680     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038681     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
```

```
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        23:38:06

                                  PAGE  72
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038682     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038683     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038684     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
```

```
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038685     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038686     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE  73
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038687     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
```

```
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038688     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038689     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038690     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038691     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
```

```
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE  74
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038692     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038693     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038694     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
```

```
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038695     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038696     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE  75
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038697     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
```

```
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038698     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038699     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038700     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038701     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

```
     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038702     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038703     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038704     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```

```
 SOURCE ID = C3038705     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038706     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE  77
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038707     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
```

```
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038708     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038709     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038710     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038711     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

```
    HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - -
```

```
 SOURCE ID = C3038715     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038716     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE  79
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038717     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```

```
SOURCE ID = C3038718     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038719     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038720     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038721     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

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

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038722     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038723     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038724     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038725     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
```

```
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038726     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038727     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038728     ; SOURCE TYPE = VOLUME   :
```

```
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038729     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038730     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038731     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

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

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038732     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038733     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038734     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038735     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
```

```
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038736     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        23:38:06

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038737     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038738     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
```

```
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038739     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038740     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038741     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

```
                              * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038742     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038743     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038744     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038745     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
```

```
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038746     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE  85
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038747     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038748     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
```

```
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038749     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038750     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038751     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE  86
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *
```

```
    HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038752     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038753     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038754     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038755     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
```

```
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038756     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE  87
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038757     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038758     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
```

```
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038759     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038760     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038761     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```



```
                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
```

```
 HOUR    SCALAR      HOUR    SCALAR
 - - -
```

```
 SOURCE ID = C3038766     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE  89
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038767     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038768     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```

```
 SOURCE ID = C3038769     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038770     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038771     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE  90
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

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


 SOURCE ID = C3038772     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038773     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038774     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038775     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038776     ; SOURCE TYPE = VOLUME   :
```

```
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE  91
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038777     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038778     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```

```
 SOURCE ID = C3038779     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038780     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038781     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE  92
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
```

```
SOURCE ID = C3038782     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038783     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038784     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038785     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038786     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
```

```
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE  93
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038787     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038788     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038789     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
```

```
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038790     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038791     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```



```
                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038792     ; SOURCE TYPE = VOLUME   :
```

```
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038793     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038794     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038795     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038796     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
```

```
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE  95
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038797     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038798     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038799     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
```

```
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038800     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038801     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```



```
                          * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038802     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
```

```
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038803     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038804     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038805     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038806     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
```

```
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE  97
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038807     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038808     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038809     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
```

```
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038810     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038811     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        23:38:06

                                  PAGE  98
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -


SOURCE ID = C3038812     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
```

```
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038813     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038814     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038815     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038816     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

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↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE  99
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038817     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038818     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038819     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
```

```
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038820     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038821     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE 100
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038822     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
```

```
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038823     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038824     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038825     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038826     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

```
    HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038827     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038828     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038829     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```

```
 SOURCE ID = C3038830     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038831     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE 102
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038832     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```

```
SOURCE ID = C3038833     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038834     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038835     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038836     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

```
     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038837     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038838     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038839     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038840     ; SOURCE TYPE = VOLUME   :
```

```
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038841     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE 104
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038842     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```

```
SOURCE ID = C3038843     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038844     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038845     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038846     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

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

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038847     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038848     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038849     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038850     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
```

```
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038851     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE 106
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3038852     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3038853     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
```

```
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3038854     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C4038855     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C4038856     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE 107
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

```
                              * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C4038857     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C4038858     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C4038859     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C4038860     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
```

```
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C4038861     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE 108
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C4038862     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C4038863     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
```

```
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C4038864     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C4038865     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C4038866     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```



```
                              * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
```

```
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C4038867     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C4038868     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C4038869     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C4038870     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
```

```
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C4038871     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE 110
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C4038872     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C4038873     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
```

```
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C4038874     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C4038875     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C4038876     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```



```
                              * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *
```

```
    HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C4038877     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C4038878     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C4038879     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C4038880     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```

```
 SOURCE ID = C4038881     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C4038882     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C4038883     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .10000E+01
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
```

```
 23   .00000E+00     24   .00000E+00


SOURCE ID = C4038884     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C4038885     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .10000E+01
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .00000E+00     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

*** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                         ***        06/23/20
*** AERMET - VERSION  16216 ***   ***
                       ***        23:38:06

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*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                     *** GRIDDED RECEPTOR NETWORK SUMMARY ***

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

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

      471773.4,  471823.4,  471873.4,  471923.4,  471973.4,  472023.4,

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

     3774152.4, 3774202.4, 3774252.4, 3774302.4, 3774352.4, 3774402.4, 3774452.4,
3774502.4, 3774552.4, 3774602.4,
     3774652.4, 3774702.4, 3774752.4, 3774802.4, 3774852.4, 3774902.4, 3774952.4,
```

3775002.4, 3775052.4, 3775102.4,
3775152.4, 3775202.4, 3775252.4, 3775302.4, 3775352.4, 3775402.4, 3775452.4,
3775502.4, 3775552.4, 3775602.4,
3775652.4, 3775702.4, 3775752.4, 3775802.4, 3775852.4, 3775902.4, 3775952.4,
3776002.4, 3776052.4, 3776102.4,

*** AERMOD - VERSION 19191 *** *** Ono Construction PM10
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 23:38:06

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471773.42	471823.42	471873.42	471923.42	471973.42	472023.42
3776102.42	348.00	347.60	347.10	346.60	346.10	345.90
3776052.42	347.60	347.30	346.90	346.40	346.00	345.60
3776002.42	347.10	346.90	346.60	346.30	345.70	345.20
3775952.42	346.50	346.30	346.10	345.70	345.30	344.90
3775902.42	346.20	345.90	345.60	345.40	345.20	344.60
3775852.42	345.70	345.40	345.10	344.80	344.70	344.40
3775802.42	345.30	345.00	344.60	344.30	344.20	344.00
3775752.42	344.80	344.50	344.10	343.80	343.60	343.40
3775702.42	344.40	344.10	343.70	343.40	343.10	342.90
3775652.42	343.90	344.10	344.90	346.50	348.50	345.10
3775602.42	343.50	343.30	343.00	342.90	343.10	342.30
3775552.42	342.90	342.60	342.10	341.80	341.50	

3775502.42	342.40	342.10	341.80	341.50	341.10
3775452.42	341.80	341.50	341.20	340.90	340.50
3775402.42	341.40	341.20	340.90	340.60	340.20
3775352.42	340.80	340.60	340.20	339.90	339.60
3775302.42	340.30	340.00	339.70	339.50	339.10
3775252.42	339.70	339.30	339.00	338.80	338.50
3775202.42	339.30	338.80	338.60	338.30	338.00
3775152.42	338.80	338.40	338.10	337.80	337.40
3775102.42	338.40	338.00	337.60	337.50	337.00
3775052.42	337.90	337.40	337.20	337.50	338.00
3775002.42	337.60	337.10	336.90	337.20	338.50
3774952.42	337.20	336.80	336.50	336.00	335.60
3774902.42	336.90	336.40	336.10	335.50	335.20
3774852.42	336.60	336.10	335.70	335.10	334.70
3774802.42	336.20	335.70	335.30	334.70	334.30
3774752.42	335.90	335.40	335.10	334.50	334.10
3774702.42	335.50	335.10	334.90	334.30	333.90
3774652.42	335.10	334.70	334.40	334.00	333.70
3774602.42	334.60	334.10	333.90	333.50	333.20
3774552.42	334.30	333.80	333.60	333.10	332.90
3774502.42	333.80	333.30	332.90	332.50	332.30
3774452.42	333.50	332.90	332.50	331.90	331.80
3774402.42	332.80	332.40	331.90	331.50	331.20
3774352.42	332.30	331.90	331.60	331.10	330.70

```
   330.40
  3774302.42 |        331.70       331.30       331.00       330.60       330.20
   329.90
  3774252.42 |        331.40       330.80       331.50       332.00       330.90
   329.40
  3774202.42 |        330.70       330.70       332.80       336.00       334.40
   329.00
  3774152.42 |        330.70       330.40       330.20       330.70       330.20
   328.80
*** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE 115
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

                                                 * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471773.42    471823.42    471873.42    471923.42    471973.42
472023.42
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

  3776102.42 |        348.00       347.60       347.10       346.60       346.10
   345.90
  3776052.42 |        347.60       347.30       346.90       346.40       346.00
   345.60
  3776002.42 |        347.10       346.90       346.60       346.30       345.70
   345.20
  3775952.42 |        346.50       346.30       346.10       345.70       345.30
   344.90
  3775902.42 |        346.20       345.90       345.60       345.40       345.20
   344.60
  3775852.42 |        345.70       345.40       345.10       344.80       344.70
   344.40
  3775802.42 |        345.30       345.00       344.60       344.30       344.20
   344.00
  3775752.42 |        344.80       344.50       344.10       343.80       343.60
   343.40
  3775702.42 |        344.40       344.10       343.70       343.40       350.60
   350.60
  3775652.42 |        343.90       344.10       344.90       348.60       350.60
   350.60
```

3775602.42	343.50	343.30	343.00	350.60	350.60	350.60
3775552.42	342.90	342.60	342.10	341.80	350.60	341.20
3775502.42	342.40	342.10	341.80	341.50	341.10	340.90
3775452.42	341.80	341.50	341.20	340.90	340.50	340.30
3775402.42	341.40	341.20	340.90	340.60	340.20	339.70
3775352.42	340.80	340.60	340.20	339.90	339.60	339.10
3775302.42	340.30	340.00	339.70	339.50	339.10	338.60
3775252.42	339.70	339.30	339.00	338.80	338.50	338.10
3775202.42	339.30	338.80	338.60	338.30	338.00	337.70
3775152.42	338.80	338.40	338.10	337.80	337.40	337.20
3775102.42	338.40	338.00	337.60	337.50	337.00	336.80
3775052.42	337.90	337.40	337.20	337.50	342.30	342.30
3775002.42	337.60	337.10	336.90	337.20	342.30	342.30
3774952.42	337.20	336.80	336.50	336.00	335.60	335.40
3774902.42	336.90	336.40	336.10	335.50	335.20	334.80
3774852.42	336.60	336.10	335.70	335.10	334.70	334.30
3774802.42	336.20	335.70	335.30	334.70	334.30	334.00
3774752.42	335.90	335.40	335.10	334.50	334.10	333.60
3774702.42	335.50	335.10	334.90	334.30	333.90	333.30
3774652.42	335.10	334.70	334.40	334.00	333.70	333.10
3774602.42	334.60	334.10	333.90	333.50	333.20	332.60
3774552.42	334.30	333.80	333.60	333.10	332.90	332.30
3774502.42	333.80	333.30	332.90	332.50	332.30	331.80
3774452.42	333.50	332.90	332.50	331.90	331.80	331.40

```
  3774402.42 |        332.80       332.40       331.90       331.50       331.20
   330.90
  3774352.42 |        332.30       331.90       331.60       331.10       330.70
   330.40
  3774302.42 |        331.70       331.30       331.00       330.60       330.20
   329.90
  3774252.42 |        331.40       330.80       331.50       336.80       337.30
   336.80
  3774202.42 |        330.70       330.70       332.80       336.00       337.30
   337.30
  3774152.42 |        330.70       330.40       330.20       337.30       337.30
   337.30
```



```
                                       *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                  *** NETWORK ID: UCART2   ;  NETWORK TYPE:
GRIDCART ***

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

       471764.5,  471814.5,  471864.5,  471914.5,  471964.5,  472014.5,

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

      3776102.8, 3776152.8, 3776202.8, 3776252.8, 3776302.8,
```



```
                                  *** NETWORK ID: UCART2   ;  NETWORK TYPE:
GRIDCART ***

                                               * ELEVATION HEIGHTS IN METERS *

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

```
    (METERS) |     471764.54    471814.54    471864.54    471914.54    471964.54
472014.54
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3776302.75 |        349.90       349.30       348.70       347.90       347.30
   347.30
  3776252.75 |        349.40       348.80       348.20       347.60       347.00
   346.90
  3776202.75 |        349.00       348.40       347.90       347.50       346.70
   346.50
  3776152.75 |        348.50       347.90       347.50       347.00       346.40
   346.20
  3776102.75 |        348.10       347.70       347.20       346.70       346.10
   346.00
```

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

                                 *** NETWORK ID: UCART2   ;  NETWORK TYPE:
GRIDCART ***

                                                 * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471764.54    471814.54    471864.54    471914.54    471964.54
472014.54
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3776302.75 |        349.90       349.30       348.70       347.90       347.30
   347.30
  3776252.75 |        349.40       348.80       348.20       347.60       347.00
   346.90
  3776202.75 |        349.00       348.40       347.90       347.50       346.70
   346.50
  3776152.75 |        348.50       347.90       347.50       347.00       346.40
   346.20
  3776102.75 |        348.10       347.70       347.20       346.70       346.10
   346.00
```

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART3 ; NETWORK TYPE:
GRIDCART ***

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

471756.6, 471806.6, 471856.6, 471906.6, 471956.6, 472006.6,

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

3776304.7, 3776354.7, 3776404.7, 3776454.7, 3776504.7,
*** AERMOD - VERSION 19191 *** *** Ono Construction PM10
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 23:38:06

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART3 ; NETWORK TYPE:
GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471756.60	471806.60	471856.60	471906.60	471956.60	472006.60
3776504.71	351.30	350.60	350.10	349.40	347.80	344.40
3776454.71	351.10	350.60	350.50	350.50	349.40	343.80
3776404.71	350.80	350.20	350.20	351.40	349.60	345.10
3776354.71	350.30	349.70	349.00	348.30	347.80	347.00
3776304.71	350.00	349.40	348.80	348.00	347.40	347.20

*** AERMOD - VERSION 19191 *** *** Ono Construction PM10

*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471756.60	471806.60	471856.60	471906.60	471956.60	472006.60
3776504.71	351.30	350.60	350.10	349.40	349.50	353.50
3776454.71	351.10	350.60	350.50	350.50	349.40	352.00
3776404.71	350.80	350.20	350.20	352.50	352.00	352.00
3776354.71	350.30	349.70	349.00	348.30	347.80	347.00
3776304.71	350.00	349.40	348.80	348.00	347.40	347.20

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART ***

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

471664.5, 471714.5, 471764.5, 471814.5, 471864.5, 471914.5,

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

```
      3776503.9, 3776553.9, 3776603.9, 3776653.9,
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        23:38:06

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** NETWORK ID: UCART4   ;  NETWORK TYPE:
GRIDCART ***

                                             * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                             X-COORD (METERS)
    (METERS) |     471664.52    471714.52    471764.52    471814.52    471864.52
471914.52
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3776653.93 |        353.40       352.80       352.20       351.60       350.30
   349.30
  3776603.93 |        353.10       352.50       351.90       351.20       350.70
   348.30
  3776553.93 |        352.80       352.20       351.50       350.90       350.40
   349.90
  3776503.93 |        352.60       352.00       351.20       350.50       350.00
   349.30
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        23:38:06

                                  PAGE 124
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** NETWORK ID: UCART4   ;  NETWORK TYPE:
GRIDCART ***

                                             * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                             X-COORD (METERS)
    (METERS) |     471664.52    471714.52    471764.52    471814.52    471864.52
471914.52
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
```

```
  3776653.93 |        353.40       352.80       352.20       351.60       350.30
   349.30
  3776603.93 |        353.10       352.50       351.90       351.20       350.70
   348.30
  3776553.93 |        352.80       352.20       351.50       350.90       350.40
   349.90
  3776503.93 |        352.60       352.00       351.20       350.50       350.00
   349.30
*** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        23:38:06

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                       *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                  *** NETWORK ID: UCART5   ;  NETWORK TYPE:
GRIDCART ***

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

       471554.3,  471604.3,  471654.3,

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

      3776559.2, 3776609.2, 3776659.2, 3776709.2, 3776759.2,
*** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        23:38:06

                                  PAGE 126
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                  *** NETWORK ID: UCART5   ;  NETWORK TYPE:
GRIDCART ***

                                             * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     471554.26    471604.26    471654.26
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
```

```
  3776759.20 |        355.30       354.70       354.20
  3776709.20 |        355.00       354.50       353.90
  3776659.20 |        354.70       354.10       353.60
  3776609.20 |        354.30       353.80       353.30
  3776559.20 |        354.00       353.50       353.00
```


```
                                   *** NETWORK ID: UCART5   ;  NETWORK TYPE:
GRIDCART ***

                                            * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                             X-COORD (METERS)
    (METERS) |     471554.26    471604.26    471654.26
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3776759.20 |        355.30       354.70       354.20
  3776709.20 |        355.00       354.50       353.90
  3776659.20 |        354.70       354.10       353.60
  3776609.20 |        354.30       353.80       353.30
  3776559.20 |        354.00       353.50       353.00
```


```
                                        *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                   *** NETWORK ID: UCART6   ;  NETWORK TYPE:
GRIDCART ***

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

       471343.7,  471393.7,  471443.7,  471493.7,  471543.7,

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

3776572.8, 3776622.8, 3776672.8, 3776722.8, 3776772.8, 3776822.8, 3776872.8, 3776922.8,

*** AERMOD - VERSION 19191 *** *** Ono Construction PM10
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 23:38:06

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471343.73	471393.73	471443.73	471493.73	471543.73
3776922.78	358.80	358.10	357.30	357.00	356.40
3776872.78	358.30	357.70	356.90	358.10	358.40
3776822.78	358.00	357.40	356.70	357.50	357.40
3776772.78	357.70	357.10	356.50	356.10	356.00
3776722.78	357.50	356.90	356.30	355.70	355.20
3776672.78	357.50	356.70	356.10	355.50	354.90
3776622.78	356.90	356.40	355.90	355.10	354.50
3776572.78	356.50	355.90	355.50	354.80	354.20

*** AERMOD - VERSION 19191 *** *** Ono Construction PM10
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 23:38:06

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471343.73	471393.73	471443.73	471493.73	471543.73
3776922.78	358.80	358.10	357.30	357.00	356.40

```
  3776872.78 |        358.30       357.70       356.90       359.50       360.40
  3776822.78 |        358.00       357.40       356.70       360.10       360.50
  3776772.78 |        357.70       357.10       356.50       356.10       356.00
  3776722.78 |        357.50       356.90       356.30       355.70       355.20
  3776672.78 |        357.50       356.70       356.10       355.50       354.90
  3776622.78 |        356.90       356.40       355.90       355.10       354.50
  3776572.78 |        356.50       355.90       355.50       354.80       354.20
```


*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART7   ; NETWORK TYPE: GRIDCART ***

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

471137.3, 471187.3, 471237.3, 471287.3, 471337.3,

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

3776755.9, 3776805.9, 3776855.9, 3776905.9, 3776955.9, 3777005.9,

*** NETWORK ID: UCART7   ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

```
    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     471137.27    471187.27    471237.27    471287.27    471337.27
 - - -
```

```
  3776955.91 |        361.50       360.90       360.20       359.70       358.90
  3776905.91 |        361.30       360.60       359.80       359.30       358.70
  3776855.91 |        361.00       360.30       359.60       359.00       358.30
  3776805.91 |        360.70       360.10       359.30       358.70       358.00
  3776755.91 |        360.50       359.70       359.10       358.50       357.80
```



```
                                   *** NETWORK ID: UCART7   ;  NETWORK TYPE:
GRIDCART ***

                                            * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     471137.27    471187.27    471237.27    471287.27    471337.27
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3777005.91 |        361.50       360.80       360.10       359.60       358.90
  3776955.91 |        361.50       360.90       360.20       359.70       358.90
  3776905.91 |        361.30       360.60       359.80       359.30       358.70
  3776855.91 |        361.00       360.30       359.60       359.00       358.30
  3776805.91 |        360.70       360.10       359.30       358.70       358.00
  3776755.91 |        360.50       359.70       359.10       358.50       357.80
```



```
                                        *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                   *** NETWORK ID: UCART8   ;  NETWORK TYPE:
GRIDCART ***

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

       471025.8,  471075.8,  471125.8,  471175.8,  471225.8,  471275.8,

                                          *** Y-COORDINATES OF GRID ***
```

(METERS)

3777013.8, 3777063.8, 3777113.8,

*** AERMOD - VERSION 19191 *** *** Ono Construction PM10
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 23:38:06

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART8 ; NETWORK TYPE:
GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471025.84	471075.84	471125.84	471175.84	471225.84	471275.84
3777113.78	363.20	362.60	361.70	361.20	360.70	360.40
3777063.78	363.10	362.50	361.80	361.20	360.40	359.90
3777013.78	363.00	362.40	361.70	361.00	360.30	359.70

*** AERMOD - VERSION 19191 *** *** Ono Construction PM10
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 23:38:06

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART8 ; NETWORK TYPE:
GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471025.84	471075.84	471125.84	471175.84	471225.84	471275.84
3777113.78	363.20	362.60	361.70	361.20	360.70	

```
   360.40
  3777063.78 |        363.10       362.50       361.80       361.20       360.40
   359.90
  3777013.78 |        363.00       362.40       361.70       361.00       360.30
   359.70
*** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                        ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        23:38:06

                                  PAGE 137
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                       *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                  *** NETWORK ID: UCART9   ;  NETWORK TYPE:
GRIDCART ***

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

       471071.4,  471121.4,  471171.4,  471221.4,

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

      3777120.7, 3777170.7, 3777220.7,
*** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                        ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        23:38:06

                                  PAGE 138
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                  *** NETWORK ID: UCART9   ;  NETWORK TYPE:
GRIDCART ***

                                             * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     471071.36    471121.36    471171.36    471221.36
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3777220.72 |        363.50       363.10       362.70       362.10
  3777170.72 |        363.00       362.60       361.80       361.50
  3777120.72 |        362.70       361.80       361.30       360.70
```

*** NETWORK ID: UCART9 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471071.36	471121.36	471171.36	471221.36
3777220.72	363.50	363.10	362.70	362.10
3777170.72	363.00	362.60	361.80	361.50
3777120.72	362.70	361.80	361.30	360.70

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART10 ; NETWORK TYPE: GRIDCART ***

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

470606.5, 470656.5, 470706.5, 470756.5, 470806.5, 470856.5, 470906.5, 470956.5, 471006.5, 471056.5,

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

3777052.6, 3777102.6, 3777152.6, 3777202.6, 3777252.6,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

```
    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     470606.55    470656.55    470706.55    470756.55    470806.55
470856.55    470906.55    470956.55    471006.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

  3777252.65 |        369.40       368.60       367.70       367.30       367.00
   367.20       367.30       368.10       366.50
  3777202.65 |        369.10       368.10       367.40       366.80       366.10
   365.80       365.10       364.50       363.90
  3777152.65 |        368.40       367.50       366.90       366.30       365.80
   365.40       364.70       364.10       363.60
  3777102.65 |        368.30       367.30       366.90       366.30       365.60
   365.10       364.60       364.10       363.40
  3777052.65 |        367.90       367.10       366.80       366.20       365.50
   365.00       364.50       363.90       363.20
```


*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

```
    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471056.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

  3777252.65 |        364.40
  3777202.65 |        363.40
  3777152.65 |        363.10
  3777102.65 |        362.90
```

```
  3777052.65 |        362.80
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE 143
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                 *** NETWORK ID: UCART10  ;  NETWORK TYPE:
GRIDCART ***

                                              * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     470606.55    470656.55    470706.55    470756.55    470806.55
470856.55    470906.55    470956.55    471006.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

  3777252.65 |        369.40       368.60       367.70       367.30       367.00
   367.20       370.30       371.80       371.60
  3777202.65 |        369.10       368.10       367.40       366.80       366.10
   365.80       365.10       364.50       363.90
  3777152.65 |        368.40       367.50       366.90       366.30       365.80
   365.40       364.70       364.10       363.60
  3777102.65 |        368.30       367.30       366.90       366.30       365.60
   365.10       364.60       364.10       363.40
  3777052.65 |        367.90       367.10       366.80       366.20       365.50
   365.00       364.50       363.90       363.20
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE 144
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                 *** NETWORK ID: UCART10  ;  NETWORK TYPE:
GRIDCART ***

                                              * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     471056.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
```

```
  3777252.65 |        364.40
  3777202.65 |        363.40
  3777152.65 |        363.10
  3777102.65 |        362.90
  3777052.65 |        362.80
*** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                        ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        23:38:06

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                       *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                  *** NETWORK ID: UCART11  ;  NETWORK TYPE:
GRIDCART ***

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

       470270.0,  470320.0,  470370.0,  470420.0,

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

      3777304.4, 3777354.4, 3777404.4, 3777454.4, 3777504.4, 3777554.4,
*** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                        ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        23:38:06

                                  PAGE 146
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                  *** NETWORK ID: UCART11  ;  NETWORK TYPE:
GRIDCART ***

                                             * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     470269.99    470319.99    470369.99    470419.99
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3777554.36 |        376.20       375.30       374.70       374.10
  3777504.36 |        375.80       375.10       374.30       373.60
  3777454.36 |        375.30       374.70       373.80       373.10
```

```
  3777404.36 |        374.80       374.00       373.30       372.50
  3777354.36 |        374.10       373.50       372.80       372.00
  3777304.36 |        373.60       373.00       372.30       371.70
```


*** NETWORK ID: UCART11 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

```
    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     470269.99    470319.99    470369.99    470419.99
 - - -
```

3779313.0, 3779363.0, 3779413.0, 3779463.0, 3779513.0, 3779563.0, 3779613.0, 3779663.0,

*** AERMOD - VERSION 19191 *** *** Ono Construction PM10
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 23:38:06

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART12 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 468710.70	468760.70	468810.70	468860.70	468910.70	468960.70	469010.70	469060.70
3779663.00	427.00	426.70	426.70	426.50	426.20	425.90	425.70	425.70
3779613.00	425.80	425.60	425.70	425.60	425.20	424.70	424.50	424.60
3779563.00	424.80	424.50	424.70	424.20	423.80	423.50	423.20	423.50
3779513.00	423.80	423.50	423.20	423.10	422.90	422.40	422.20	422.40
3779463.00	423.10	422.50	422.00	422.00	422.00	421.50	421.10	421.10
3779413.00	422.50	421.80	421.20	420.90	421.10	420.70	419.60	419.60
3779363.00	421.60	421.00	420.50	419.90	419.90	419.60	418.70	418.50
3779313.00	420.60	420.30	419.80	419.10	418.80	418.50	417.90	417.40

*** AERMOD - VERSION 19191 *** *** Ono Construction PM10
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 23:38:06

PAGE 150
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART12 ; NETWORK TYPE: GRIDCART ***

```
                                                  * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                                  X-COORD (METERS)
    (METERS) |     468710.70    468760.70    468810.70    468860.70    468910.70
468960.70    469010.70    469060.70
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

  3779663.00 |        558.10       570.40       570.90       570.90       570.90
   570.90       570.90       570.90
  3779613.00 |        558.10       558.10       570.90       570.90       570.90
   570.90       570.90       570.90
  3779563.00 |        558.10       558.10       570.90       570.90       570.90
   570.90       570.90       570.90
  3779513.00 |        558.10       558.10       570.40       570.90       570.90
   570.90       570.90       570.90
  3779463.00 |        423.10       558.10       558.10       570.90       570.90
   570.90       570.90       570.90
  3779413.00 |        422.50       557.30       558.10       570.40       570.90
   570.90       570.90       570.90
  3779363.00 |        421.60       421.00       558.10       558.10       570.90
   570.90       570.90       570.90
  3779313.00 |        420.60       420.30       419.80       558.10       558.10
   570.90       570.90       570.90
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        23:38:06

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                        *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                    *** NETWORK ID: UCART13  ;  NETWORK TYPE:
GRIDCART ***

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

       471075.9,  471125.9,  471175.9,  471225.9,  471275.9,  471325.9,  471375.9,
471425.9,  471475.9,  471525.9,


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

3777361.5, 3777411.5, 3777461.5, 3777511.5, 3777561.5, 3777611.5, 3777661.5, 3777711.5, 3777761.5, 3777811.5,
3777861.5, 3777911.5,
*** AERMOD - VERSION 19191 *** *** Ono Construction PM10
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 23:38:06

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART13 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471075.86	471125.86	471175.86	471225.86	471275.86	471325.86	471375.86	471425.86	471475.86
3777911.53	373.10	372.90	372.10	371.10	370.20	369.40	368.60	367.90	367.20
3777861.53	372.30	372.20	371.70	371.00	370.10	369.10	368.10	367.50	366.70
3777811.53	371.60	371.50	371.20	370.70	370.00	368.90	367.80	366.90	366.30
3777761.53	370.80	370.80	370.50	370.10	369.40	368.60	367.40	366.50	365.90
3777711.53	369.90	369.60	369.30	369.00	368.60	368.00	366.90	366.20	365.40
3777661.53	369.20	368.90	368.40	368.10	367.80	367.30	366.40	365.50	364.90
3777611.53	368.50	368.20	367.70	367.20	366.90	366.50	365.80	364.90	364.30
3777561.53	367.70	367.40	367.00	366.60	366.10	365.70	365.00	364.30	363.60
3777511.53	366.90	366.50	366.10	365.70	365.20	364.80	364.00	363.70	363.30
3777461.53	366.30	365.80	365.40	365.00	364.50	364.00	363.30	362.90	362.90
3777411.53	365.80	365.20	364.70	364.20	363.70	363.20	362.60	362.00	361.80
3777361.53	364.70	364.40	363.80	364.20	363.30	362.50	362.00	361.30	360.90

*** NETWORK ID: UCART13 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471525.86
3777911.53	366.90
3777861.53	366.60
3777811.53	366.10
3777761.53	365.50
3777711.53	364.90
3777661.53	364.40
3777611.53	363.80
3777561.53	363.10
3777511.53	362.70
3777461.53	362.20
3777411.53	361.50
3777361.53	360.70

*** NETWORK ID: UCART13 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471075.86	471125.86	471175.86	471225.86	471275.86	471325.86	471375.86	471425.86	471475.86
3777911.53	575.10	575.10	575.10	575.10	575.10				

```
   575.10       575.10       575.10       575.10
  3777861.53 |        575.10       575.10       575.10       575.10       575.10
   575.10       575.10       575.10       575.10
  3777811.53 |        532.20       532.20       532.20       532.20       532.20
   532.40       532.40       532.40       532.40
  3777761.53 |        370.80       370.80       370.50       522.10       522.10
   530.00       530.00       532.20       530.00
  3777711.53 |        369.90       369.60       369.30       369.00       368.60
   368.00       522.10       522.10       522.10
  3777661.53 |        369.20       368.90       368.40       368.10       367.80
   367.30       366.40       365.50       364.90
  3777611.53 |        368.50       368.20       367.70       367.20       366.90
   366.50       365.80       364.90       364.30
  3777561.53 |        367.70       367.40       367.00       366.60       366.10
   365.70       365.00       364.30       363.60
  3777511.53 |        366.90       366.50       366.10       365.70       365.20
   364.80       364.00       363.70       363.30
  3777461.53 |        366.30       365.80       365.40       365.00       364.50
   364.00       363.30       362.90       362.90
  3777411.53 |        365.80       365.20       364.70       364.20       363.70
   363.20       362.60       362.00       361.80
  3777361.53 |        364.70       364.40       363.80       364.20       363.30
   362.50       362.00       361.30       360.90
*** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE 155
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                  *** NETWORK ID: UCART13  ;  NETWORK TYPE:
GRIDCART ***

                                              * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     471525.86
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3777911.53 |        575.10
  3777861.53 |        575.10
  3777811.53 |        532.40
  3777761.53 |        530.00
  3777711.53 |        522.10
  3777661.53 |        364.40
  3777611.53 |        363.80
```

```
  3777561.53 |        363.10
  3777511.53 |        362.70
  3777461.53 |        362.20
  3777411.53 |        361.50
  3777361.53 |        360.70
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE 156
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                        *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                   *** NETWORK ID: UCART14  ;  NETWORK TYPE:
GRIDCART ***

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

       472114.7,  472164.7,  472214.7,  472264.7,  472314.7,  472364.7,  472414.7,
472464.7,  472514.7,  472564.7,


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

      3776424.5, 3776474.5, 3776524.5, 3776574.5, 3776624.5, 3776674.5, 3776724.5,
3776774.5, 3776824.5, 3776874.5,
      3776924.5, 3776974.5, 3777024.5, 3777074.5, 3777124.5,
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE 157
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                   *** NETWORK ID: UCART14  ;  NETWORK TYPE:
GRIDCART ***

                                              * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     472114.69    472164.69    472214.69    472264.69    472314.69
472364.69    472414.69    472464.69    472514.69
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

- -

```
  3777124.55 |        357.00       354.30       354.10       353.80       353.90
   354.00       354.30       354.40       354.60
  3777074.55 |        356.10       354.00       353.50       353.20       353.30
   353.40       353.70       353.90       354.20
  3777024.55 |        355.30       353.50       353.10       352.80       352.80
   352.90       353.20       353.30       353.50
  3776974.55 |        354.00       352.70       352.50       352.20       352.20
   352.40       352.50       352.40       351.80
  3776924.55 |        352.80       351.90       351.90       351.70       351.80
   351.90       352.00       351.70       351.20
  3776874.55 |        351.80       350.80       350.90       350.90       351.10
   351.10       351.30       351.10       350.90
  3776824.55 |        351.20       350.20       350.20       350.20       350.50
   350.60       350.80       350.60       350.20
  3776774.55 |        350.70       349.60       349.50       349.60       349.90
   350.10       350.20       350.10       349.70
  3776724.55 |        350.40       349.40       349.10       349.10       349.50
   349.60       349.60       349.50       349.50
  3776674.55 |        350.00       349.10       348.80       348.60       348.90
   348.90       348.90       348.80       349.10
  3776624.55 |        349.60       348.70       348.40       348.20       348.50
   348.30       348.30       348.20       348.60
  3776574.55 |        349.00       348.00       347.90       347.70       347.80
   347.70       347.70       347.60       348.20
  3776524.55 |        348.50       347.50       347.30       347.20       347.20
   347.10       347.00       346.80       346.80
  3776474.55 |        348.40       347.40       347.10       346.70       346.60
   346.50       346.40       346.20       346.30
  3776424.55 |        347.80       348.30       346.90       346.30       346.20
   346.00       345.90       345.60       345.70
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                         ***        23:38:06

                                    PAGE 158
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                  *** NETWORK ID: UCART14  ;  NETWORK TYPE:
GRIDCART ***

                                                 * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     472564.69
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

- -

3777124.55	354.90
3777074.55	354.30
3777024.55	353.60
3776974.55	351.90
3776924.55	351.30
3776874.55	351.00
3776824.55	350.30
3776774.55	349.70
3776724.55	349.50
3776674.55	349.10
3776624.55	348.60
3776574.55	348.30
3776524.55	347.00
3776474.55	346.30
3776424.55	345.80

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART14 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 472114.69	472164.69	472214.69	472264.69	472314.69	472364.69	472414.69	472464.69	472514.69
3777124.55	357.00	354.30	354.10	353.80	353.90	354.00	354.30	354.40	354.60
3777074.55	356.10	354.00	353.50	353.20	353.30	353.40	353.70	353.90	354.20
3777024.55	355.30	353.50	353.10	352.80	352.80	352.90	353.20	353.30	353.50
3776974.55	354.00	352.70	352.50	352.20	352.20	352.40	352.50	352.40	351.80
3776924.55	352.80	351.90	351.90	351.70	351.80	351.90	352.00	351.70	351.20
3776874.55	354.00	350.80	350.90	350.90	351.10	351.10	351.30	351.10	350.90

```
  3776824.55 |        351.20       350.20       350.20       350.20       350.50
   350.60       350.80       350.60       350.20
  3776774.55 |        353.00       349.60       349.50       349.60       349.90
   350.10       350.20       350.10       349.70
  3776724.55 |        350.40       349.40       349.10       349.10       349.50
   349.60       349.60       349.50       349.50
  3776674.55 |        350.00       349.10       348.80       348.60       348.90
   348.90       348.90       348.80       349.10
  3776624.55 |        349.60       348.70       348.40       348.20       348.50
   348.30       348.30       348.20       348.60
  3776574.55 |        349.00       348.00       347.90       347.70       347.80
   347.70       347.70       347.60       348.20
  3776524.55 |        348.50       347.50       347.30       347.20       347.20
   347.10       347.00       346.80       346.80
  3776474.55 |        348.40       347.40       347.10       346.70       346.60
   346.50       346.40       346.20       346.30
  3776424.55 |        347.80       348.30       346.90       346.30       346.20
   346.00       345.90       345.60       345.70
```



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                                   *** NETWORK ID: UCART14  ;  NETWORK TYPE:
GRIDCART ***

                                                 * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     472564.69
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3777124.55 |        354.90
  3777074.55 |        354.30
  3777024.55 |        353.60
  3776974.55 |        351.90
  3776924.55 |        351.30
  3776874.55 |        351.00
  3776824.55 |        350.30
  3776774.55 |        349.70
  3776724.55 |        349.50
  3776674.55 |        349.10
  3776624.55 |        348.60
  3776574.55 |        348.30
```

```
  3776524.55 |        347.00
  3776474.55 |        346.30
  3776424.55 |        345.80
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        23:38:06

                                  PAGE 161
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                       *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                  *** NETWORK ID: UCART15  ;  NETWORK TYPE:
GRIDCART ***

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

       472138.2,  472188.2,  472238.2,  472288.2,  472338.2,

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

      3774264.7, 3774314.7, 3774364.7, 3774414.7, 3774464.7, 3774514.7, 3774564.7,
3774614.7, 3774664.7, 3774714.7,
      3774764.7, 3774814.7, 3774864.7, 3774914.7, 3774964.7, 3775014.7, 3775064.7,
3775114.7, 3775164.7, 3775214.7,
      3775264.7, 3775314.7, 3775364.7, 3775414.7, 3775464.7, 3775514.7, 3775564.7,
3775614.7, 3775664.7, 3775714.7,

↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        23:38:06

                                  PAGE 162
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                  *** NETWORK ID: UCART15  ;  NETWORK TYPE:
GRIDCART ***

                                            * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     472138.17    472188.17    472238.17    472288.17    472338.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
```

3775714.69	340.60	342.10	341.50	341.20	340.50
3775664.69	342.20	344.00	341.50	340.80	340.10
3775614.69	342.00	342.70	340.80	340.30	339.80
3775564.69	341.10	340.80	339.80	339.80	339.50
3775514.69	340.20	339.90	339.20	339.20	339.00
3775464.69	339.30	339.20	338.70	338.80	338.60
3775414.69	338.60	338.50	338.20	338.20	338.00
3775364.69	338.00	338.00	337.70	337.70	337.60
3775314.69	337.60	337.50	337.20	337.10	337.00
3775264.69	337.20	337.00	336.60	336.50	336.50
3775214.69	336.80	336.80	336.30	336.00	335.90
3775164.69	336.30	336.30	335.70	335.50	335.20
3775114.69	335.70	335.60	335.10	335.00	334.60
3775064.69	335.50	335.40	334.50	334.20	333.90
3775014.69	336.20	335.40	334.10	333.80	333.30
3774964.69	334.10	333.90	333.50	333.30	332.70
3774914.69	333.40	333.60	333.10	332.70	332.30
3774864.69	333.10	333.20	332.60	332.20	331.70
3774814.69	332.80	332.70	332.10	331.60	331.20
3774764.69	332.60	332.50	331.90	331.40	331.20
3774714.69	332.20	332.00	331.50	331.20	330.80
3774664.69	331.90	331.70	331.10	330.80	330.50
3774614.69	331.50	331.20	330.70	330.40	330.00
3774564.69	331.20	330.90	330.40	330.20	329.80
3774514.69	330.70	330.60	330.00	329.80	329.30
3774464.69	329.80	330.40	329.70	329.50	328.90
3774414.69	329.80	330.10	329.40	329.00	328.50
3774364.69	330.10	329.60	328.90	328.60	328.20
3774314.69	331.10	328.80	328.30	327.90	327.40
3774264.69	332.70	329.30	327.90	327.50	327.00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART15 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 472138.17	472188.17	472238.17	472288.17	472338.17

3775714.69	340.60	342.10	341.50	341.20	340.50
3775664.69	345.50	344.00	341.50	340.80	340.10
3775614.69	342.00	346.00	340.80	340.30	339.80
3775564.69	341.10	343.40	339.80	339.80	339.50
3775514.69	340.20	339.90	339.20	339.20	339.00
3775464.69	339.30	339.20	338.70	338.80	338.60
3775414.69	338.60	338.50	338.20	338.20	338.00
3775364.69	338.00	338.00	337.70	337.70	337.60
3775314.69	337.60	337.50	337.20	337.10	337.00
3775264.69	337.20	337.00	336.60	336.50	336.50
3775214.69	336.80	336.80	336.30	336.00	335.90
3775164.69	336.30	336.30	335.70	335.50	335.20
3775114.69	335.70	335.60	335.10	335.00	334.60
3775064.69	335.50	335.40	334.50	334.20	333.90
3775014.69	336.20	335.40	334.10	333.80	333.30
3774964.69	334.10	333.90	333.50	333.30	332.70
3774914.69	333.40	333.60	333.10	332.70	332.30
3774864.69	333.10	333.20	332.60	332.20	331.70
3774814.69	332.80	332.70	332.10	331.60	331.20
3774764.69	332.60	332.50	331.90	331.40	331.20
3774714.69	332.20	332.00	331.50	331.20	330.80
3774664.69	331.90	331.70	331.10	330.80	330.50
3774614.69	331.50	331.20	330.70	330.40	330.00
3774564.69	331.20	330.90	330.40	330.20	329.80
3774514.69	330.70	330.60	330.00	329.80	329.30
3774464.69	329.80	330.40	329.70	329.50	328.90
3774414.69	329.80	330.10	329.40	329.00	328.50
3774364.69	330.10	329.60	328.90	328.60	328.20
3774314.69	331.10	328.80	328.30	327.90	327.40
3774264.69	332.70	331.90	327.90	327.50	327.00

*** AERMOD - VERSION 19191 *** *** Ono Construction PM10 ***
06/23/20
*** AERMET - VERSION 16216 *** ***
*** 23:38:06

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART16 ; NETWORK TYPE: GRIDCART ***

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

472255.2, 472305.2, 472355.2, 472405.2, 472455.2,

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

3775886.9, 3775936.9, 3775986.9, 3776036.9, 3776086.9, 3776136.9, 3776186.9, 3776236.9,

*** NETWORK ID: UCART16 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 472255.22	472305.22	472355.22	472405.22	472455.22
3776236.95	344.90	344.70	344.30	344.10	343.90
3776186.95	344.60	344.50	343.90	343.90	343.50
3776136.95	344.20	344.20	343.50	343.40	343.00
3776086.95	343.90	343.70	343.10	342.80	342.40
3776036.95	343.60	343.20	342.70	342.30	341.90
3775986.95	343.30	342.90	342.50	342.00	341.40
3775936.95	343.10	342.50	342.20	341.70	341.00
3775886.95	342.60	342.20	341.70	341.30	340.50

*** NETWORK ID: UCART16 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 472255.22	472305.22	472355.22	472405.22	472455.22

- -

3776236.95	344.90	344.70	344.30	344.10	343.90
3776186.95	344.60	344.50	343.90	343.90	343.50
3776136.95	344.20	344.20	343.50	343.40	343.00
3776086.95	343.90	343.70	343.10	342.80	342.40
3776036.95	343.60	343.20	342.70	342.30	341.90
3775986.95	343.30	342.90	342.50	342.00	341.40
3775936.95	343.10	342.50	342.20	341.70	341.00
3775886.95	342.60	342.20	341.70	341.30	340.50

*** AERMOD - VERSION 19191 *** *** Ono Construction PM10
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 23:38:06

PAGE 167
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* 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)
C3038439	472023.4	3774452.4	-2.86
C3038440	472023.4	3774452.4	-2.61
C3038452	472023.4	3774552.4	0.92
C3038457	472023.4	3774602.4	-1.65
C3038462	472023.4	3774652.4	-3.04
C3038467	472023.4	3774702.4	-1.25
C3038476	472023.4	3774752.4	-2.88
C3038481	472023.4	3774802.4	-4.12
C3038482	472023.4	3774802.4	

0.04	C3038486	472023.4	3774852.4
-2.03	C3038487	472023.4	3774852.4
-0.68	C3038492	472023.4	3774902.4
-1.73	C3038493	472023.4	3774902.4
-2.62	C3038498	472023.4	3774952.4
-1.48	C3038503	472023.4	3775002.4
-0.13	C3038535	472023.4	3775302.4
-5.35	C3038536	472023.4	3775302.4
-4.12	C3038540	472023.4	3775352.4
-3.58	C3038541	472023.4	3775352.4
-5.14	C3038545	472023.4	3775402.4
-1.76	C3038546	472023.4	3775402.4
-5.50	C3038547	472023.4	3775402.4
-1.48	C3038554	472023.4	3775452.4
0.76	C3038555	472023.4	3775452.4
-2.34	C3038559	472023.4	3775502.4
-3.34	C3038560	472023.4	3775502.4
-5.17	C3038564	472023.4	3775552.4
-2.04	C3038565	472023.4	3775552.4
-6.58	C3038569	472023.4	3775602.4
-0.77	C3038570	472023.4	3775602.4
-8.91	C3038571	472023.4	3775602.4
0.78	C3038618	472023.4	3776052.4
-8.59	C3038619	472023.4	3776052.4

```
-0.97
                              C3038623            472023.4     3776102.4
-6.65
                              C3038624            472023.4     3776102.4
-2.26
                              C3038666            471956.6     3776504.7
-0.92
                              C3038667            471956.6     3776504.7
-5.67
                              C3038687            471864.5     3776653.9
-4.07
                              C3038688            471864.5     3776653.9
-4.55
                              C3038730            471543.7     3776922.8
-2.47
```



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


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

                              C3038731            471543.7     3776922.8
-6.82
                              C3038772            471221.4     3777170.7
-0.63
                              C3038773            471221.4     3777170.7
-2.41
                              C3038779            471171.4     3777220.7
-0.74
                              C3038780            471171.4     3777220.7
-7.25
```

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***

(1=YES; 0=NO)

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

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,

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

```
   Surface file:   FONT_V9_ADJU\FONT_v9.SFC
                  Met Version:  16216
   Profile file:   FONT_V9_ADJU\FONT_v9.PFL

   Surface format: FREE

   Profile format: FREE

   Surface station no.:     3102                  Upper air station no.:     3190
                  Name: UNKNOWN                                     Name: UNKNOWN

                  Year:   2011                                      Year:   2011

 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
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -
 11 01 01   1 01  -18.5  0.194 -9.000 -9.000 -999.  204.     41.2  0.25   2.82
1.00    1.80   69.    9.1  276.4    5.5
 11 01 01   1 02  -23.8  0.239 -9.000 -9.000 -999.  281.     63.0  0.25   2.82
1.00    2.20   52.    9.1  275.4    5.5
 11 01 01   1 03  -18.5  0.194 -9.000 -9.000 -999.  205.     41.2  0.25   2.82
1.00    1.80   32.    9.1  275.4    5.5
 11 01 01   1 04   -1.4  0.067 -9.000 -9.000 -999.   57.     18.3  0.25   2.82
1.00    0.40   27.    9.1  274.2    5.5
 11 01 01   1 05  -18.6  0.194 -9.000 -9.000 -999.  204.     41.2  0.25   2.82
1.00    1.80   51.    9.1  274.2    5.5
 11 01 01   1 06  -29.7  0.296 -9.000 -9.000 -999.  387.     96.6  0.25   2.82
1.00    2.70   53.    9.1  274.2    5.5
 11 01 01   1 07  -24.0  0.239 -9.000 -9.000 -999.  282.     63.0  0.25   2.82
1.00    2.20   70.    9.1  274.2    5.5
 11 01 01   1 08   -8.4  0.138 -9.000 -9.000 -999.  127.     27.3  0.25   2.82
0.54    1.30   72.    9.1  275.4    5.5
 11 01 01   1 09   44.3  0.280  0.571  0.005  147.  356.    -43.5  0.25   2.82
0.32    2.20   67.    9.1  277.5    5.5
 11 01 01   1 10  122.7  0.264  0.952  0.005  247.  326.    -13.2  0.25   2.82
0.25    1.80   83.    9.1  279.9    5.5
 11 01 01   1 11  179.8  0.316  1.733  0.005 1017.  426.    -15.4  0.25   2.82
0.22    2.20   58.    9.1  282.0    5.5
 11 01 01   1 12  206.0  0.320  1.940  0.008 1244.  435.    -14.0  0.25   2.82
0.21    2.20  115.    9.1  283.1    5.5
 11 01 01   1 13  132.6  0.214  1.733  0.009 1377.  243.     -6.5  0.25   2.82
0.21    1.30  147.    9.1  284.2    5.5
 11 01 01   1 14  147.0  0.216  1.818  0.009 1431.  242.     -6.0  0.25   2.82
0.23    1.30  219.    9.1  284.9    5.5
 11 01 01   1 15  104.0  0.208  1.633  0.009 1468.  228.     -7.6  0.25   2.82
0.26    1.30  126.    9.1  285.4    5.5
```

```
 11 01 01   1 16   26.4  0.140  1.037  0.009 1477.  127.     -9.1  0.25   2.82
0.35    0.90  151.    9.1  284.9    5.5
 11 01 01   1 17   -9.0  0.137 -9.000 -9.000 -999.  121.     24.9  0.25   2.82
0.63    1.30   69.    9.1  283.1    5.5
 11 01 01   1 18  -33.4  0.342 -9.000 -9.000 -999.  481.    129.0  0.25   2.82
1.00    3.10   81.    9.1  281.4    5.5
 11 01 01   1 19  -33.6  0.342 -9.000 -9.000 -999.  481.    128.9  0.25   2.82
1.00    3.10   51.    9.1  279.9    5.5
 11 01 01   1 20  -23.6  0.239 -9.000 -9.000 -999.  287.     63.1  0.25   2.82
1.00    2.20   77.    9.1  278.8    5.5
 11 01 01   1 21  -18.5  0.194 -9.000 -9.000 -999.  205.     41.2  0.25   2.82
1.00    1.80   53.    9.1  277.5    5.5
 11 01 01   1 22  -23.7  0.239 -9.000 -9.000 -999.  281.     63.0  0.25   2.82
1.00    2.20   58.    9.1  277.5    5.5
 11 01 01   1 23  -18.5  0.194 -9.000 -9.000 -999.  205.     41.2  0.25   2.82
1.00    1.80   64.    9.1  277.5    5.5
 11 01 01   1 24   -4.5  0.094 -9.000 -9.000 -999.   74.     16.3  0.25   2.82
1.00    0.90   52.    9.1  277.0    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 11 01 01 01    5.5 0 -999.  -99.00   276.5   99.0  -99.00  -99.00
 11 01 01 01    9.1 1   69.    1.80  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        23:38:06

                                   PAGE 171
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
                 C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
                 C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                 C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

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

BNSF Ono_Con_PM10.ADO
** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 471773.42	471823.42	471873.42	471923.42	471973.42	472023.42
3776102.42	1.04248	1.26092	1.62391	2.33177	4.33477	9.92839
3776052.42	1.02452	1.24348	1.59942	2.29537	4.25746	10.30034
3776002.42	1.01489	1.22712	1.56918	2.20521	3.76604	10.06894
3775952.42	1.00919	1.21777	1.54296	2.12702	3.42750	8.90925
3775902.42	0.99979	1.20554	1.52254	2.07329	3.31990	8.88226
3775852.42	0.99660	1.19853	1.51258	2.05963	3.30411	8.84476
3775802.42	0.99364	1.19852	1.51154	2.05623	3.29202	8.65123
3775752.42	0.99796	1.20304	1.52000	2.06932	3.30220	8.49571
3775702.42	1.00179	1.21360	1.54197	2.11472	3.38087	8.50078
3775652.42	1.01044	1.22365	1.54098	2.01955	3.09119	8.61299
3775602.42	1.02203	1.25512	1.62979	2.33810	4.29187	8.47377
3775552.42	1.03576	1.28389	1.69729	2.49880	4.78820	10.15965
3775502.42	1.04773	1.31103	1.75425	2.64497	5.11115	10.27924
3775452.42	1.05919	1.33476	1.81226	2.84741	6.59068	11.23110
3775402.42	1.06420	1.33940	1.81486	2.87188	7.02079	9.58380
3775352.42	1.06152	1.32776	1.77941	2.67448	4.92493	10.18133
3775302.42	1.04989	1.30692	1.72650	2.50179	4.56051	10.12552
3775252.42	1.04310	1.28898	1.67360	2.37517	4.14536	12.97706
3775202.42	1.02992	1.27023	1.63382	2.27173	3.72576	10.04734
3775152.42	1.02357	1.25569	1.60411	2.22142	3.67433	

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10.90071
 3775102.42 |       1.01865      1.24435      1.59285      2.21467      3.75766
12.10287
 3775052.42 |       1.01395      1.24598      1.59866      2.22485      3.77331
13.12929
 3775002.42 |       1.00972      1.24725      1.60887      2.26381      3.80481
11.05316
 3774952.42 |       1.01467      1.25251      1.63211      2.34468      4.13667
11.63867
 3774902.42 |       1.01261      1.26148      1.66471      2.45698      4.74186
11.65596
 3774852.42 |       1.00918      1.26866      1.69450      2.55627      5.22657
10.65482
 3774802.42 |       1.00533      1.26955      1.71917      2.63853      5.06903
10.74217
 3774752.42 |       0.99225      1.25962      1.72442      2.74907      6.78352
15.21628
 3774702.42 |       0.97084      1.23433      1.69060      2.68871      6.22610
12.31020
 3774652.42 |       0.94134      1.19545      1.62625      2.46990      4.52346
12.01118
 3774602.42 |       0.90407      1.14574      1.55079      2.33192      4.27381
11.81397
 3774552.42 |       0.85747      1.08203      1.46841      2.29947      5.16986
13.00737
 3774502.42 |       0.80218      1.00317      1.35689      2.16206      5.45381
13.12949
 3774452.42 |       0.73916      0.90828      1.19482      1.78768      3.44444
 7.54451
 3774402.42 |       0.67257      0.80435      1.00819      1.35552      2.03890
 3.26714
 3774352.42 |       0.60531      0.70117      0.83111      1.00395      1.19864
 1.24416
 3774302.42 |       0.54109      0.60650      0.68253      0.75955      0.80850
 0.78964
 3774252.42 |       0.48247      0.52482      0.56799      0.60137      0.61051
 0.58870
 3774202.42 |       0.43029      0.45725      0.48110      0.49175      0.49099
 0.47412
 3774152.42 |       0.38560      0.40188      0.41333      0.41784      0.41285
 0.39953
*** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                        ***        06/23/20
*** AERMET - VERSION  16216 ***   ***
                       ***        23:38:06

                                  PAGE 172
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

```
                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: BNSFCONS ***
                                INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
                C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

                                  *** NETWORK ID: UCART2   ;  NETWORK TYPE:
GRIDCART ***

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

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471764.54    471814.54    471864.54    471914.54    471964.54
472014.54
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3776302.75 |       1.14160      1.37093      1.73564      2.38882      3.94693
 11.51244
  3776252.75 |       1.09006      1.31460      1.64542      2.23570      3.61278
  9.90247
  3776202.75 |       1.05995      1.26914      1.59111      2.16631      3.53776
  9.54931
  3776152.75 |       1.03454      1.24015      1.56198      2.16215      3.65396
 11.82111
  3776102.75 |       1.01195      1.21424      1.54381      2.15923      3.75733
 12.90867
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        23:38:06

                                  PAGE 173
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: BNSFCONS ***
                                INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
                C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
```

```
                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

                                  *** NETWORK ID: UCART3   ;  NETWORK TYPE:
GRIDCART ***

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

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     471756.60    471806.60    471856.60    471906.60    471956.60
472006.60
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

  3776504.71 |       1.58890      2.08433      2.95727      4.89889      9.57405
  6.08816
  3776454.71 |       1.40800      1.76357      2.31990      3.44410      7.50440
  9.07034
  3776404.71 |       1.28385      1.56103      1.98814      2.68448      5.36071
 12.70334
  3776354.71 |       1.18898      1.42381      1.80547      2.50568      4.34092
 13.09364
  3776304.71 |       1.11590      1.33033      1.67012      2.25921      3.58704
  9.06541
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        23:38:06

                                  PAGE 174
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
                C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

                                  *** NETWORK ID: UCART4   ;  NETWORK TYPE:
GRIDCART ***
```

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

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471664.52    471714.52    471764.52    471814.52    471864.52
471914.52
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

  3776653.93 |       1.83714      2.37029      3.40049      6.24904      9.36990
  6.69919
  3776603.93 |       1.49126      1.83461      2.42286      3.65992      7.67181
 11.90243
  3776553.93 |       1.27699      1.53003      1.93805      2.72405      4.82608
 10.67165
  3776503.93 |       1.12743      1.32555      1.65186      2.18128      3.14440
  5.45703
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE 175
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: BNSFCONS ***
                                   INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
                C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

                                   *** NETWORK ID: UCART5   ;  NETWORK TYPE:
GRIDCART ***

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

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471554.26    471604.26    471654.26
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
```

```
  3776759.20 |       1.98130      2.60515      3.80444
  3776709.20 |       1.53779      1.88024      2.41615
  3776659.20 |       1.27046      1.49123      1.80371
  3776609.20 |       1.09480      1.25005      1.46308
  3776559.20 |       0.96835      1.08960      1.25348
```



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

                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: BNSFCONS ***
                                INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
                C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

                                *** NETWORK ID: UCART6   ;  NETWORK TYPE:
GRIDCART ***

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

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     471343.73    471393.73    471443.73    471493.73    471543.73
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

  3776922.78 |       1.90279      2.50189      3.65851      6.68838      9.46838
  3776872.78 |       1.47855      1.80829      2.33344      3.22656      5.27308
  3776822.78 |       1.21339      1.42392      1.72276      2.15468      2.92017
  3776772.78 |       1.03338      1.17918      1.37277      1.64086      2.03487
  3776722.78 |       0.90358      1.01087      1.14745      1.32672      1.56990
  3776672.78 |       0.80512      0.88966      0.99220      1.11987      1.29036
  3776622.78 |       0.73190      0.79906      0.87911      0.97887      1.10663
  3776572.78 |       0.67360      0.73006      0.79520      0.87709      0.97546
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3038437 , C3038438 , C3038439 , C3038440 , C3038441 ,
C3038442 , C3038443 , C3038444 , C3038445 , C3038446 , C3038447 , C3038448 , C3038449 ,
C3038450 , C3038451 , C3038452 , C3038453 , C3038454 , C3038455 , C3038456 , C3038457 ,
C3038458 , C3038459 , C3038460 , C3038461 , C3038462 , C3038463 , C3038464 , . . . ,

*** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 471137.27	471187.27	471237.27	471287.27	471337.27
3777005.91	1.26476	1.50909	1.86800	2.44649	3.55063
3776955.91	1.05665	1.22052	1.44491	1.76637	2.27859
3776905.91	0.91108	1.03064	1.18709	1.39332	1.68619
3776855.91	0.80383	0.89515	1.00955	1.15458	1.34660
3776805.91	0.72205	0.79373	0.88215	0.98911	1.12503
3776755.91	0.65744	0.71641	0.78553	0.86820	0.96989

*** AERMOD - VERSION 19191 *** *** Ono Construction PM10 *** 06/23/20
*** AERMET - VERSION 16216 *** *** *** 23:38:06

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3038437 , C3038438 , C3038439 , C3038440 , C3038441 ,
C3038442 , C3038443 , C3038444 , C3038445 , C3038446 , C3038447 , C3038448 , C3038449 ,
C3038450 , C3038451 , C3038452 , C3038453 , C3038454 , C3038455 , C3038456 , C3038457 ,
C3038458 , C3038459 , C3038460 , C3038461 , C3038462

, C3038463 , C3038464 , . . . ,

*** NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 471025.84	471075.84	471125.84	471175.84	471225.84	471275.84
3777113.78	1.34811	1.64371	2.09293	2.85770	4.48819	9.72286
3777063.78	1.10648	1.29947	1.56626	1.96138	2.62023	3.92963
3777013.78	0.94093	1.07733	1.25544	1.49792	1.85209	2.42249

*** AERMOD - VERSION 19191 *** *** Ono Construction PM10 ***
06/23/20
*** AERMET - VERSION 16216 *** ***
23:38:06

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3038437 , C3038438 , C3038439 , C3038440 , C3038441 ,
C3038442 , C3038443 , C3038444 , C3038445 , C3038446 , C3038447 , C3038448 , C3038449 ,
C3038450 , C3038451 , C3038452 , C3038453 , C3038454 , C3038455 , C3038456 , C3038457 ,
C3038458 , C3038459 , C3038460 , C3038461 , C3038462 , C3038463 , C3038464 , . . . ,

*** NETWORK ID: UCART9 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 471071.36	471121.36	471171.36	471221.36

- -

```
  3777220.72 |       3.70380      6.88254      9.71501      7.43109
  3777170.72 |       2.30060      3.27471      5.55790      8.64307
  3777120.72 |       1.67291      2.14100      2.94917      4.70895
```



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

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: BNSFCONS ***
                                INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
                 C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
                 C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                 C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

                                *** NETWORK ID: UCART10  ;  NETWORK TYPE:
GRIDCART ***

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

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     470606.55    470656.55    470706.55    470756.55    470806.55
470856.55    470906.55    470956.55    471006.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3777252.65 |       0.56630      0.65358      0.75996      0.88978      1.05663
  1.27611      1.58690      2.04273      2.94572
  3777202.65 |       0.52190      0.59302      0.67648      0.77712      0.90226
  1.05863      1.26854      1.55999      1.99330
  3777152.65 |       0.48591      0.54461      0.61212      0.69171      0.78644
  0.90210      1.04944      1.24069      1.49957
  3777102.65 |       0.45407      0.50342      0.55848      0.62264      0.69833
  0.78715      0.89528      1.02970      1.20449
  3777052.65 |       0.42765      0.46918      0.51509      0.56786      0.62889
  0.69933      0.78254      0.88303      1.00869
```

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3038437 , C3038438 , C3038439 , C3038440 , C3038441 ,
C3038442 , C3038443 , C3038444 , C3038445 , C3038446 , C3038447 , C3038448 , C3038449 ,
C3038450 , C3038451 , C3038452 , C3038453 , C3038454 , C3038455 , C3038456 , C3038457 ,
C3038458 , C3038459 , C3038460 , C3038461 , C3038462 , C3038463 , C3038464 , . . . ,

*** NETWORK ID: UCART10 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 471056.55
3777252.65	4.92219
3777202.65	2.71636
3777152.65	1.87612
3777102.65	1.43671
3777052.65	1.16654

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3038437 , C3038438 , C3038439 , C3038440 , C3038441 ,
C3038442 , C3038443 , C3038444 , C3038445 , C3038446 , C3038447 , C3038448 , C3038449 ,
C3038450 , C3038451 , C3038452 , C3038453 , C3038454

```
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

                                  *** NETWORK ID: UCART11  ;  NETWORK TYPE:
GRIDCART ***

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

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     470269.99    470319.99    470369.99    470419.99
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

  3777554.36 |       0.24135      0.27992      0.32905      0.39925
  3777504.36 |       0.24625      0.28293      0.33178      0.39770
  3777454.36 |       0.24979      0.28449      0.33123      0.39223
  3777404.36 |       0.25173      0.28573      0.32867      0.38398
  3777354.36 |       0.25314      0.28474      0.32429      0.37376
  3777304.36 |       0.25285      0.28238      0.31847      0.36213
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        23:38:06

                                  PAGE 183
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
                C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

                                  *** NETWORK ID: UCART12  ;  NETWORK TYPE:
GRIDCART ***

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

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     468710.70    468760.70    468810.70    468860.70    468910.70
```

468960.70   469010.70   469060.70
- - - -

```
 - - -
```

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

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     471525.86
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3777911.53 |       0.32832
  3777861.53 |       0.35668
  3777811.53 |       0.38835
  3777761.53 |       0.42357
  3777711.53 |       0.46274
  3777661.53 |       0.50503
  3777611.53 |       0.55376
  3777561.53 |       0.61002
  3777511.53 |       0.67265
  3777461.53 |       0.74696
  3777411.53 |       0.83756
  3777361.53 |       0.94535
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***       23:38:06

                                 PAGE 186
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: BNSFCONS ***
                                INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
                C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

                                 *** NETWORK ID: UCART14  ;  NETWORK TYPE:
GRIDCART ***

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

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     472114.69    472164.69    472214.69    472264.69    472314.69
```

```
472364.69    472414.69    472464.69    472514.69
 - - -
```

```
                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

                                  *** NETWORK ID: UCART14  ;  NETWORK TYPE:
GRIDCART ***

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

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     472564.69
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

  3777124.55 |       0.37648
  3777074.55 |       0.39312
  3777024.55 |       0.41163
  3776974.55 |       0.42909
  3776924.55 |       0.44867
  3776874.55 |       0.46633
  3776824.55 |       0.48507
  3776774.55 |       0.50295
  3776724.55 |       0.51995
  3776674.55 |       0.53692
  3776624.55 |       0.55389
  3776574.55 |       0.56832
  3776524.55 |       0.58461
  3776474.55 |       0.59826
  3776424.55 |       0.61003
```



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

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: BNSFCONS ***
                                  INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
                C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
```

, C3038463 , C3038464 , . . . ,

*** NETWORK ID: UCART15 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 472138.17	472188.17	472238.17	472288.17	472338.17
3775714.69	3.42538	2.32132	1.75673	1.41601	1.18660
3775664.69	3.37185	2.25373	1.73216	1.40345	1.18007
3775614.69	3.12992	2.18978	1.70415	1.38910	1.17296
3775564.69	2.98625	2.15636	1.68588	1.38041	1.16889
3775514.69	2.95609	2.14479	1.68139	1.37819	1.16648
3775464.69	2.96781	2.14853	1.68365	1.37849	1.16750
3775414.69	2.99451	2.15601	1.68401	1.37934	1.16651
3775364.69	2.99668	2.16257	1.68819	1.38056	1.16532
3775314.69	3.06862	2.19382	1.70106	1.38481	1.16596
3775264.69	3.22062	2.23084	1.70796	1.38433	1.16284
3775214.69	3.24308	2.22934	1.70266	1.37829	1.15701
3775164.69	3.18454	2.20486	1.68817	1.36806	1.14857
3775114.69	3.11597	2.17769	1.67327	1.35793	1.14003
3775064.69	3.06839	2.15895	1.66147	1.34836	1.13131
3775014.69	3.05768	2.14893	1.65248	1.33964	1.12187
3774964.69	3.02781	2.13402	1.64215	1.32907	1.11018
3774914.69	2.98922	2.12052	1.62965	1.31471	1.09507
3774864.69	2.98099	2.10861	1.61183	1.29462	1.07404
3774814.69	2.98820	2.08219	1.58237	1.26541	1.04605
3774764.69	2.88917	2.02806	1.54012	1.22728	1.01093
3774714.69	2.81463	1.97095	1.48748	1.17864	0.96574
3774664.69	2.78726	1.90510	1.41879	1.11544	0.90980
3774614.69	2.66260	1.79025	1.32198	1.03402	0.84133
3774564.69	2.40772	1.62311	1.19513	0.93467	0.76239
3774514.69	2.12103	1.41397	1.04136	0.82066	0.67594
3774464.69	1.70988	1.15382	0.87006	0.70192	0.58954
3774414.69	1.19450	0.88554	0.70735	0.59231	0.51100
3774364.69	0.84109	0.68544	0.57947	0.50346	0.44566
3774314.69	0.64232	0.55398	0.48756	0.43529	0.39310
3774264.69	0.51665	0.46493	0.42013	0.38306	0.35150

*** AERMOD - VERSION 19191 *** *** Ono Construction PM10 *** 06/23/20

*** AERMET - VERSION 16216 *** *** *** 23:38:06

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3038437 , C3038438 , C3038439 , C3038440 , C3038441 ,
C3038442 , C3038443 , C3038444 , C3038445 , C3038446 , C3038447 , C3038448 , C3038449 ,
C3038450 , C3038451 , C3038452 , C3038453 , C3038454 , C3038455 , C3038456 , C3038457 ,
C3038458 , C3038459 , C3038460 , C3038461 , C3038462 , C3038463 , C3038464 , . . . ,

*** NETWORK ID: UCART16 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 472255.22	472305.22	472355.22	472405.22	472455.22
3776236.95	1.47646	1.22089	1.04199	0.90861	0.80527
3776186.95	1.49178	1.23524	1.05495	0.91923	0.81519
3776136.95	1.50979	1.25088	1.06846	0.93093	0.82464
3776086.95	1.53448	1.26906	1.08186	0.94137	0.83356
3776036.95	1.56143	1.28652	1.09398	0.95163	0.84167
3775986.95	1.58208	1.29968	1.10362	0.95941	0.84948
3775936.95	1.59502	1.31015	1.11174	0.96587	0.85493
3775886.95	1.60650	1.31878	1.11888	0.97276	0.85866

*** AERMOD - VERSION 19191 *** *** Ono Construction PM10 ***
06/23/20
*** AERMET - VERSION 16216 *** ***
23:38:06

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): C3038437 , C3038438 , C3038439 , C3038440 , C3038441 ,
C3038442 , C3038443 , C3038444 , C3038445 , C3038446 , C3038447 , C3038448 , C3038449 ,
C3038450 , C3038451 , C3038452 , C3038453 , C3038454

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 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,
```

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

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

Y-COORD (METERS)	X-COORD (METERS) 471773.42	471823.42	471873.42	471923.42	471973.42	472023.42
3776102.42	1.04248	1.26092	1.62391	2.33177	4.33477	9.92839
3776052.42	1.02452	1.24348	1.59942	2.29537	4.25746	10.30034
3776002.42	1.01489	1.22712	1.56918	2.20521	3.76604	10.06894
3775952.42	1.00919	1.21777	1.54296	2.12702	3.42750	8.90925
3775902.42	0.99979	1.20554	1.52254	2.07329	3.31990	8.88226
3775852.42	0.99660	1.19853	1.51258	2.05963	3.30411	8.84476
3775802.42	0.99364	1.19852	1.51154	2.05623	3.29202	8.65123
3775752.42	0.99796	1.20304	1.52000	2.06932	3.30220	8.49571
3775702.42	1.00179	1.21360	1.54197	2.11472	3.38087	8.50078
3775652.42	1.01044	1.22365	1.54098	2.01955	3.09119	8.61299
3775602.42	1.02203	1.25512	1.62979	2.33810	4.29187	8.47377
3775552.42	1.03576	1.28389	1.69729	2.49880	4.78820	10.15965
3775502.42	1.04773	1.31103	1.75425	2.64497	5.11115	10.27924
3775452.42	1.05919	1.33476	1.81226	2.84741	6.59068	11.23110
3775402.42	1.06420	1.33940	1.81486	2.87188	7.02079	9.58380
3775352.42	1.06152	1.32776	1.77941	2.67448	4.92493	10.18133

3775302.42	1.04989	1.30692	1.72650	2.50179	4.56051
10.12552					
3775252.42	1.04310	1.28898	1.67360	2.37517	4.14536
12.97706					
3775202.42	1.02992	1.27023	1.63382	2.27173	3.72576
10.04734					
3775152.42	1.02357	1.25569	1.60411	2.22142	3.67433
10.90071					
3775102.42	1.01865	1.24435	1.59285	2.21467	3.75766
12.10287					
3775052.42	1.01395	1.24598	1.59866	2.22485	3.77331
13.12929					
3775002.42	1.00972	1.24725	1.60887	2.26381	3.80481
11.05316					
3774952.42	1.01467	1.25251	1.63211	2.34468	4.13667
11.63867					
3774902.42	1.01261	1.26148	1.66471	2.45698	4.74186
11.65596					
3774852.42	1.00918	1.26866	1.69450	2.55627	5.22657
10.65482					
3774802.42	1.00533	1.26955	1.71917	2.63853	5.06903
10.74217					
3774752.42	0.99225	1.25962	1.72442	2.74907	6.78352
15.21628					
3774702.42	0.97084	1.23433	1.69060	2.68871	6.22610
12.31020					
3774652.42	0.94134	1.19545	1.62625	2.46990	4.52346
12.01118					
3774602.42	0.90407	1.14574	1.55079	2.33192	4.27381
11.81397					
3774552.42	0.85747	1.08203	1.46841	2.29947	5.16986
13.00737					
3774502.42	0.80218	1.00317	1.35689	2.16206	5.45381
13.12949					
3774452.42	0.73916	0.90828	1.19482	1.78768	3.44444
7.54451					
3774402.42	0.67257	0.80435	1.00819	1.35552	2.03890
3.26714					
3774352.42	0.60531	0.70117	0.83111	1.00395	1.19864
1.24416					
3774302.42	0.54109	0.60650	0.68253	0.75955	0.80850
0.78964					
3774252.42	0.48247	0.52482	0.56799	0.60137	0.61051
0.58870					
3774202.42	0.43029	0.45725	0.48110	0.49175	0.49099
0.47412					
3774152.42	0.38560	0.40188	0.41333	0.41784	0.41285
0.39953					

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): C3038437 , C3038438 , C3038439 , C3038440 , C3038441 ,
C3038442 , C3038443 , C3038444 , C3038445 , C3038446 , C3038447 , C3038448 , C3038449 ,
C3038450 , C3038451 , C3038452 , C3038453 , C3038454 , C3038455 , C3038456 , C3038457 ,
C3038458 , C3038459 , C3038460 , C3038461 , C3038462 , C3038463 , C3038464 , . . . ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 471764.54	471814.54	471864.54	471914.54	471964.54	472014.54
3776302.75	1.14160	1.37093	1.73564	2.38882	3.94693	11.51244
3776252.75	1.09006	1.31460	1.64542	2.23570	3.61278	9.90247
3776202.75	1.05995	1.26914	1.59111	2.16631	3.53776	9.54931
3776152.75	1.03454	1.24015	1.56198	2.16215	3.65396	11.82111
3776102.75	1.01195	1.21424	1.54381	2.15923	3.75733	12.90867

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
                C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

                                   *** NETWORK ID: UCART3   ;  NETWORK TYPE:
GRIDCART ***

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

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471756.60    471806.60    471856.60    471906.60    471956.60
472006.60
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3776504.71 |       1.58890      2.08433      2.95727      4.89889      9.57405
  6.08816
  3776454.71 |       1.40800      1.76357      2.31990      3.44410      7.50440
  9.07034
  3776404.71 |       1.28385      1.56103      1.98814      2.68448      5.36071
 12.70334
  3776354.71 |       1.18898      1.42381      1.80547      2.50568      4.34092
 13.09364
  3776304.71 |       1.11590      1.33033      1.67012      2.25921      3.58704
  9.06541
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
                C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
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C3038450 , C3038451 , C3038452 , C3038453 , C3038454
, C3038455 , C3038456 , C3038457 ,
C3038458 , C3038459 , C3038460 , C3038461 , C3038462
, C3038463 , C3038464 , . . . ,

*** NETWORK ID: UCART4 ; NETWORK TYPE:
GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 471664.52	471714.52	471764.52	471814.52	471864.52	471914.52
3776653.93	1.83714	2.37029	3.40049	6.24904	9.36990	6.69919
3776603.93	1.49126	1.83461	2.42286	3.65992	7.67181	11.90243
3776553.93	1.27699	1.53003	1.93805	2.72405	4.82608	10.67165
3776503.93	1.12743	1.32555	1.65186	2.18128	3.14440	5.45703

*** AERMOD - VERSION 19191 *** *** Ono Construction PM10
*** 06/23/20
*** AERMET - VERSION 16216 ***
*** 23:38:06

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5
YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): C3038437 , C3038438
, C3038439 , C3038440 , C3038441 ,
C3038442 , C3038443 , C3038444 , C3038445 , C3038446
, C3038447 , C3038448 , C3038449 ,
C3038450 , C3038451 , C3038452 , C3038453 , C3038454
, C3038455 , C3038456 , C3038457 ,
C3038458 , C3038459 , C3038460 , C3038461 , C3038462
, C3038463 , C3038464 , . . . ,

*** NETWORK ID: UCART5 ; NETWORK TYPE:
GRIDCART ***

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

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                    **

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471554.26    471604.26    471654.26
 - - -
```

```
  3776622.78 |       0.73190      0.79906      0.87911      0.97887      1.10663
  3776572.78 |       0.67360      0.73006      0.79520      0.87709      0.97546
```



```
                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
                C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

                                 *** NETWORK ID: UCART7   ;  NETWORK TYPE:
GRIDCART ***

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

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     471137.27    471187.27    471237.27    471287.27    471337.27
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3777005.91 |       1.26476      1.50909      1.86800      2.44649      3.55063
  3776955.91 |       1.05665      1.22052      1.44491      1.76637      2.27859
  3776905.91 |       0.91108      1.03064      1.18709      1.39332      1.68619
  3776855.91 |       0.80383      0.89515      1.00955      1.15458      1.34660
  3776805.91 |       0.72205      0.79373      0.88215      0.98911      1.12503
  3776755.91 |       0.65744      0.71641      0.78553      0.86820      0.96989
```



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                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
```

```
                                INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
                C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

                                   *** NETWORK ID: UCART8   ;  NETWORK TYPE:
GRIDCART ***

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

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     471025.84    471075.84    471125.84    471175.84    471225.84
471275.84
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3777113.78 |       1.34811      1.64371      2.09293      2.85770      4.48819
  9.72286
  3777063.78 |       1.10648      1.29947      1.56626      1.96138      2.62023
  3.92963
  3777013.78 |       0.94093      1.07733      1.25544      1.49792      1.85209
  2.42249
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        23:38:06

                                   PAGE 198
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
                C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

                                   *** NETWORK ID: UCART9   ;  NETWORK TYPE:
GRIDCART ***
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                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471071.36    471121.36    471171.36    471221.36
 - - -
```

```
  0.90210      1.04944      1.24069      1.49957
  3777102.65 |       0.45407      0.50342      0.55848      0.62264      0.69833
  0.78715      0.89528      1.02970      1.20449
  3777052.65 |       0.42765      0.46918      0.51509      0.56786      0.62889
  0.69933      0.78254      0.88303      1.00869
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE 200
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                   INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
                C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

                                   *** NETWORK ID: UCART10  ;  NETWORK TYPE:
GRIDCART ***

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

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471056.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3777252.65 |       4.92219
  3777202.65 |       2.71636
  3777152.65 |       1.87612
  3777102.65 |       1.43671
  3777052.65 |       1.16654
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE 201
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
                C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

                                     *** NETWORK ID: UCART11  ;  NETWORK TYPE:
GRIDCART ***

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

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     470269.99    470319.99    470369.99    470419.99
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3777554.36 |       0.24135      0.27992      0.32905      0.39925
  3777504.36 |       0.24625      0.28293      0.33178      0.39770
  3777454.36 |       0.24979      0.28449      0.33123      0.39223
  3777404.36 |       0.25173      0.28573      0.32867      0.38398
  3777354.36 |       0.25314      0.28474      0.32429      0.37376
  3777304.36 |       0.25285      0.28238      0.31847      0.36213
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE 202
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
                C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

                                     *** NETWORK ID: UCART12  ;  NETWORK TYPE:
```

```
GRIDCART ***

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

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     468710.70    468760.70    468810.70    468860.70    468910.70
468960.70    469010.70    469060.70
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3779663.00 |       0.20947      0.26864      0.36202      0.51830      0.79250
  1.29247      2.31358      5.33779
  3779613.00 |       0.20449      0.25788      0.33766      0.45987      0.64956
  0.94989      1.46845      2.58854
  3779563.00 |       0.19623      0.24231      0.30739      0.39875      0.52763
  0.71103      0.98327      1.44030
  3779513.00 |       0.18581      0.22427      0.27520      0.34237      0.42937
  0.53987      0.68095      0.85649
  3779463.00 |       0.17434      0.20555      0.24460      0.29299      0.35091
  0.41643      0.48610      0.54803
  3779413.00 |       0.16254      0.18744      0.21694      0.25101      0.28899
  0.32708      0.35908      0.37943
  3779363.00 |       0.15083      0.17042      0.19245      0.21605      0.24029
  0.26197      0.27676      0.28204
  3779313.00 |       0.13966      0.15492      0.17114      0.18737      0.20256
  0.21469      0.22133      0.22118
```



```
                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
                C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

                                  *** NETWORK ID: UCART13  ;  NETWORK TYPE:
GRIDCART ***
```

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

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471075.86    471125.86    471175.86    471225.86    471275.86
471325.86    471375.86    471425.86    471475.86
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3777911.53 |       0.43080      0.41519      0.40308      0.39247      0.38167
  0.37017      0.35962      0.34871      0.33907
  3777861.53 |       0.50953      0.48337      0.46160      0.44260      0.42604
  0.41139      0.39742      0.38321      0.37087
  3777811.53 |       0.60276      0.56279      0.52896      0.50035      0.47604
  0.45640      0.43866      0.42205      0.40545
  3777761.53 |       0.71325      0.65440      0.60711      0.56701      0.53458
  0.50710      0.48447      0.46344      0.44294
  3777711.53 |       0.84281      0.76479      0.70083      0.64666      0.60252
  0.56528      0.53679      0.50893      0.48543
  3777661.53 |       0.99494      0.88923      0.80657      0.73671      0.67931
  0.63216      0.59505      0.56268      0.53278
  3777611.53 |       1.18203      1.03934      0.93040      0.84349      0.77080
  0.71048      0.66267      0.62344      0.58651
  3777561.53 |       1.42534      1.22847      1.08277      0.96922      0.87856
  0.80376      0.74389      0.69295      0.64963
  3777511.53 |       1.76060      1.48219      1.28207      1.13072      1.01257
  0.91700      0.84236      0.77559      0.71895
  3777461.53 |       2.26405      1.83851      1.54928      1.33980      1.18235
  1.05762      0.96039      0.87736      0.80302
  3777411.53 |       3.12445      2.38902      1.93749      1.63103      1.40879
  1.24000      1.10954      1.00341      0.91233
  3777361.53 |       4.92384      3.37791      2.56519      2.05207      1.72147
  1.48428      1.30069      1.16040      1.04315
*** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        23:38:06

                                  PAGE 204
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
                 C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
```

```
                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

                                  *** NETWORK ID: UCART13  ;  NETWORK TYPE:
GRIDCART ***

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

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     471525.86
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

  3777911.53 |       0.32832
  3777861.53 |       0.35668
  3777811.53 |       0.38835
  3777761.53 |       0.42357
  3777711.53 |       0.46274
  3777661.53 |       0.50503
  3777611.53 |       0.55376
  3777561.53 |       0.61002
  3777511.53 |       0.67265
  3777461.53 |       0.74696
  3777411.53 |       0.83756
  3777361.53 |       0.94535
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***       23:38:06

                                  PAGE 205
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
                C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

                                  *** NETWORK ID: UCART14  ;  NETWORK TYPE:
```

GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 472114.69	472164.69	472214.69	472264.69	472314.69	472364.69	472414.69	472464.69	472514.69
3777124.55	0.60021	0.57698	0.54163	0.51041	0.48158	0.45580	0.43228	0.41154	0.39320
3777074.55	0.65087	0.61840	0.57920	0.54390	0.51109	0.48215	0.45591	0.43279	0.41179
3777024.55	0.70838	0.66656	0.62114	0.58120	0.54385	0.51062	0.48115	0.45561	0.43240
3776974.55	0.78086	0.72600	0.67048	0.62392	0.58037	0.54121	0.50785	0.47877	0.45319
3776924.55	0.86420	0.79568	0.72758	0.66973	0.61889	0.57479	0.53617	0.50350	0.47634
3776874.55	0.96394	0.88760	0.80304	0.73211	0.66817	0.61618	0.56905	0.53164	0.49737
3776824.55	1.08389	0.97445	0.87334	0.78875	0.71622	0.65467	0.60150	0.55750	0.51964
3776774.55	1.22230	1.07193	0.94870	0.84680	0.76240	0.69193	0.63280	0.58274	0.54039
3776724.55	1.37543	1.18124	1.03025	0.90945	0.80966	0.72922	0.66306	0.60799	0.56061
3776674.55	1.55320	1.30147	1.11713	0.97450	0.86153	0.77110	0.69694	0.63531	0.58094
3776624.55	1.74846	1.43008	1.20371	1.03718	0.90845	0.80776	0.72590	0.65863	0.60143
3776574.55	1.96202	1.56112	1.29231	1.10016	0.95534	0.84335	0.75373	0.68108	0.61901
3776524.55	2.19704	1.70008	1.38394	1.16388	1.00199	0.87855	0.78157	0.70337	0.63881
3776474.55	2.46264	1.84794	1.47528	1.22554	1.04613	0.91146	0.80668	0.72358	0.65493
3776424.55	2.75971	1.99707	1.56522	1.28444	1.08639	0.94092	0.82900	0.74136	0.66938

*** AERMOD - VERSION 19191 *** *** Ono Construction PM10 ***
06/23/20
*** AERMET - VERSION 16216 *** ***
*** 23:38:06

PAGE 206

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

```
                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
                C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

                                    *** NETWORK ID: UCART14  ;  NETWORK TYPE:
GRIDCART ***

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

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     472564.69
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

  3777124.55 |       0.37648
  3777074.55 |       0.39312
  3777024.55 |       0.41163
  3776974.55 |       0.42909
  3776924.55 |       0.44867
  3776874.55 |       0.46633
  3776824.55 |       0.48507
  3776774.55 |       0.50295
  3776724.55 |       0.51995
  3776674.55 |       0.53692
  3776624.55 |       0.55389
  3776574.55 |       0.56832
  3776524.55 |       0.58461
  3776474.55 |       0.59826
  3776424.55 |       0.61003
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        23:38:06

                                   PAGE 207
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
```

BNSF Ono_Con_PM10.ADO
INCLUDING SOURCE(S): C3038437 , C3038438
, C3038439 , C3038440 , C3038441 ,
C3038442 , C3038443 , C3038444 , C3038445 , C3038446
, C3038447 , C3038448 , C3038449 ,
C3038450 , C3038451 , C3038452 , C3038453 , C3038454
, C3038455 , C3038456 , C3038457 ,
C3038458 , C3038459 , C3038460 , C3038461 , C3038462
, C3038463 , C3038464 , . . . ,

*** NETWORK ID: UCART15 ; NETWORK TYPE:
GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 472138.17	472188.17	472238.17	472288.17	472338.17
3775714.69	3.42538	2.32132	1.75673	1.41601	1.18660
3775664.69	3.37185	2.25373	1.73216	1.40345	1.18007
3775614.69	3.12992	2.18978	1.70415	1.38910	1.17296
3775564.69	2.98625	2.15636	1.68588	1.38041	1.16889
3775514.69	2.95609	2.14479	1.68139	1.37819	1.16648
3775464.69	2.96781	2.14853	1.68365	1.37849	1.16750
3775414.69	2.99451	2.15601	1.68401	1.37934	1.16651
3775364.69	2.99668	2.16257	1.68819	1.38056	1.16532
3775314.69	3.06862	2.19382	1.70106	1.38481	1.16596
3775264.69	3.22062	2.23084	1.70796	1.38433	1.16284
3775214.69	3.24308	2.22934	1.70266	1.37829	1.15701
3775164.69	3.18454	2.20486	1.68817	1.36806	1.14857
3775114.69	3.11597	2.17769	1.67327	1.35793	1.14003
3775064.69	3.06839	2.15895	1.66147	1.34836	1.13131
3775014.69	3.05768	2.14893	1.65248	1.33964	1.12187
3774964.69	3.02781	2.13402	1.64215	1.32907	1.11018
3774914.69	2.98922	2.12052	1.62965	1.31471	1.09507
3774864.69	2.98099	2.10861	1.61183	1.29462	1.07404
3774814.69	2.98820	2.08219	1.58237	1.26541	1.04605
3774764.69	2.88917	2.02806	1.54012	1.22728	1.01093
3774714.69	2.81463	1.97095	1.48748	1.17864	0.96574
3774664.69	2.78726	1.90510	1.41879	1.11544	0.90980
3774614.69	2.66260	1.79025	1.32198	1.03402	0.84133
3774564.69	2.40772	1.62311	1.19513	0.93467	0.76239
3774514.69	2.12103	1.41397	1.04136	0.82066	0.67594
3774464.69	1.70988	1.15382	0.87006	0.70192	0.58954
3774414.69	1.19450	0.88554	0.70735	0.59231	0.51100
3774364.69	0.84109	0.68544	0.57947	0.50346	0.44566

```
  3774314.69 |       0.64232      0.55398      0.48756      0.43529      0.39310
  3774264.69 |       0.51665      0.46493      0.42013      0.38306      0.35150
```



```
                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
                C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

                                *** NETWORK ID: UCART16  ;  NETWORK TYPE:
GRIDCART ***

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

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     472255.22    472305.22    472355.22    472405.22    472455.22
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3776236.95 |       1.47646      1.22089      1.04199      0.90861      0.80527
  3776186.95 |       1.49178      1.23524      1.05495      0.91923      0.81519
  3776136.95 |       1.50979      1.25088      1.06846      0.93093      0.82464
  3776086.95 |       1.53448      1.26906      1.08186      0.94137      0.83356
  3776036.95 |       1.56143      1.28652      1.09398      0.95163      0.84167
  3775986.95 |       1.58208      1.29968      1.10362      0.95941      0.84948
  3775936.95 |       1.59502      1.31015      1.11174      0.96587      0.85493
  3775886.95 |       1.60650      1.31878      1.11888      0.97276      0.85866
```

BNSF Ono_Con_PM10.ADO
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3038437 , C3038438 , C3038439 , C3038440 , C3038441 ,
C3038442 , C3038443 , C3038444 , C3038445 , C3038446 , C3038447 , C3038448 , C3038449 ,
C3038450 , C3038451 , C3038452 , C3038453 , C3038454 , C3038455 , C3038456 , C3038457 ,
C3038458 , C3038459 , C3038460 , C3038461 , C3038462 , C3038463 , C3038464 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 471773.42	471823.42	471873.42	471923.42	471973.42
3776102.4	3.27241 (15122224)	3.90870 (15122224)	4.94866 (15122224)	6.89442 (15122224)	11.90667 (15122224)
3776052.4	3.22794 (15122224)	3.85468 (15122224)	4.87205 (15122224)	6.78643 (15122224)	11.75440 (15122224)
3776002.4	3.18791 (15122224)	3.79492 (15122224)	4.76120 (15122224)	6.50157 (15122224)	10.45450 (15122224)
3775952.4	3.15408 (15122224)	3.74805 (15122224)	4.66371 (15122224)	6.25770 (15122224)	9.65749 (15122224)
3775902.4	3.11904 (15122224)	3.70629 (15122224)	4.60006 (15122224)	6.12558 (15122224)	9.43736 (15122224)
3775852.4	3.10526 (15122224)	3.68400 (15122224)	4.57100 (15122224)	6.08054 (15122224)	9.34817 (15122224)
3775802.4	3.09917 (15122224)	3.68442 (15122224)	4.56857 (15122224)	6.07379 (15122224)	9.32474 (15122224)
3775752.4	3.11470 (15122224)	3.70156 (15122224)	4.59801 (15122224)	6.11594 (15122224)	9.36444 (15122224)
3775702.4	3.13600 (15122224)	3.74131 (15122224)	4.67048 (15122224)	6.24628 (15122224)	9.55335 (15122224)
3775652.4	3.17267 (15122224)	3.79148 (15122224)	4.72390 (15122224)	6.26212 (15122224)	9.50558 (11121924)
3775602.4	3.21721 (15122224)	3.88884 (15122224)	4.96133 (15122224)	6.93924 (15122224)	12.07097 (15122224)
3775552.4	3.26652 (15122224)	3.97999 (15122224)	5.14772 (15122224)	7.31713 (15122224)	12.94510 (15122224)
3775502.4	3.30587 (15122224)	4.06466 (15122224)	5.32160		

```
(15122224)      7.70988 (15122224)     13.70635 (15122224)
 3775452.4 |      3.33179 (15122224)      4.13169 (15122224)      5.50236
(15122224)      8.34471 (15122224)     17.65246 (15122224)
 3775402.4 |      3.32841 (15122224)      4.12738 (15122224)      5.48746
(15122224)      8.36108 (15122224)     18.23353 (15122224)
 3775352.4 |      3.29425 (15122224)      4.05426 (15122224)      5.30103
(15122224)      7.64064 (15122224)     13.16815 (15122224)
 3775302.4 |      3.24151 (15122224)      3.96043 (15122224)      5.11247
(15122224)      7.20436 (15122224)     12.42505 (15122224)
 3775252.4 |      3.19736 (15122224)      3.88445 (15122224)      4.94658
(15122224)      6.84953 (15122224)     11.34409 (15122224)
 3775202.4 |      3.14995 (15122224)      3.81895 (15122224)      4.82627
(15122224)      6.55078 (15122224)     10.27019 (15122224)
 3775152.4 |      3.12238 (15122224)      3.77456 (15122224)      4.74789
(15122224)      6.43453 (15122224)     10.17343 (15122224)
 3775102.4 |      3.10497 (15122224)      3.74708 (15122224)      4.72628
(15122224)      6.44241 (15122224)     10.37530 (15122224)
 3775052.4 |      3.09347 (15122224)      3.75353 (15122224)      4.74860
(15122224)      6.49488 (15122224)     10.63367 (15122224)
 3775002.4 |      3.08772 (15122224)      3.76579 (15122224)      4.79000
(15122224)      6.60733 (15122224)     10.82175 (15122224)
 3774952.4 |      3.10307 (15122224)      3.79439 (15122224)      4.87522
(15122224)      6.81454 (15122224)     11.30779 (15122224)
 3774902.4 |      3.10504 (15122224)      3.83248 (15122224)      4.99225
(15122224)      7.16417 (15122224)     12.91392 (15122224)
 3774852.4 |      3.09982 (15122224)      3.86052 (15122224)      5.08436
(15122224)      7.42813 (15122224)     14.01426 (15122224)
 3774802.4 |      3.08212 (15122224)      3.86218 (15122224)      5.14885
(15122224)      7.60699 (15122224)     13.48307 (15122224)
 3774752.4 |      3.09041 (12122924)      3.82431 (15122224)      5.17420
(15122224)      7.99966 (15122224)     18.24164 (15122224)
 3774702.4 |      3.09643 (12122924)      3.81315 (12122924)      5.02667
(15122224)      7.70245 (15122224)     16.19039 (15122224)
 3774652.4 |      3.08775 (12122924)      3.82477 (12122924)      5.00697
(12122924)      7.02395 (12122924)     12.00048 (15122224)
 3774602.4 |      3.04363 (12122924)      3.73533 (12122924)      4.80837
(12122924)      6.59453 (15122224)     11.47186 (15122224)
 3774552.4 |      2.97016 (12122924)      3.59036 (12122924)      4.54355
(12122924)      6.57802 (15122224)     13.82905 (15122224)
 3774502.4 |      2.88426 (12122924)      3.45333 (12122924)      4.35374
(12122924)      6.18520 (12122924)     14.21972 (15122224)
 3774452.4 |      2.79307 (12122924)      3.32659 (12122924)      4.18200
(12122924)      5.74480 (12122924)      8.96695 (11121224)
 3774402.4 |      2.67176 (12122924)      3.13996 (12122924)      3.81125
(12122924)      4.79655 (12122924)      6.23660 (12122924)
 3774352.4 |      2.50752 (12122924)      2.85702 (12122924)      3.27710
(12122924)      3.68546 (12122924)      3.74371 (12122924)
 3774302.4 |      2.29267 (12122924)      2.50638 (12122924)      2.68613
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(12122924)      2.71418 (12122924)      2.83626m(11122824)
 3774252.4 |      2.05315 (12122924)      2.14782 (12122924)      2.18023
(12122924)      2.18593m(11122824)      2.31797m(11122824)
 3774202.4 |      1.80995 (12122924)      1.82793 (12122924)      1.77951
(12122924)      1.91804m(11122824)      1.97234m(11122824)
 3774152.4 |      1.59059 (12122924)      1.55549 (12122924)
1.59620m(11122824)      1.68956m(11122824)      1.69619m(11122824)
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        23:38:06

                                  PAGE 210
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
                C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

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

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       472023.42
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3776102.4 |     25.04915 (15122224)
 3776052.4 |     26.36354 (15122224)
 3776002.4 |     25.92136 (15122224)
 3775952.4 |     23.10457 (15122224)
 3775902.4 |     22.90995 (15122224)
 3775852.4 |     22.74525 (15122224)
 3775802.4 |     22.41277 (15122224)
 3775752.4 |     22.21885 (15122224)
 3775702.4 |     22.10637 (15122224)
 3775652.4 |     23.56853 (15122224)
 3775602.4 |     20.54065 (16121124)
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 3775552.4 |      25.24001 (15122224)
 3775502.4 |      25.32775 (16121124)
 3775452.4 |      24.82566 (16121124)
 3775402.4 |      23.91095 (16121124)
 3775352.4 |      25.57845 (15122224)
 3775302.4 |      25.56040 (15122224)
 3775252.4 |      33.70697 (15122224)
 3775202.4 |      25.77836 (15122224)
 3775152.4 |      28.05202 (15122224)
 3775102.4 |      31.28361 (15122224)
 3775052.4 |      34.27371 (15122224)
 3775002.4 |      28.36772 (15122224)
 3774952.4 |      29.51535 (15122224)
 3774902.4 |      27.77182 (15122224)
 3774852.4 |      27.02248 (15122224)
 3774802.4 |      26.44829 (15122224)
 3774752.4 |      34.48692 (15122224)
 3774702.4 |      30.25361 (15122224)
 3774652.4 |      30.71618 (15122224)
 3774602.4 |      29.77564 (15122224)
 3774552.4 |      29.03713 (15122224)
 3774502.4 |      30.94406 (15122224)
 3774452.4 |      19.06099 (15122224)
 3774402.4 |       8.37972 (16012724)
 3774352.4 |       4.01157m(11122824)
 3774302.4 |       2.81956m(11122824)
 3774252.4 |       2.22049m(11122824)
 3774202.4 |       1.85091m(11122824)
 3774152.4 |       1.59733m(11122824)
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE 211
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
                C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,
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                                    *** NETWORK ID: UCART2   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471764.54              471814.54              471864.54
       471914.54              471964.54
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776302.8 |      3.54523 (15122224)      4.18884 (15122224)      5.21674
(15122224)      7.00440 (15122224)     11.03251 (15122224)
 3776252.8 |      3.40639 (15122224)      4.02688 (15122224)      4.96661
(15122224)      6.58788 (15122224)     10.11102 (15122224)
 3776202.8 |      3.30558 (15122224)      3.90853 (15122224)      4.83003
(15122224)      6.42475 (15122224)      9.92766 (15122224)
 3776152.8 |      3.23733 (15122224)      3.83661 (15122224)      4.76459
(15122224)      6.42838 (15122224)     10.25678 (15122224)
 3776102.8 |      3.18315 (15122224)      3.77382 (15122224)      4.72114
(15122224)      6.43166 (15122224)     10.50420 (15122224)
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        23:38:06

                                    PAGE 212
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                   INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
                 C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
                 C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                 C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

                                    *** NETWORK ID: UCART2   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
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  (METERS) |       472014.54
 - - -
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 3776304.7 |      3.47107 (15122224)      4.07466 (15122224)      5.03266
(15122224)      6.65419 (15122224)     10.12918 (15122224)
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        23:38:06

                                  PAGE 214
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
                C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

                                  *** NETWORK ID: UCART3   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       472006.60
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3776504.7 |     14.18570 (16011524)
 3776454.7 |     21.09420 (16011524)
 3776404.7 |     31.43538 (15122224)
 3776354.7 |     34.93747 (15122224)
 3776304.7 |     24.07595 (15122224)
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        23:38:06

                                  PAGE 215
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3038437    , C3038438
```

```
 , C3038439    , C3038440    , C3038441    ,
                C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

                                   *** NETWORK ID: UCART4   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471664.52               471714.52               471764.52
       471814.52               471864.52
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776653.9 |      5.72178 (15122224)      7.14521 (15122224)      9.82002
(15122224)     17.01019 (15122224)     25.00504 (15122224)
 3776603.9 |      4.76465 (15122224)      5.72029 (15122224)      7.28150
(15122224)     10.56304 (15122224)     20.90231 (15122224)
 3776553.9 |      4.14148 (15122224)      4.85787 (15122224)      5.95075
(15122224)      8.02633 (15122224)     13.38027 (15122224)
 3776503.9 |      3.68500 (15122224)      4.26091 (15122224)      5.04888
(15122224)      6.42284 (15122224)      8.99332 (15122224)
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                         ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***       23:38:06

                                   PAGE 216
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
                C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

                                   *** NETWORK ID: UCART4   ;  NETWORK TYPE:
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GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471914.52
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776653.9 |     15.24879 (16011524)
 3776603.9 |     28.06415 (16121124)
 3776553.9 |     29.04393 (15122224)
 3776503.9 |     15.14341 (15122224)
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE 217
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
                C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

                                   *** NETWORK ID: UCART5   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471554.26              471604.26              471654.26
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776759.2 |      6.11439 (15122224)      7.75435 (15122224)     10.81018
(15122224)
 3776709.2 |      4.87758 (15122224)      5.80706 (15122224)      7.25870
(15122224)
```

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 3776659.2 |      4.10737 (15122224)      4.73978 (15122224)      5.62439
(15122224)
 3776609.2 |      3.58497 (15122224)      4.05326 (15122224)      4.68668
(15122224)
 3776559.2 |      3.19745 (15122224)      3.57053 (15122224)      4.07117
(15122224)
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        23:38:06

                                  PAGE 218
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
                C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

                                  *** NETWORK ID: UCART6   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471343.73              471393.73              471443.73
       471493.73              471543.73
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776922.8 |      5.97391 (15122224)      7.58017 (15122224)     10.52945
(15122224)     18.13323 (15122224)     25.35845 (15122224)
 3776872.8 |      4.76150 (15122224)      5.67895 (15122224)      7.08379
(15122224)      9.67525 (15122224)     15.42616 (15122224)
 3776822.8 |      3.97938 (15122224)      4.58631 (15122224)      5.41586
(15122224)      6.71034 (15122224)      8.84764 (15122224)
 3776772.8 |      3.42612 (15122224)      3.86374 (15122224)      4.42589
(15122224)      5.18722 (15122224)      6.30685 (15122224)
 3776722.8 |      3.02132 (11121924)      3.34693 (15122224)      3.75914
(15122224)      4.28346 (15122224)      4.97944 (15122224)
 3776672.8 |      2.81868 (11121924)      2.99138 (11121924)      3.28194
```

```
(15122224)      3.66960 (15122224)      4.16577 (15122224)
 3776622.8 |      2.62447 (11121924)      2.77961 (11121924)      2.97863
(11121924)      3.23365 (15122224)      3.61917 (15122224)
 3776572.8 |      2.48045 (11121924)      2.60706 (11121924)      2.80820
(11121924)      2.93396 (11121924)      3.22091 (15122224)
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE 219
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
                C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

                                   *** NETWORK ID: UCART7   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       471137.27              471187.27              471237.27
       471287.27              471337.27
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3777005.9 |      4.20241 (15122224)      4.90872 (15122224)      5.90229
(15122224)      7.46857 (15122224)     10.29249 (15122224)
 3776955.9 |      3.55775 (15122224)      4.06026 (15122224)      4.71709
(15122224)      5.62776 (15122224)      6.99836 (15122224)
 3776905.9 |      3.17833 (11121924)      3.46039 (11121924)      3.93286
(15122224)      4.53960 (15122224)      5.36545 (15122224)
 3776855.9 |      2.91907 (11121924)      3.12136 (11121924)      3.37694
(15122224)      3.81844 (15122224)      4.37940 (15122224)
 3776805.9 |      2.71445 (11121924)      2.87100 (11121924)      3.02228
(11121924)      3.30015 (15122224)      3.71233 (15122224)
 3776755.9 |      2.55968 (11121924)      2.64765 (11121924)      2.78429
(11121924)      2.96699 (11121924)      3.22877 (15122224)
```

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3038437 , C3038438 , C3038439 , C3038440 , C3038441 ,
C3038442 , C3038443 , C3038444 , C3038445 , C3038446 , C3038447 , C3038448 , C3038449 ,
C3038450 , C3038451 , C3038452 , C3038453 , C3038454 , C3038455 , C3038456 , C3038457 ,
C3038458 , C3038459 , C3038460 , C3038461 , C3038462 , C3038463 , C3038464 , . . . ,

*** NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 471025.84	471075.84	471125.84	471175.84	471225.84
3777113.8	4.49303 (15122224)	5.33491 (15122224)	6.54159 (15122224)	8.57692 (15122224)	12.70274 (15122224)
3777063.8	3.75069 (15122224)	4.33277 (15122224)	5.09663 (15122224)	6.19147 (15122224)	7.93926 (15122224)
3777013.8	3.30287 (11121924)	3.64272 (15122224)	4.18157 (15122224)	4.88346 (15122224)	5.86678 (15122224)

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3038437 , C3038438

```
 , C3038439    , C3038440    , C3038441    ,
                C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

                                   *** NETWORK ID: UCART8   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       471275.84
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3777113.8 |     26.32766 (15122224)
 3777063.8 |     11.28889 (15122224)
 3777013.8 |      7.40201 (15122224)
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        23:38:06

                                   PAGE 222
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
                C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

                                   *** NETWORK ID: UCART9   ;  NETWORK TYPE:
GRIDCART ***

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

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

```
  (METERS) |       471071.36               471121.36               471171.36
       471221.36
 - - -
```

```
 3777102.6 |      2.10195 (11121924)      2.19463 (11121924)      2.34942
(11121924)      2.51192 (11121924)      2.68884 (11121924)
 3777052.6 |      2.02548 (11121924)      2.11315 (11121924)      2.26095
(11121924)      2.39423 (11121924)      2.53227 (11121924)
```



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

*** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
                C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

*** NETWORK ID: UCART10  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       470856.55              470906.55              470956.55
       471006.55              471056.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777252.6 |      4.41762 (15122224)      5.38427 (15122224)      6.84123
(15122224)      9.23386 (15122224)     13.97658 (15122224)
 3777202.6 |      3.67700 (15122224)      4.30537 (15122224)      5.14380
(15122224)      6.34851 (15122224)      8.28752 (15122224)
 3777152.6 |      3.22416 (11121924)      3.60990 (15122224)      4.18799
(15122224)      4.94547 (15122224)      6.00661 (15122224)
 3777102.6 |      2.92507 (11121924)      3.19601 (11121924)      3.52741
(15122224)      4.06181 (15122224)      4.75125 (15122224)
 3777052.6 |      2.71261 (11121924)      2.92465 (11121924)      3.17385
(11121924)      3.45130 (11121924)      3.93365 (15122224)
```

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3038437 , C3038438 , C3038439 , C3038440 , C3038441 ,
C3038442 , C3038443 , C3038444 , C3038445 , C3038446 , C3038447 , C3038448 , C3038449 ,
C3038450 , C3038451 , C3038452 , C3038453 , C3038454 , C3038455 , C3038456 , C3038457 ,
C3038458 , C3038459 , C3038460 , C3038461 , C3038462 , C3038463 , C3038464 , . . . ,

*** NETWORK ID: UCART11 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 470269.99	470319.99	470369.99	470419.99
3777554.4	1.74897 (11121924)	1.87136 (11121924)	2.05667 (11121924)	2.27791 (11121924)
3777504.4	1.73254 (11121924)	1.86073 (11121924)	2.01440 (11121924)	2.21454 (11121924)
3777454.4	1.70471 (11121924)	1.83469 (11121924)	1.96439 (11121924)	2.13530 (11121924)
3777404.4	1.67862 (11121924)	1.78111 (11121924)	1.90505 (11121924)	2.05266 (11121924)
3777354.4	1.63553 (11121924)	1.73608 (11121924)	1.84576 (11121924)	1.97478 (11121924)
3777304.4	1.60828 (11121924)	1.69924 (11121924)	1.79557 (11121924)	1.91052 (11121924)

```
                                *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                   INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
                C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

                                  *** NETWORK ID: UCART12  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       468710.70               468760.70               468810.70
       468860.70               468910.70
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3779663.0 |      0.90351 (15122224)      1.07506 (15122224)      1.33932
(15122224)      1.76360 (15122224)      2.48105 (15122224)
 3779613.0 |      0.87693 (15122224)      1.01933 (15122224)      1.22710
(15122224)      1.53637 (15122224)      2.16498 (12122924)
 3779563.0 |      0.83982 (15122224)      0.95194 (15122224)      1.10738
(15122224)      1.45567 (12122924)      1.91392 (12122924)
 3779513.0 |      0.79975 (15122224)      0.88456 (15122224)      1.05777
(12122924)      1.34371 (12122924)      1.67012 (12122924)
 3779463.0 |      0.76195 (15122224)      0.82413 (15122224)      0.99668
(12122924)      1.20845 (12122924)      1.42540 (12122924)
 3779413.0 |      0.73495m(16123124)      0.77694 (12122924)      0.91812
(12122924)      1.06163 (12122924)      1.19158 (12122924)
 3779363.0 |      0.74657m(16123124)      0.75976m(16123124)      0.82927
(12122924)      0.91767 (12122924)      0.98136 (12122924)
 3779313.0 |      0.76809m(16123124)      0.76883m(16123124)
0.77713m(16123124)      0.79491m(16123124)      0.86261 (15011024)
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***       23:38:06

                                  PAGE 227
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
```

```
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
                C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

                                 *** NETWORK ID: UCART12  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       468960.70              469010.70              469060.70
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3779663.0 |      3.77860 (15122224)      6.41950 (15122224)     13.96427
(15122224)
 3779613.0 |      2.97976 (12122924)      4.11700m(11010224)      6.94915
(15122224)
 3779563.0 |      2.45934 (12122924)      3.11108 (12122924)      4.03447
(12122924)
 3779513.0 |      2.01031 (12122924)      2.34890 (12122924)      2.62740
(12122924)
 3779463.0 |      1.60779 (12122924)      1.71370 (12122924)      1.66528
(12122924)
 3779413.0 |      1.26533 (12122924)      1.23840 (12122924)      1.22593
(15011024)
 3779363.0 |      1.00350 (15011024)      1.05318 (15011024)      1.07271
(15011024)
 3779313.0 |      0.92276 (15011024)      0.96327 (15011024)      0.97575
(15011024)
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE 228
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                INCLUDING SOURCE(S):     C3038437    , C3038438
```

```
 , C3038439    , C3038440    , C3038441    ,
                C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

                                   *** NETWORK ID: UCART13  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471075.86               471125.86               471175.86
       471225.86               471275.86
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777911.5 |      2.02549 (16112724)      2.03166 (16010624)      2.05309
(16010624)      2.06657 (16010624)      2.08357 (16010624)
 3777861.5 |      2.20475 (16112724)      2.11661 (16010624)      2.13969
(16010624)      2.15886 (16010624)      2.17281 (16010624)
 3777811.5 |      2.39848 (16112724)      2.26748 (16112724)      2.23513
(16010624)      2.25389 (16010624)      2.26837 (16010624)
 3777761.5 |      2.60898 (16112724)      2.46702 (16112724)      2.33134
(16010624)      2.34870 (16010624)      2.35323 (16010624)
 3777711.5 |      2.84172 (16112724)      2.67743 (16112724)      2.51775
(16112724)      2.41903 (16010624)      2.43075 (16010624)
 3777661.5 |      3.10978 (16112724)      2.91823 (16112724)      2.73696
(16112724)      2.56417 (16112724)      2.52219 (16010624)
 3777611.5 |      3.42124 (16112724)      3.19396 (16112724)      2.98566
(16112724)      2.79128 (16112724)      2.60418 (16010624)
 3777561.5 |      3.81538 (16102724)      3.51535 (16112724)      3.27145
(16112724)      3.05316 (16112724)      2.84376 (16112724)
 3777511.5 |      4.71365m(16123124)      3.89573 (16102724)      3.58819
(16112724)      3.33922 (16112724)      3.10858 (16112724)
 3777461.5 |      6.00684m(16123124)      4.87212m(16123124)
4.02268m(16123124)      3.68140 (16112724)      3.41067 (16112724)
 3777411.5 |      8.02904m(16123124)      6.25049m(16123124)
5.05344m(16123124)      4.16511m(16123124)      3.75533 (16112724)
 3777361.5 |     11.78894m(16123124)      8.44796m(16123124)
6.51374m(16123124)      5.31595m(16123124)      4.33357m(16123124)
```

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

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
                C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

                                  *** NETWORK ID: UCART13  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471325.86              471375.86              471425.86
       471475.86              471525.86
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -

 3777911.5 |      2.10425 (16010624)      2.10681 (16010624)      2.09316
(16010624)      2.03998 (16010624)      1.96579 (16010624)
 3777861.5 |      2.17835 (16010624)      2.17606 (16010624)      2.16742
(16010624)      2.11737 (16010624)      2.06042 (16010624)
 3777811.5 |      2.26561 (16010624)      2.25554 (16010624)      2.23375
(16010624)      2.20002 (16010624)      2.14939 (16010624)
 3777761.5 |      2.35519 (16010624)      2.33776 (16010624)      2.31681
(16010624)      2.28887 (16010624)      2.23407 (16010624)
 3777711.5 |      2.44094 (16010624)      2.41463 (16010624)      2.40938
(16010624)      2.36997 (16010624)      2.31633 (16010624)
 3777661.5 |      2.52759 (16010624)      2.50395 (16010624)      2.47782
(16010624)      2.45390 (16010624)      2.41201 (16010624)
 3777611.5 |      2.61265 (16010624)      2.59301 (16010624)      2.55418
(16010624)      2.53691 (16010624)      2.49715 (16010624)
 3777561.5 |      2.69937 (16010624)      2.66751 (16010624)      2.64305
(16010624)      2.60724 (16010624)      2.57319 (16010624)
 3777511.5 |      2.88520 (16112724)      2.73056 (16010624)      2.73493
(16010624)      2.73191 (16010624)      2.68154 (16010624)
 3777461.5 |      3.16483 (16112724)      2.90466 (16112724)      2.81200
(16010624)      2.85146 (16010624)      2.78567 (16010624)
 3777411.5 |      3.46914 (16112724)      3.18690 (16112724)      2.91324
```

(16112724) 2.89373 (16010624) 2.87190 (16010624)
3777361.5 | 3.82040 (16112724) 3.51468 (16112724) 3.19943
(16112724) 2.99865 (16010624) 2.98713 (16010624)
*** AERMOD - VERSION 19191 *** *** Ono Construction PM10
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 23:38:06

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3038437 , C3038438
, C3038439 , C3038440 , C3038441 ,
C3038442 , C3038443 , C3038444 , C3038445 , C3038446
, C3038447 , C3038448 , C3038449 ,
C3038450 , C3038451 , C3038452 , C3038453 , C3038454
, C3038455 , C3038456 , C3038457 ,
C3038458 , C3038459 , C3038460 , C3038461 , C3038462
, C3038463 , C3038464 , . . . ,

*** NETWORK ID: UCART14 ; NETWORK TYPE:
GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 472114.69 472164.69 472214.69
472264.69 472314.69
- -
- -

3777124.5 | 2.31322 (13120724) 2.03005 (13120724) 1.98924
(13120724) 1.91419 (13120724) 1.83046 (13120724)
3777074.5 | 2.40958 (13120724) 2.16244 (13120724) 2.08146
(13120724) 1.98360 (13120724) 1.89095 (13120724)
3777024.5 | 2.53162 (13120724) 2.28853 (13120724) 2.18154
(13120724) 2.04702 (13120724) 1.93662 (13120724)
3776974.5 | 2.56808 (13120724) 2.34561 (13120724) 2.24512
(13120724) 2.08748 (13120724) 1.96955 (13120724)
3776924.5 | 2.63446 (13120724) 2.38704 (13120724) 2.28566
(13120724) 2.15547 (13120724) 2.02509 (13120724)
3776874.5 | 2.69479 (13120724) 2.30085 (13120724) 2.16584
(13120724) 2.02068 (13120724) 1.93886 (13120724)
3776824.5 | 2.78731 (13120724) 2.42914 (13120724) 2.23558
(13120724) 2.06252 (13120724) 1.92223 (13120724)

```
 3776774.5 |      2.91697 (13120724)      2.58420 (13120724)      2.33901
(13120724)      2.14829 (13120724)      1.98548 (13120724)
 3776724.5 |      3.17265 (13120724)      2.76517 (13120724)      2.45391
(13120724)      2.21716 (13120724)      2.05549 (13120724)
 3776674.5 |      3.54533 (16011524)      2.96673 (16011524)      2.56656
(13120724)      2.27828 (13120724)      2.05887 (13120724)
 3776624.5 |      4.00359 (16011524)      3.27541 (16011524)      2.75763
(16011524)      2.37567 (16011524)      2.12987 (13120724)
 3776574.5 |      4.53008 (16011524)      3.60629 (16011524)      2.98228
(16011524)      2.53562 (16011524)      2.19975 (16011524)
 3776524.5 |      5.11037 (16011524)      3.95547 (16011524)      3.21301
(16011524)      2.69520 (16011524)      2.31627 (16011524)
 3776474.5 |      5.74113 (16011524)      4.31555 (16011524)      3.43820
(16011524)      2.84766 (16011524)      2.42617 (16011524)
 3776424.5 |      6.43753 (16011524)      4.66935 (16011524)      3.64942
(16011524)      2.98749 (16011524)      2.52502 (16011524)
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        23:38:06

                                   PAGE 231
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
                C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

                                   *** NETWORK ID: UCART14  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       472364.69              472414.69              472464.69
       472514.69              472564.69
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777124.5 |      1.72744 (13120724)      1.61799 (13120724)      1.50054
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```
(13120724)      1.38737 (13120724)      1.28195 (13120724)
 3777074.5 |      1.77462 (13120724)      1.65436 (13120724)      1.52981
(13120724)      1.41134 (13120724)      1.30048 (13120724)
 3777024.5 |      1.81365 (13120724)      1.69151 (13120724)      1.55559
(13120724)      1.43001 (13120724)      1.33707 (12120224)
 3776974.5 |      1.85940 (13120724)      1.71960 (13120724)      1.57553
(13120724)      1.43025 (13120724)      1.32164 (13120724)
 3776924.5 |      1.88373 (13120724)      1.74719 (13120724)      1.59061
(13120724)      1.39720 (13120724)      1.31028 (13120724)
 3776874.5 |      1.79709 (13120724)      1.70903 (13120724)      1.54044
(13120724)      1.40837 (13120724)      1.31870 (13120724)
 3776824.5 |      1.79060 (13120724)      1.67722 (13120724)      1.53957
(13120724)      1.41070 (13120724)      1.31900 (13120724)
 3776774.5 |      1.83800 (13120724)      1.69836 (13120724)      1.56884
(13120724)      1.44383 (13120724)      1.34081 (13120724)
 3776724.5 |      1.89532 (13120724)      1.74184 (13120724)      1.59404
(13120724)      1.47265 (13120724)      1.36332 (13120724)
 3776674.5 |      1.86596 (13120724)      1.70228 (13120724)      1.56096
(13120724)      1.48574 (13120724)      1.37297 (13120724)
 3776624.5 |      1.91185 (13120724)      1.73716 (13120724)      1.58783
(13120724)      1.47423 (13120724)      1.36217 (13120724)
 3776574.5 |      1.95246 (13120724)      1.76942m(13112024)
1.62042m(13112024)      1.49990 (13120724)      1.38312 (13120724)
 3776524.5 |      2.02977 (16011524)      1.82901m(13112024)
1.66909m(13112024)      1.53458m(13112024)      1.41927m(13112024)
 3776474.5 |      2.11269 (16011524)      1.87924m(13112024)
1.71062m(13112024)      1.56799m(13112024)      1.44854m(13112024)
 3776424.5 |      2.18782 (16011524)      1.93229 (16011524)
1.74348m(13112024)      1.59478m(13112024)      1.47012m(13112024)
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        23:38:06

                                  PAGE 232
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
                C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,
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                                    *** NETWORK ID: UCART15  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       472138.17              472188.17              472238.17
       472288.17              472338.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3775714.7 |      7.77704 (16011524)      5.29800 (16011524)      4.02875
(16011524)      3.26499c(12121724)      2.75756c(12121724)
 3775664.7 |      7.58608 (16011524)      5.20234 (16011524)      3.98453
(16011524)      3.25872c(12121724)      2.75671c(12121724)
 3775614.7 |      7.16186 (16011524)      5.07164 (16011524)      3.93407
(16011524)      3.23676c(12121724)      2.74621c(12121724)
 3775564.7 |      6.82883 (16011524)      4.96287 (16011524)      3.89071
(16011524)      3.21226c(12121724)      2.73535c(12121724)
 3775514.7 |      6.70036 (16011524)      4.90536 (16011524)      3.86523
(16011524)      3.20416c(12121724)      2.72847c(12121724)
 3775464.7 |      6.69833 (16011524)      4.90026 (16011524)
3.87419c(12121724)      3.20964c(12121724)      2.73593c(12121724)
 3775414.7 |      6.77501 (16011524)      4.93233 (16011524)
3.88176c(12121724)      3.21413c(12121724)      2.73424c(12121724)
 3775364.7 |      6.87639 (16011524)      4.98452 (16011524)      3.89392
(16011524)      3.20390c(12121724)      2.72323c(12121724)
 3775314.7 |      7.04592 (16011524)      5.04791 (16011524)      3.91495
(16011524)      3.19602c(12121724)      2.71534c(12121724)
 3775264.7 |      7.28921 (16011524)      5.09684 (16011524)      3.92280
(16011524)      3.18763c(12121724)      2.70172c(12121724)
 3775214.7 |      7.37495 (16011524)      5.10852 (16011524)      3.91802
(16011524)      3.17458 (16011524)      2.68337c(12121724)
 3775164.7 |      7.26250 (16011524)      5.07213 (16011524)      3.89435
(16011524)      3.15359 (16011524)      2.65397c(12121724)
 3775114.7 |      7.10773 (16011524)      5.00917 (16011524)      3.85670
(16011524)      3.12382 (16011524)      2.62100c(12121724)
 3775064.7 |      6.99590 (16011524)      4.95284 (16011524)      3.81366
(16011524)      3.08600 (16011524)      2.58707c(12121724)
 3775014.7 |      6.95835 (16011524)      4.90662 (16011524)      3.76930
(16011524)      3.04482 (16011524)      2.55340c(12121724)
 3774964.7 |      6.84746 (16011524)      4.84333 (16011524)      3.72116
(16011524)      2.99739 (16011524)      2.51866c(12121724)
 3774914.7 |      6.75546 (16011524)      4.78933 (16011524)      3.66714
(16011524)      2.94193 (16011524)      2.48220c(12121724)
 3774864.7 |      6.70257 (16011524)      4.72718 (16011524)      3.60139
(16011524)      2.89323c(12121724)      2.44119c(12121724)
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```
 3774814.7 |      6.63674 (16011524)      4.64289 (16011524)      3.51938
(16011524)      2.84038c(12121724)      2.39533c(12121724)
 3774764.7 |      6.48012 (16011524)      4.53615 (16011524)      3.41605
(16011524)      2.77520c(12121724)      2.34068c(12121724)
 3774714.7 |      6.33689 (16011524)      4.39304 (16011524)
3.29549c(12121724)      2.68939c(12121724)      2.26934c(12121724)
 3774664.7 |      6.18880 (16011524)      4.19693 (16011524)
3.17172c(12121724)      2.58826c(12121724)      2.18668c(12121724)
 3774614.7 |      5.84811 (16011524)      3.91997 (16011524)
3.02695c(12121724)      2.47275c(12121724)      2.09228c(12121724)
 3774564.7 |      5.28528 (16011524)      3.66692c(12121724)
2.85025c(12121724)      2.33895c(12121724)      1.98630c(12121724)
 3774514.7 |      4.67359c(12121724)      3.37031c(12121724)
2.64255c(12121724)      2.18250c(12121724)      1.86299c(12121724)
 3774464.7 |      4.13888c(12121724)      3.01695c(12121724)
2.39135c(12121724)      1.99586c(12121724)      1.71864c(12121724)
 3774414.7 |      3.27238c(12121724)      2.52873c(12121724)
2.07873c(12121724)      1.77583c(12121724)      1.55519c(12121724)
 3774364.7 |      2.48334c(12121724)      2.06647c(12121724)
1.77512c(12121724)      1.56079c(12121724)      1.39455c(12121724)
 3774314.7 |      2.03176m(15010924)      1.75802m(15010924)
1.54806m(15010924)      1.38419c(12121724)      1.25644c(12121724)
 3774264.7 |      1.79791m(11013124)      1.56728m(11013124)
1.38417m(15010924)      1.25458m(15010924)      1.14534c(12121724)
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE 233
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
                C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

                                   *** NETWORK ID: UCART16  ;  NETWORK TYPE:
GRIDCART ***

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

```
  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       472255.22              472305.22              472355.22
       472405.22              472455.22
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3776236.9 |      3.44996 (16011524)      2.86546 (16011524)      2.45378
(16011524)      2.14706 (16011524)      1.91078 (16011524)
 3776186.9 |      3.49669 (16011524)      2.90627 (16011524)      2.48880
(16011524)      2.17674 (16011524)      1.93555 (16011524)
 3776136.9 |      3.54028 (16011524)      2.94196 (16011524)      2.51791
(16011524)      2.20041 (16011524)      1.95571 (16011524)
 3776086.9 |      3.58600 (16011524)      2.97517 (16011524)      2.54267
(16011524)      2.22062 (16011524)      1.97199 (16011524)
 3776036.9 |      3.63445 (16011524)      3.00606 (16011524)      2.56426
(16011524)      2.23639 (16011524)      1.98427 (16011524)
 3775986.9 |      3.68098 (16011524)      3.03396 (16011524)      2.58261
(16011524)      2.24935 (16011524)      1.99281 (16011524)
 3775936.9 |      3.71879 (16011524)      3.05717 (16011524)      2.59712
(16011524)      2.25943 (16011524)      1.99985 (16011524)
 3775886.9 |      3.74408 (16011524)      3.07242 (16011524)      2.60691
(16011524)      2.26465 (16011524)      2.00598 (16011524)
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***       23:38:06

                                  PAGE 234
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
               C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
               C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
               C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

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

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **
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```
  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471773.42               471823.42               471873.42
       471923.42               471973.42
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776102.4 |      3.27241 (15122224)      3.90870 (15122224)      4.94866
(15122224)      6.89442 (15122224)     11.90667 (15122224)
 3776052.4 |      3.22794 (15122224)      3.85468 (15122224)      4.87205
(15122224)      6.78643 (15122224)     11.75440 (15122224)
 3776002.4 |      3.18791 (15122224)      3.79492 (15122224)      4.76120
(15122224)      6.50157 (15122224)     10.45450 (15122224)
 3775952.4 |      3.15408 (15122224)      3.74805 (15122224)      4.66371
(15122224)      6.25770 (15122224)      9.65749 (15122224)
 3775902.4 |      3.11904 (15122224)      3.70629 (15122224)      4.60006
(15122224)      6.12558 (15122224)      9.43736 (15122224)
 3775852.4 |      3.10526 (15122224)      3.68400 (15122224)      4.57100
(15122224)      6.08054 (15122224)      9.34817 (15122224)
 3775802.4 |      3.09917 (15122224)      3.68442 (15122224)      4.56857
(15122224)      6.07379 (15122224)      9.32474 (15122224)
 3775752.4 |      3.11470 (15122224)      3.70156 (15122224)      4.59801
(15122224)      6.11594 (15122224)      9.36444 (15122224)
 3775702.4 |      3.13600 (15122224)      3.74131 (15122224)      4.67048
(15122224)      6.24628 (15122224)      9.55335 (15122224)
 3775652.4 |      3.17267 (15122224)      3.79148 (15122224)      4.72390
(15122224)      6.26212 (15122224)      9.50558 (11121924)
 3775602.4 |      3.21721 (15122224)      3.88884 (15122224)      4.96133
(15122224)      6.93924 (15122224)     12.07097 (15122224)
 3775552.4 |      3.26652 (15122224)      3.97999 (15122224)      5.14772
(15122224)      7.31713 (15122224)     12.94510 (15122224)
 3775502.4 |      3.30587 (15122224)      4.06466 (15122224)      5.32160
(15122224)      7.70988 (15122224)     13.70635 (15122224)
 3775452.4 |      3.33179 (15122224)      4.13169 (15122224)      5.50236
(15122224)      8.34471 (15122224)     17.65246 (15122224)
 3775402.4 |      3.32841 (15122224)      4.12738 (15122224)      5.48746
(15122224)      8.36108 (15122224)     18.23353 (15122224)
 3775352.4 |      3.29425 (15122224)      4.05426 (15122224)      5.30103
(15122224)      7.64064 (15122224)     13.16815 (15122224)
 3775302.4 |      3.24151 (15122224)      3.96043 (15122224)      5.11247
(15122224)      7.20436 (15122224)     12.42505 (15122224)
 3775252.4 |      3.19736 (15122224)      3.88445 (15122224)      4.94658
(15122224)      6.84953 (15122224)     11.34409 (15122224)
 3775202.4 |      3.14995 (15122224)      3.81895 (15122224)      4.82627
(15122224)      6.55078 (15122224)     10.27019 (15122224)
 3775152.4 |      3.12238 (15122224)      3.77456 (15122224)      4.74789
(15122224)      6.43453 (15122224)     10.17343 (15122224)
 3775102.4 |      3.10497 (15122224)      3.74708 (15122224)      4.72628
(15122224)      6.44241 (15122224)     10.37530 (15122224)
```

```
 3775052.4 |      3.09347 (15122224)      3.75353 (15122224)      4.74860
(15122224)      6.49488 (15122224)     10.63367 (15122224)
 3775002.4 |      3.08772 (15122224)      3.76579 (15122224)      4.79000
(15122224)      6.60733 (15122224)     10.82175 (15122224)
 3774952.4 |      3.10307 (15122224)      3.79439 (15122224)      4.87522
(15122224)      6.81454 (15122224)     11.30779 (15122224)
 3774902.4 |      3.10504 (15122224)      3.83248 (15122224)      4.99225
(15122224)      7.16417 (15122224)     12.91392 (15122224)
 3774852.4 |      3.09982 (15122224)      3.86052 (15122224)      5.08436
(15122224)      7.42813 (15122224)     14.01426 (15122224)
 3774802.4 |      3.08212 (15122224)      3.86218 (15122224)      5.14885
(15122224)      7.60699 (15122224)     13.48307 (15122224)
 3774752.4 |      3.09041 (12122924)      3.82431 (15122224)      5.17420
(15122224)      7.99966 (15122224)     18.24164 (15122224)
 3774702.4 |      3.09643 (12122924)      3.81315 (12122924)      5.02667
(15122224)      7.70245 (15122224)     16.19039 (15122224)
 3774652.4 |      3.08775 (12122924)      3.82477 (12122924)      5.00697
(12122924)      7.02395 (12122924)     12.00048 (15122224)
 3774602.4 |      3.04363 (12122924)      3.73533 (12122924)      4.80837
(12122924)      6.59453 (15122224)     11.47186 (15122224)
 3774552.4 |      2.97016 (12122924)      3.59036 (12122924)      4.54355
(12122924)      6.57802 (15122224)     13.82905 (15122224)
 3774502.4 |      2.88426 (12122924)      3.45333 (12122924)      4.35374
(12122924)      6.18520 (12122924)     14.21972 (15122224)
 3774452.4 |      2.79307 (12122924)      3.32659 (12122924)      4.18200
(12122924)      5.74480 (12122924)      8.96695 (11121224)
 3774402.4 |      2.67176 (12122924)      3.13996 (12122924)      3.81125
(12122924)      4.79655 (12122924)      6.23660 (12122924)
 3774352.4 |      2.50752 (12122924)      2.85702 (12122924)      3.27710
(12122924)      3.68546 (12122924)      3.74371 (12122924)
 3774302.4 |      2.29267 (12122924)      2.50638 (12122924)      2.68613
(12122924)      2.71418 (12122924)      2.83626m(11122824)
 3774252.4 |      2.05315 (12122924)      2.14782 (12122924)      2.18023
(12122924)      2.18593m(11122824)      2.31797m(11122824)
 3774202.4 |      1.80995 (12122924)      1.82793 (12122924)      1.77951
(12122924)      1.91804m(11122824)      1.97234m(11122824)
 3774152.4 |      1.59059 (12122924)      1.55549 (12122924)
1.59620m(11122824)      1.68956m(11122824)      1.69619m(11122824)
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        23:38:06

                                  PAGE 235
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
```

BNSF Ono_Con_PM10.ADO
INCLUDING SOURCE(S): C3038437 , C3038438
, C3038439 , C3038440 , C3038441 ,
C3038442 , C3038443 , C3038444 , C3038445 , C3038446
, C3038447 , C3038448 , C3038449 ,
C3038450 , C3038451 , C3038452 , C3038453 , C3038454
, C3038455 , C3038456 , C3038457 ,
C3038458 , C3038459 , C3038460 , C3038461 , C3038462
, C3038463 , C3038464 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 472023.42
3776102.4	25.04915 (15122224)
3776052.4	26.36354 (15122224)
3776002.4	25.92136 (15122224)
3775952.4	23.10457 (15122224)
3775902.4	22.90995 (15122224)
3775852.4	22.74525 (15122224)
3775802.4	22.41277 (15122224)
3775752.4	22.21885 (15122224)
3775702.4	22.10637 (15122224)
3775652.4	23.56853 (15122224)
3775602.4	20.54065 (16121124)
3775552.4	25.24001 (15122224)
3775502.4	25.32775 (16121124)
3775452.4	24.82566 (16121124)
3775402.4	23.91095 (16121124)
3775352.4	25.57845 (15122224)
3775302.4	25.56040 (15122224)
3775252.4	33.70697 (15122224)
3775202.4	25.77836 (15122224)
3775152.4	28.05202 (15122224)
3775102.4	31.28361 (15122224)
3775052.4	34.27371 (15122224)
3775002.4	28.36772 (15122224)
3774952.4	29.51535 (15122224)
3774902.4	27.77182 (15122224)
3774852.4	27.02248 (15122224)
3774802.4	26.44829 (15122224)
3774752.4	34.48692 (15122224)

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 3774702.4 |     30.25361 (15122224)
 3774652.4 |     30.71618 (15122224)
 3774602.4 |     29.77564 (15122224)
 3774552.4 |     29.03713 (15122224)
 3774502.4 |     30.94406 (15122224)
 3774452.4 |     19.06099 (15122224)
 3774402.4 |      8.37972 (16012724)
 3774352.4 |      4.01157m(11122824)
 3774302.4 |      2.81956m(11122824)
 3774252.4 |      2.22049m(11122824)
 3774202.4 |      1.85091m(11122824)
 3774152.4 |      1.59733m(11122824)
```



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*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
                C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

                                  *** NETWORK ID: UCART2   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471764.54              471814.54              471864.54
       471914.54              471964.54
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776302.8 |      3.54523 (15122224)      4.18884 (15122224)      5.21674
(15122224)      7.00440 (15122224)     11.03251 (15122224)
 3776252.8 |      3.40639 (15122224)      4.02688 (15122224)      4.96661
(15122224)      6.58788 (15122224)     10.11102 (15122224)
 3776202.8 |      3.30558 (15122224)      3.90853 (15122224)      4.83003
```

```
(15122224)      6.42475 (15122224)      9.92766 (15122224)
 3776152.8 |      3.23733 (15122224)      3.83661 (15122224)      4.76459
(15122224)      6.42838 (15122224)     10.25678 (15122224)
 3776102.8 |      3.18315 (15122224)      3.77382 (15122224)      4.72114
(15122224)      6.43166 (15122224)     10.50420 (15122224)
```

```
                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
                C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

                                   *** NETWORK ID: UCART2   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       472014.54
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776302.8 |     30.98838 (15122224)
 3776252.8 |     25.55099 (15122224)
 3776202.8 |     24.58089 (15122224)
 3776152.8 |     30.73883 (15122224)
 3776102.8 |     33.65726 (15122224)
```

```
                                *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
                C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

                                   *** NETWORK ID: UCART3   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471756.60              471806.60              471856.60
       471906.60              471956.60
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776504.7 |      4.91633 (15122224)      6.16312 (15122224)      8.49216
(15122224)     13.67033 (15122224)     25.39853 (15122224)
 3776454.7 |      4.31466 (15122224)      5.26511 (15122224)      6.83088
(15122224)     10.00599 (15122224)     21.05697 (15122224)
 3776404.7 |      3.93092 (15122224)      4.70986 (15122224)      5.93811
(15122224)      8.13387 (15122224)     15.34252 (15122224)
 3776354.7 |      3.66483 (15122224)      4.33435 (15122224)      5.41701
(15122224)      7.36160 (15122224)     12.07906 (15122224)
 3776304.7 |      3.47107 (15122224)      4.07466 (15122224)      5.03266
(15122224)      6.65419 (15122224)     10.12918 (15122224)
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        23:38:06

                                   PAGE 239
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
                C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
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 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

                                  *** NETWORK ID: UCART3   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       472006.60
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3776504.7 |     14.18570 (16011524)
 3776454.7 |     21.09420 (16011524)
 3776404.7 |     31.43538 (15122224)
 3776354.7 |     34.93747 (15122224)
 3776304.7 |     24.07595 (15122224)
```



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                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
                C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

                                  *** NETWORK ID: UCART4   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       471664.52              471714.52              471764.52
       471814.52              471864.52
```

- - - -

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): C3038437 , C3038438 , C3038439 , C3038440 , C3038441 ,
C3038442 , C3038443 , C3038444 , C3038445 , C3038446 , C3038447 , C3038448 , C3038449 ,
C3038450 , C3038451 , C3038452 , C3038453 , C3038454 , C3038455 , C3038456 , C3038457 ,
C3038458 , C3038459 , C3038460 , C3038461 , C3038462 , C3038463 , C3038464 , . . . ,

*** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 471554.26	471604.26	471654.26
3776759.2	6.11439 (15122224)	7.75435 (15122224)	10.81018 (15122224)
3776709.2	4.87758 (15122224)	5.80706 (15122224)	7.25870 (15122224)
3776659.2	4.10737 (15122224)	4.73978 (15122224)	5.62439 (15122224)
3776609.2	3.58497 (15122224)	4.05326 (15122224)	4.68668 (15122224)
3776559.2	3.19745 (15122224)	3.57053 (15122224)	4.07117 (15122224)

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): C3038437 , C3038438

```
 , C3038439    , C3038440    , C3038441    ,
                C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

                                   *** NETWORK ID: UCART6   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471343.73               471393.73               471443.73
       471493.73               471543.73
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776922.8 |      5.97391 (15122224)      7.58017 (15122224)     10.52945
(15122224)     18.13323 (15122224)     25.35845 (15122224)
 3776872.8 |      4.76150 (15122224)      5.67895 (15122224)      7.08379
(15122224)      9.67525 (15122224)     15.42616 (15122224)
 3776822.8 |      3.97938 (15122224)      4.58631 (15122224)      5.41586
(15122224)      6.71034 (15122224)      8.84764 (15122224)
 3776772.8 |      3.42612 (15122224)      3.86374 (15122224)      4.42589
(15122224)      5.18722 (15122224)      6.30685 (15122224)
 3776722.8 |      3.02132 (11121924)      3.34693 (15122224)      3.75914
(15122224)      4.28346 (15122224)      4.97944 (15122224)
 3776672.8 |      2.81868 (11121924)      2.99138 (11121924)      3.28194
(15122224)      3.66960 (15122224)      4.16577 (15122224)
 3776622.8 |      2.62447 (11121924)      2.77961 (11121924)      2.97863
(11121924)      3.23365 (15122224)      3.61917 (15122224)
 3776572.8 |      2.48045 (11121924)      2.60706 (11121924)      2.80820
(11121924)      2.93396 (11121924)      3.22091 (15122224)
```



```
                                *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
```

```
                C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

                                   *** NETWORK ID: UCART7   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471137.27              471187.27              471237.27
       471287.27              471337.27
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777005.9 |      4.20241 (15122224)      4.90872 (15122224)      5.90229
(15122224)      7.46857 (15122224)     10.29249 (15122224)
 3776955.9 |      3.55775 (15122224)      4.06026 (15122224)      4.71709
(15122224)      5.62776 (15122224)      6.99836 (15122224)
 3776905.9 |      3.17833 (11121924)      3.46039 (11121924)      3.93286
(15122224)      4.53960 (15122224)      5.36545 (15122224)
 3776855.9 |      2.91907 (11121924)      3.12136 (11121924)      3.37694
(15122224)      3.81844 (15122224)      4.37940 (15122224)
 3776805.9 |      2.71445 (11121924)      2.87100 (11121924)      3.02228
(11121924)      3.30015 (15122224)      3.71233 (15122224)
 3776755.9 |      2.55968 (11121924)      2.64765 (11121924)      2.78429
(11121924)      2.96699 (11121924)      3.22877 (15122224)
```



```
                             *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
                C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
```

```
 , C3038463    , C3038464    ,  . . .      ,

                                   *** NETWORK ID: UCART8   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471025.84              471075.84              471125.84
       471175.84              471225.84
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3777113.8 |      4.49303 (15122224)      5.33491 (15122224)      6.54159
(15122224)      8.57692 (15122224)     12.70274 (15122224)
 3777063.8 |      3.75069 (15122224)      4.33277 (15122224)      5.09663
(15122224)      6.19147 (15122224)      7.93926 (15122224)
 3777013.8 |      3.30287 (11121924)      3.64272 (15122224)      4.18157
(15122224)      4.88346 (15122224)      5.86678 (15122224)
```

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

 3777113.8 |     26.32766 (15122224)
 3777063.8 |     11.28889 (15122224)
 3777013.8 |      7.40201 (15122224)
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE 247
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
                C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

                                   *** NETWORK ID: UCART9   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471071.36              471121.36              471171.36
       471221.36
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777220.7 |     10.84271 (15122224)     18.85621 (15122224)     25.83325
(15122224)     16.80559m(16123124)
 3777170.7 |      7.16682 (15122224)      9.72536 (15122224)     15.40987
(15122224)     24.06244 (15122224)
 3777120.7 |      5.42116 (15122224)      6.67644 (15122224)      8.81329
(15122224)     13.24737 (15122224)
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE 248
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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): C3038437 , C3038438
, C3038439 , C3038440 , C3038441 ,
C3038442 , C3038443 , C3038444 , C3038445 , C3038446
, C3038447 , C3038448 , C3038449 ,
C3038450 , C3038451 , C3038452 , C3038453 , C3038454
, C3038455 , C3038456 , C3038457 ,
C3038458 , C3038459 , C3038460 , C3038461 , C3038462
, C3038463 , C3038464 , . . . ,

*** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 470606.55 470656.55 470706.55
470756.55 470806.55
- -
- -

3777252.6 | 2.44275 (11121924) 2.65023 (11121924) 2.89799
(11121924) 3.24700 (11121924) 3.71925 (15122224)
3777202.6 | 2.30693 (11121924) 2.46879 (11121924) 2.67763
(11121924) 2.93013 (11121924) 3.22433 (11121924)
3777152.6 | 2.16814 (11121924) 2.30036 (11121924) 2.47128
(11121924) 2.67173 (11121924) 2.92102 (11121924)
3777102.6 | 2.10195 (11121924) 2.19463 (11121924) 2.34942
(11121924) 2.51192 (11121924) 2.68884 (11121924)
3777052.6 | 2.02548 (11121924) 2.11315 (11121924) 2.26095
(11121924) 2.39423 (11121924) 2.53227 (11121924)
*** AERMOD - VERSION 19191 *** *** Ono Construction PM10
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 23:38:06

PAGE 249
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): C3038437 , C3038438
, C3038439 , C3038440 , C3038441 ,
C3038442 , C3038443 , C3038444 , C3038445 , C3038446

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 , C3038447    , C3038448    , C3038449    ,
                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

                                   *** NETWORK ID: UCART10  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       470856.55               470906.55               470956.55
       471006.55               471056.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3777252.6 |      4.41762 (15122224)      5.38427 (15122224)      6.84123
(15122224)      9.23386 (15122224)     13.97658 (15122224)
 3777202.6 |      3.67700 (15122224)      4.30537 (15122224)      5.14380
(15122224)      6.34851 (15122224)      8.28752 (15122224)
 3777152.6 |      3.22416 (11121924)      3.60990 (15122224)      4.18799
(15122224)      4.94547 (15122224)      6.00661 (15122224)
 3777102.6 |      2.92507 (11121924)      3.19601 (11121924)      3.52741
(15122224)      4.06181 (15122224)      4.75125 (15122224)
 3777052.6 |      2.71261 (11121924)      2.92465 (11121924)      3.17385
(11121924)      3.45130 (11121924)      3.93365 (15122224)
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***       23:38:06

                                   PAGE 250
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
                C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

                                   *** NETWORK ID: UCART11  ;  NETWORK TYPE:
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```
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       470269.99              470319.99              470369.99
       470419.99
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3777554.4 |      1.74897 (11121924)      1.87136 (11121924)      2.05667
(11121924)      2.27791 (11121924)
 3777504.4 |      1.73254 (11121924)      1.86073 (11121924)      2.01440
(11121924)      2.21454 (11121924)
 3777454.4 |      1.70471 (11121924)      1.83469 (11121924)      1.96439
(11121924)      2.13530 (11121924)
 3777404.4 |      1.67862 (11121924)      1.78111 (11121924)      1.90505
(11121924)      2.05266 (11121924)
 3777354.4 |      1.63553 (11121924)      1.73608 (11121924)      1.84576
(11121924)      1.97478 (11121924)
 3777304.4 |      1.60828 (11121924)      1.69924 (11121924)      1.79557
(11121924)      1.91052 (11121924)
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***       23:38:06

                                  PAGE 251
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
               C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
               C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
               C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

                                  *** NETWORK ID: UCART12  ;  NETWORK TYPE:
GRIDCART ***

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

```
  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       468710.70               468760.70               468810.70
       468860.70               468910.70
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3779663.0 |      0.90351 (15122224)      1.07506 (15122224)      1.33932
(15122224)      1.76360 (15122224)      2.48105 (15122224)
 3779613.0 |      0.87693 (15122224)      1.01933 (15122224)      1.22710
(15122224)      1.53637 (15122224)      2.16498 (12122924)
 3779563.0 |      0.83982 (15122224)      0.95194 (15122224)      1.10738
(15122224)      1.45567 (12122924)      1.91392 (12122924)
 3779513.0 |      0.79975 (15122224)      0.88456 (15122224)      1.05777
(12122924)      1.34371 (12122924)      1.67012 (12122924)
 3779463.0 |      0.76195 (15122224)      0.82413 (15122224)      0.99668
(12122924)      1.20845 (12122924)      1.42540 (12122924)
 3779413.0 |      0.73495m(16123124)      0.77694 (12122924)      0.91812
(12122924)      1.06163 (12122924)      1.19158 (12122924)
 3779363.0 |      0.74657m(16123124)      0.75976m(16123124)      0.82927
(12122924)      0.91767 (12122924)      0.98136 (12122924)
 3779313.0 |      0.76809m(16123124)      0.76883m(16123124)
0.77713m(16123124)      0.79491m(16123124)      0.86261 (15011024)
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        23:38:06

                                  PAGE 252
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
                C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

                                  *** NETWORK ID: UCART12  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
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  (METERS) |       468960.70               469010.70               469060.70
 - - -
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 - - -
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                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471325.86              471375.86              471425.86
       471475.86              471525.86
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3777911.5 |      2.10425 (16010624)      2.10681 (16010624)      2.09316
(16010624)      2.03998 (16010624)      1.96579 (16010624)
 3777861.5 |      2.17835 (16010624)      2.17606 (16010624)      2.16742
(16010624)      2.11737 (16010624)      2.06042 (16010624)
 3777811.5 |      2.26561 (16010624)      2.25554 (16010624)      2.23375
(16010624)      2.20002 (16010624)      2.14939 (16010624)
 3777761.5 |      2.35519 (16010624)      2.33776 (16010624)      2.31681
(16010624)      2.28887 (16010624)      2.23407 (16010624)
 3777711.5 |      2.44094 (16010624)      2.41463 (16010624)      2.40938
(16010624)      2.36997 (16010624)      2.31633 (16010624)
 3777661.5 |      2.52759 (16010624)      2.50395 (16010624)      2.47782
(16010624)      2.45390 (16010624)      2.41201 (16010624)
 3777611.5 |      2.61265 (16010624)      2.59301 (16010624)      2.55418
(16010624)      2.53691 (16010624)      2.49715 (16010624)
 3777561.5 |      2.69937 (16010624)      2.66751 (16010624)      2.64305
(16010624)      2.60724 (16010624)      2.57319 (16010624)
 3777511.5 |      2.88520 (16112724)      2.73056 (16010624)      2.73493
(16010624)      2.73191 (16010624)      2.68154 (16010624)
 3777461.5 |      3.16483 (16112724)      2.90466 (16112724)      2.81200
(16010624)      2.85146 (16010624)      2.78567 (16010624)
 3777411.5 |      3.46914 (16112724)      3.18690 (16112724)      2.91324
(16112724)      2.89373 (16010624)      2.87190 (16010624)
 3777361.5 |      3.82040 (16112724)      3.51468 (16112724)      3.19943
(16112724)      2.99865 (16010624)      2.98713 (16010624)
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        23:38:06

                                  PAGE 255
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
                C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
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                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

                                 *** NETWORK ID: UCART14  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       472114.69              472164.69              472214.69
       472264.69              472314.69
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777124.5 |      2.31322 (13120724)      2.03005 (13120724)      1.98924
(13120724)      1.91419 (13120724)      1.83046 (13120724)
 3777074.5 |      2.40958 (13120724)      2.16244 (13120724)      2.08146
(13120724)      1.98360 (13120724)      1.89095 (13120724)
 3777024.5 |      2.53162 (13120724)      2.28853 (13120724)      2.18154
(13120724)      2.04702 (13120724)      1.93662 (13120724)
 3776974.5 |      2.56808 (13120724)      2.34561 (13120724)      2.24512
(13120724)      2.08748 (13120724)      1.96955 (13120724)
 3776924.5 |      2.63446 (13120724)      2.38704 (13120724)      2.28566
(13120724)      2.15547 (13120724)      2.02509 (13120724)
 3776874.5 |      2.69479 (13120724)      2.30085 (13120724)      2.16584
(13120724)      2.02068 (13120724)      1.93886 (13120724)
 3776824.5 |      2.78731 (13120724)      2.42914 (13120724)      2.23558
(13120724)      2.06252 (13120724)      1.92223 (13120724)
 3776774.5 |      2.91697 (13120724)      2.58420 (13120724)      2.33901
(13120724)      2.14829 (13120724)      1.98548 (13120724)
 3776724.5 |      3.17265 (13120724)      2.76517 (13120724)      2.45391
(13120724)      2.21716 (13120724)      2.05549 (13120724)
 3776674.5 |      3.54533 (16011524)      2.96673 (16011524)      2.56656
(13120724)      2.27828 (13120724)      2.05887 (13120724)
 3776624.5 |      4.00359 (16011524)      3.27541 (16011524)      2.75763
(16011524)      2.37567 (16011524)      2.12987 (13120724)
 3776574.5 |      4.53008 (16011524)      3.60629 (16011524)      2.98228
(16011524)      2.53562 (16011524)      2.19975 (16011524)
 3776524.5 |      5.11037 (16011524)      3.95547 (16011524)      3.21301
(16011524)      2.69520 (16011524)      2.31627 (16011524)
 3776474.5 |      5.74113 (16011524)      4.31555 (16011524)      3.43820
(16011524)      2.84766 (16011524)      2.42617 (16011524)
 3776424.5 |      6.43753 (16011524)      4.66935 (16011524)      3.64942
(16011524)      2.98749 (16011524)      2.52502 (16011524)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): C3038437 , C3038438 , C3038439 , C3038440 , C3038441 , C3038442 , C3038443 , C3038444 , C3038445 , C3038446 , C3038447 , C3038448 , C3038449 , C3038450 , C3038451 , C3038452 , C3038453 , C3038454 , C3038455 , C3038456 , C3038457 , C3038458 , C3038459 , C3038460 , C3038461 , C3038462 , C3038463 , C3038464 , . . . ,

*** NETWORK ID: UCART14 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 472364.69	472414.69	472464.69	472514.69	472564.69
3777124.5	1.72744 (13120724)	1.61799 (13120724)	1.50054 (13120724)	1.38737 (13120724)	1.28195 (13120724)
3777074.5	1.77462 (13120724)	1.65436 (13120724)	1.52981 (13120724)	1.41134 (13120724)	1.30048 (13120724)
3777024.5	1.81365 (13120724)	1.69151 (13120724)	1.55559 (13120724)	1.43001 (13120724)	1.33707 (12120224)
3776974.5	1.85940 (13120724)	1.71960 (13120724)	1.57553 (13120724)	1.43025 (13120724)	1.32164 (13120724)
3776924.5	1.88373 (13120724)	1.74719 (13120724)	1.59061 (13120724)	1.39720 (13120724)	1.31028 (13120724)
3776874.5	1.79709 (13120724)	1.70903 (13120724)	1.54044 (13120724)	1.40837 (13120724)	1.31870 (13120724)
3776824.5	1.79060 (13120724)	1.67722 (13120724)	1.53957 (13120724)	1.41070 (13120724)	1.31900 (13120724)
3776774.5	1.83800 (13120724)	1.69836 (13120724)	1.56884 (13120724)	1.44383 (13120724)	1.34081 (13120724)
3776724.5	1.89532 (13120724)	1.74184 (13120724)	1.59404 (13120724)	1.47265 (13120724)	1.36332 (13120724)

```
 3776674.5 |      1.86596 (13120724)      1.70228 (13120724)      1.56096
(13120724)      1.48574 (13120724)      1.37297 (13120724)
 3776624.5 |      1.91185 (13120724)      1.73716 (13120724)      1.58783
(13120724)      1.47423 (13120724)      1.36217 (13120724)
 3776574.5 |      1.95246 (13120724)      1.76942m(13112024)
1.62042m(13112024)      1.49990 (13120724)      1.38312 (13120724)
 3776524.5 |      2.02977 (16011524)      1.82901m(13112024)
1.66909m(13112024)      1.53458m(13112024)      1.41927m(13112024)
 3776474.5 |      2.11269 (16011524)      1.87924m(13112024)
1.71062m(13112024)      1.56799m(13112024)      1.44854m(13112024)
 3776424.5 |      2.18782 (16011524)      1.93229 (16011524)
1.74348m(13112024)      1.59478m(13112024)      1.47012m(13112024)
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        23:38:06

                                  PAGE 257
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3038437    , C3038438
 , C3038439    , C3038440    , C3038441    ,
                C3038442    , C3038443    , C3038444    , C3038445    , C3038446
 , C3038447    , C3038448    , C3038449    ,
                C3038450    , C3038451    , C3038452    , C3038453    , C3038454
 , C3038455    , C3038456    , C3038457    ,
                C3038458    , C3038459    , C3038460    , C3038461    , C3038462
 , C3038463    , C3038464    ,  . . .      ,

                                  *** NETWORK ID: UCART15  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       472138.17              472188.17              472238.17
       472288.17              472338.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3775714.7 |      7.77704 (16011524)      5.29800 (16011524)      4.02875
(16011524)      3.26499c(12121724)      2.75756c(12121724)
 3775664.7 |      7.58608 (16011524)      5.20234 (16011524)      3.98453
(16011524)      3.25872c(12121724)      2.75671c(12121724)
 3775614.7 |      7.16186 (16011524)      5.07164 (16011524)      3.93407
```

(16011524) 3.23676c(12121724) 2.74621c(12121724)
3775564.7 | 6.82883 (16011524) 4.96287 (16011524) 3.89071
(16011524) 3.21226c(12121724) 2.73535c(12121724)
3775514.7 | 6.70036 (16011524) 4.90536 (16011524) 3.86523
(16011524) 3.20416c(12121724) 2.72847c(12121724)
3775464.7 | 6.69833 (16011524) 4.90026 (16011524)
3.87419c(12121724) 3.20964c(12121724) 2.73593c(12121724)
3775414.7 | 6.77501 (16011524) 4.93233 (16011524)
3.88176c(12121724) 3.21413c(12121724) 2.73424c(12121724)
3775364.7 | 6.87639 (16011524) 4.98452 (16011524) 3.89392
(16011524) 3.20390c(12121724) 2.72323c(12121724)
3775314.7 | 7.04592 (16011524) 5.04791 (16011524) 3.91495
(16011524) 3.19602c(12121724) 2.71534c(12121724)
3775264.7 | 7.28921 (16011524) 5.09684 (16011524) 3.92280
(16011524) 3.18763c(12121724) 2.70172c(12121724)
3775214.7 | 7.37495 (16011524) 5.10852 (16011524) 3.91802
(16011524) 3.17458 (16011524) 2.68337c(12121724)
3775164.7 | 7.26250 (16011524) 5.07213 (16011524) 3.89435
(16011524) 3.15359 (16011524) 2.65397c(12121724)
3775114.7 | 7.10773 (16011524) 5.00917 (16011524) 3.85670
(16011524) 3.12382 (16011524) 2.62100c(12121724)
3775064.7 | 6.99590 (16011524) 4.95284 (16011524) 3.81366
(16011524) 3.08600 (16011524) 2.58707c(12121724)
3775014.7 | 6.95835 (16011524) 4.90662 (16011524) 3.76930
(16011524) 3.04482 (16011524) 2.55340c(12121724)
3774964.7 | 6.84746 (16011524) 4.84333 (16011524) 3.72116
(16011524) 2.99739 (16011524) 2.51866c(12121724)
3774914.7 | 6.75546 (16011524) 4.78933 (16011524) 3.66714
(16011524) 2.94193 (16011524) 2.48220c(12121724)
3774864.7 | 6.70257 (16011524) 4.72718 (16011524) 3.60139
(16011524) 2.89323c(12121724) 2.44119c(12121724)
3774814.7 | 6.63674 (16011524) 4.64289 (16011524) 3.51938
(16011524) 2.84038c(12121724) 2.39533c(12121724)
3774764.7 | 6.48012 (16011524) 4.53615 (16011524) 3.41605
(16011524) 2.77520c(12121724) 2.34068c(12121724)
3774714.7 | 6.33689 (16011524) 4.39304 (16011524)
3.29549c(12121724) 2.68939c(12121724) 2.26934c(12121724)
3774664.7 | 6.18880 (16011524) 4.19693 (16011524)
3.17172c(12121724) 2.58826c(12121724) 2.18668c(12121724)
3774614.7 | 5.84811 (16011524) 3.91997 (16011524)
3.02695c(12121724) 2.47275c(12121724) 2.09228c(12121724)
3774564.7 | 5.28528 (16011524) 3.66692c(12121724)
2.85025c(12121724) 2.33895c(12121724) 1.98630c(12121724)
3774514.7 | 4.67359c(12121724) 3.37031c(12121724)
2.64255c(12121724) 2.18250c(12121724) 1.86299c(12121724)
3774464.7 | 4.13888c(12121724) 3.01695c(12121724)
2.39135c(12121724) 1.99586c(12121724) 1.71864c(12121724)
3774414.7 | 3.27238c(12121724) 2.52873c(12121724)

2.07873c(12121724) 1.77583c(12121724) 1.55519c(12121724)
 3774364.7 | 2.48334c(12121724) 2.06647c(12121724)
1.77512c(12121724) 1.56079c(12121724) 1.39455c(12121724)
 3774314.7 | 2.03176m(15010924) 1.75802m(15010924)
1.54806m(15010924) 1.38419c(12121724) 1.25644c(12121724)
 3774264.7 | 1.79791m(11013124) 1.56728m(11013124)
1.38417m(15010924) 1.25458m(15010924) 1.14534c(12121724)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): C3038437 , C3038438
 , C3038439 , C3038440 , C3038441 ,
  C3038442 , C3038443 , C3038444 , C3038445 , C3038446
 , C3038447 , C3038448 , C3038449 ,
  C3038450 , C3038451 , C3038452 , C3038453 , C3038454
 , C3038455 , C3038456 , C3038457 ,
  C3038458 , C3038459 , C3038460 , C3038461 , C3038462
 , C3038463 , C3038464 , . . . ,

*** NETWORK ID: UCART16 ; NETWORK TYPE:
GRIDCART ***

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

  Y-COORD | X-COORD (METERS)
  (METERS) | 472255.22 472305.22 472355.22
  472405.22 472455.22
 -
- -

 3776236.9 | 3.44996 (16011524) 2.86546 (16011524) 2.45378
(16011524) 2.14706 (16011524) 1.91078 (16011524)
 3776186.9 | 3.49669 (16011524) 2.90627 (16011524) 2.48880
(16011524) 2.17674 (16011524) 1.93555 (16011524)
 3776136.9 | 3.54028 (16011524) 2.94196 (16011524) 2.51791
(16011524) 2.20041 (16011524) 1.95571 (16011524)
 3776086.9 | 3.58600 (16011524) 2.97517 (16011524) 2.54267
(16011524) 2.22062 (16011524) 1.97199 (16011524)
 3776036.9 | 3.63445 (16011524) 3.00606 (16011524) 2.56426
(16011524) 2.23639 (16011524) 1.98427 (16011524)

```
 3775986.9 |      3.68098 (16011524)      3.03396 (16011524)      2.58261
(16011524)      2.24935 (16011524)      1.99281 (16011524)
 3775936.9 |      3.71879 (16011524)      3.05717 (16011524)      2.59712
(16011524)      2.25943 (16011524)      1.99985 (16011524)
 3775886.9 |      3.74408 (16011524)      3.07242 (16011524)      2.60691
(16011524)      2.26465 (16011524)      2.00598 (16011524)
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        23:38:06

                                  PAGE 259
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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


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


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

BNSFCONS  1ST HIGHEST VALUE IS      15.21628 AT (  472023.42,  3774752.42,
333.60,   333.60,    0.00)  GC  UCART1
          2ND HIGHEST VALUE IS      13.12949 AT (  472023.42,  3774502.42,
331.80,   331.80,    0.00)  GC  UCART1
          3RD HIGHEST VALUE IS      13.12929 AT (  472023.42,  3775052.42,
337.00,   342.30,    0.00)  GC  UCART1
          4TH HIGHEST VALUE IS      13.09364 AT (  472006.60,  3776354.71,
347.00,   347.00,    0.00)  GC  UCART3
          5TH HIGHEST VALUE IS      13.00737 AT (  472023.42,  3774552.42,
332.30,   332.30,    0.00)  GC  UCART1
          6TH HIGHEST VALUE IS      12.97706 AT (  472023.42,  3775252.42,
338.10,   338.10,    0.00)  GC  UCART1
          7TH HIGHEST VALUE IS      12.90867 AT (  472014.54,  3776102.75,
346.00,   346.00,    0.00)  GC  UCART2
          8TH HIGHEST VALUE IS      12.70334 AT (  472006.60,  3776404.71,
345.10,   352.00,    0.00)  GC  UCART3
          9TH HIGHEST VALUE IS      12.31020 AT (  472023.42,  3774702.42,
333.30,   333.30,    0.00)  GC  UCART1
         10TH HIGHEST VALUE IS      12.10287 AT (  472023.42,  3775102.42,
336.80,   336.80,    0.00)  GC  UCART1
```

```
ALL       1ST HIGHEST VALUE IS      15.21628 AT (  472023.42,  3774752.42,
333.60,   333.60,    0.00)  GC  UCART1
          2ND HIGHEST VALUE IS      13.12949 AT (  472023.42,  3774502.42,
331.80,   331.80,    0.00)  GC  UCART1
          3RD HIGHEST VALUE IS      13.12929 AT (  472023.42,  3775052.42,
337.00,   342.30,    0.00)  GC  UCART1
          4TH HIGHEST VALUE IS      13.09364 AT (  472006.60,  3776354.71,
347.00,   347.00,    0.00)  GC  UCART3
          5TH HIGHEST VALUE IS      13.00737 AT (  472023.42,  3774552.42,
332.30,   332.30,    0.00)  GC  UCART1
          6TH HIGHEST VALUE IS      12.97706 AT (  472023.42,  3775252.42,
338.10,   338.10,    0.00)  GC  UCART1
          7TH HIGHEST VALUE IS      12.90867 AT (  472014.54,  3776102.75,
346.00,   346.00,    0.00)  GC  UCART2
          8TH HIGHEST VALUE IS      12.70334 AT (  472006.60,  3776404.71,
345.10,   352.00,    0.00)  GC  UCART3
          9TH HIGHEST VALUE IS      12.31020 AT (  472023.42,  3774702.42,
333.30,   333.30,    0.00)  GC  UCART1
         10TH HIGHEST VALUE IS      12.10287 AT (  472023.42,  3775102.42,
336.80,   336.80,    0.00)  GC  UCART1


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE 260
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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


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

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

```
BNSFCONS HIGH   1ST HIGH VALUE IS      34.93747  ON 15122224: AT (  472006.60,
3776354.71,   347.00,   347.00,    0.00)  GC  UCART3

ALL      HIGH   1ST HIGH VALUE IS      34.93747  ON 15122224: AT (  472006.60,
3776354.71,   347.00,   347.00,    0.00)  GC  UCART3


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM10
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        23:38:06

                                   PAGE 261
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

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

 A Total of            0 Fatal Error Message(s)
 A Total of            7 Warning Message(s)
 A Total of          838 Informational Message(s)

 A Total of        43848 Hours Were Processed

 A Total of           40 Calm Hours Identified

 A Total of          798 Missing Hours Identified (  1.82 Percent)


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


    ********   WARNING MESSAGES   ********
 ME W186    2911       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187    2911       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 MX W438    8800        METQA: Convective Velocity Data Out-of-Range.  KURDAT =
  12010216
 MX W438   11536        METQA: Convective Velocity Data Out-of-Range.  KURDAT =
  12042516
```

```
 MX W420   16779        METQA: Wind Speed Out-of-Range.   KURDAT =
  12113003
 MX W450   26305       CHKDAT: Record Out of Sequence in Meteorological File at:
  15010101
 MX W450   26305       CHKDAT: Record Out of Sequence in Meteorological File at:
1 year gap

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

```
**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.9.0
** Lakes Environmental Software Inc.
** Date: 6/26/2020
** File: C:\Lakes\AERMOD View\BNSF Ono_Con_PM25\BNSF Ono_Con_PM25.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE Ono Construction PM2.5
   MODELOPT DFAULT CONC
   AVERTIME 24 ANNUAL
   URBANOPT 216995
   POLLUTID PM_2.5
   RUNORNOT RUN
   ERRORFIL "BNSF Ono_Con_PM25.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 = CON3
** DESCRSRC construction alignment emissions 3
** PREFIX C3
** Length of Side = 9.70
** Configuration = Adjacent
** Emission Rate = 0.788
** Vertical Dimension = 7.82
** SZINIT = 3.64
** Nodes = 44
** 472029.067, 3774423.620, 330.82, 5.00, 4.51
** 472027.831, 3774478.042, 331.46, 5.00, 4.51
```

```
** 472000.591, 3774511.750, 332.06, 5.00, 4.51
** 472013.272, 3774556.255, 332.64, 5.00, 4.51
** 472031.864, 3774578.593, 332.21, 5.00, 4.51
** 472029.304, 3774684.181, 333.03, 5.00, 4.51
** 472002.658, 3774711.761, 333.60, 5.00, 4.51
** 472001.216, 3774757.585, 333.81, 5.00, 4.51
** 472028.458, 3774759.397, 333.47, 5.00, 4.51
** 472029.022, 3774836.830, 334.00, 5.00, 4.51
** 472014.653, 3774850.787, 334.41, 5.00, 4.51
** 472011.200, 3774882.035, 334.71, 5.00, 4.51
** 472030.428, 3774899.027, 334.52, 5.00, 4.51
** 472033.861, 3775069.137, 336.13, 5.00, 4.51
** 472044.457, 3775252.708, 337.89, 5.00, 4.51
** 472023.610, 3775266.611, 338.37, 5.00, 4.51
** 472026.862, 3775405.698, 339.52, 5.00, 4.51
** 471990.441, 3775421.200, 340.22, 5.00, 4.51
** 472020.706, 3775460.501, 340.35, 5.00, 4.51
** 472021.501, 3775574.097, 341.67, 5.00, 4.51
** 472024.227, 3775616.759, 342.65, 5.00, 4.51
** 472046.874, 3775636.423, 341.93, 5.00, 4.51
** 472044.511, 3775860.656, 344.18, 5.00, 4.51
** 472044.474, 3776009.430, 344.91, 5.00, 4.51
** 472023.518, 3776037.236, 345.55, 5.00, 4.51
** 472026.153, 3776139.738, 345.99, 5.00, 4.51
** 472026.595, 3776148.843, 345.93, 5.00, 4.51
** 472036.101, 3776216.655, 346.57, 5.00, 4.51
** 472027.399, 3776304.861, 345.20, 5.00, 4.51
** 472014.541, 3776370.163, 345.32, 5.00, 4.51
** 471995.999, 3776385.920, 347.82, 5.00, 4.51
** 471994.791, 3776431.787, 345.96, 5.00, 4.51
** 471924.256, 3776582.316, 348.71, 5.00, 4.51
** 471899.871, 3776573.811, 350.24, 5.00, 4.51
** 471892.688, 3776621.003, 349.43, 5.00, 4.51
** 471790.618, 3776728.020, 352.43, 5.00, 4.51
** 471687.819, 3776808.468, 354.12, 5.00, 4.51
** 471587.411, 3776886.025, 355.59, 5.00, 4.51
** 471381.275, 3777051.819, 358.77, 5.00, 4.51
** 471204.297, 3777192.559, 361.85, 5.00, 4.51
** 471034.024, 3777323.679, 365.52, 5.00, 4.51
** 470919.103, 3777424.226, 368.63, 5.00, 4.51
** 470766.423, 3777576.849, 372.68, 5.00, 4.51
** 470646.829, 3777717.308, 375.61, 5.00, 4.51
** ---------------------------------------------------------------------
   LOCATION C3038886     VOLUME   472028.956 3774428.468 331.11
   LOCATION C3038887     VOLUME   472028.736 3774438.166 331.20
   LOCATION C3038888     VOLUME   472028.516 3774447.863 331.30
   LOCATION C3038889     VOLUME   472028.296 3774457.561 331.41
   LOCATION C3038890     VOLUME   472028.076 3774467.258 331.51
```

LOCATION	C3038891	VOLUME	472027.855	3774476.956	331.59
LOCATION	C3038892	VOLUME	472022.417	3774484.742	331.72
LOCATION	C3038893	VOLUME	472016.320	3774492.286	331.85
LOCATION	C3038894	VOLUME	472010.224	3774499.831	331.98
LOCATION	C3038895	VOLUME	472004.127	3774507.375	332.09
LOCATION	C3038896	VOLUME	472001.708	3774515.669	332.21
LOCATION	C3038897	VOLUME	472004.366	3774524.998	332.32
LOCATION	C3038898	VOLUME	472007.024	3774534.327	332.41
LOCATION	C3038899	VOLUME	472009.682	3774543.655	332.49
LOCATION	C3038900	VOLUME	472012.340	3774552.984	332.56
LOCATION	C3038901	VOLUME	472017.302	3774561.096	332.54
LOCATION	C3038902	VOLUME	472023.507	3774568.552	332.43
LOCATION	C3038903	VOLUME	472029.712	3774576.008	332.33
LOCATION	C3038904	VOLUME	472031.711	3774584.927	332.34
LOCATION	C3038905	VOLUME	472031.476	3774594.624	332.40
LOCATION	C3038906	VOLUME	472031.240	3774604.322	332.48
LOCATION	C3038907	VOLUME	472031.005	3774614.019	332.56
LOCATION	C3038908	VOLUME	472030.770	3774623.716	332.65
LOCATION	C3038909	VOLUME	472030.535	3774633.413	332.75
LOCATION	C3038910	VOLUME	472030.300	3774643.110	332.86
LOCATION	C3038911	VOLUME	472030.065	3774652.807	332.96
LOCATION	C3038912	VOLUME	472029.830	3774662.504	333.03
LOCATION	C3038913	VOLUME	472029.594	3774672.202	333.09
LOCATION	C3038914	VOLUME	472029.359	3774681.899	333.14
LOCATION	C3038915	VOLUME	472024.150	3774689.515	333.27
LOCATION	C3038916	VOLUME	472017.410	3774696.491	333.42
LOCATION	C3038917	VOLUME	472010.671	3774703.467	333.55
LOCATION	C3038918	VOLUME	472003.931	3774710.443	333.63
LOCATION	C3038919	VOLUME	472002.410	3774719.625	333.67
LOCATION	C3038920	VOLUME	472002.105	3774729.320	333.72
LOCATION	C3038921	VOLUME	472001.800	3774739.015	333.76
LOCATION	C3038922	VOLUME	472001.495	3774748.711	333.81
LOCATION	C3038923	VOLUME	472002.035	3774757.639	333.88
LOCATION	C3038924	VOLUME	472011.714	3774758.283	333.83
LOCATION	C3038925	VOLUME	472021.392	3774758.927	333.71
LOCATION	C3038926	VOLUME	472028.477	3774762.015	333.64
LOCATION	C3038927	VOLUME	472028.548	3774771.715	333.72
LOCATION	C3038928	VOLUME	472028.618	3774781.414	333.80
LOCATION	C3038929	VOLUME	472028.689	3774791.114	333.85
LOCATION	C3038930	VOLUME	472028.760	3774800.814	333.91
LOCATION	C3038931	VOLUME	472028.830	3774810.514	333.96
LOCATION	C3038932	VOLUME	472028.901	3774820.213	334.02
LOCATION	C3038933	VOLUME	472028.971	3774829.913	334.07
LOCATION	C3038934	VOLUME	472027.025	3774838.769	334.15
LOCATION	C3038935	VOLUME	472020.067	3774845.528	334.30
LOCATION	C3038936	VOLUME	472014.417	3774852.926	334.43
LOCATION	C3038937	VOLUME	472013.351	3774862.567	334.52
LOCATION	C3038938	VOLUME	472012.286	3774872.208	334.62

LOCATION	C3038939	VOLUME	472011.221	3774881.850	334.77
LOCATION	C3038940	VOLUME	472018.329	3774888.335	334.76
LOCATION	C3038941	VOLUME	472025.598	3774894.758	334.71
LOCATION	C3038942	VOLUME	472030.494	3774902.280	334.70
LOCATION	C3038943	VOLUME	472030.689	3774911.978	334.79
LOCATION	C3038944	VOLUME	472030.885	3774921.676	334.87
LOCATION	C3038945	VOLUME	472031.081	3774931.374	334.96
LOCATION	C3038946	VOLUME	472031.277	3774941.072	335.07
LOCATION	C3038947	VOLUME	472031.472	3774950.770	335.18
LOCATION	C3038948	VOLUME	472031.668	3774960.468	335.29
LOCATION	C3038949	VOLUME	472031.864	3774970.166	335.45
LOCATION	C3038950	VOLUME	472032.059	3774979.864	335.64
LOCATION	C3038951	VOLUME	472032.255	3774989.562	335.83
LOCATION	C3038952	VOLUME	472032.451	3774999.260	336.07
LOCATION	C3038953	VOLUME	472032.646	3775008.958	336.37
LOCATION	C3038954	VOLUME	472032.842	3775018.656	336.67
LOCATION	C3038955	VOLUME	472033.038	3775028.354	336.82
LOCATION	C3038956	VOLUME	472033.234	3775038.052	336.63
LOCATION	C3038957	VOLUME	472033.429	3775047.750	336.45
LOCATION	C3038958	VOLUME	472033.625	3775057.448	336.30
LOCATION	C3038959	VOLUME	472033.821	3775067.146	336.35
LOCATION	C3038960	VOLUME	472034.305	3775076.833	336.38
LOCATION	C3038961	VOLUME	472034.864	3775086.517	336.41
LOCATION	C3038962	VOLUME	472035.423	3775096.201	336.47
LOCATION	C3038963	VOLUME	472035.982	3775105.885	336.52
LOCATION	C3038964	VOLUME	472036.541	3775115.569	336.58
LOCATION	C3038965	VOLUME	472037.100	3775125.252	336.66
LOCATION	C3038966	VOLUME	472037.659	3775134.936	336.76
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LOCATION	C3038969	VOLUME	472039.336	3775163.988	337.04
LOCATION	C3038970	VOLUME	472039.895	3775173.672	337.13
LOCATION	C3038971	VOLUME	472040.454	3775183.356	337.22
LOCATION	C3038972	VOLUME	472041.013	3775193.040	337.30
LOCATION	C3038973	VOLUME	472041.572	3775202.724	337.38
LOCATION	C3038974	VOLUME	472042.131	3775212.407	337.46
LOCATION	C3038975	VOLUME	472042.690	3775222.091	337.54
LOCATION	C3038976	VOLUME	472043.249	3775231.775	337.62
LOCATION	C3038977	VOLUME	472043.808	3775241.459	337.70
LOCATION	C3038978	VOLUME	472044.367	3775251.143	337.77
LOCATION	C3038979	VOLUME	472037.691	3775257.220	338.01
LOCATION	C3038980	VOLUME	472029.621	3775262.602	338.17
LOCATION	C3038981	VOLUME	472023.667	3775269.085	338.31
LOCATION	C3038982	VOLUME	472023.894	3775278.782	338.40
LOCATION	C3038983	VOLUME	472024.121	3775288.479	338.49
LOCATION	C3038984	VOLUME	472024.348	3775298.177	338.57
LOCATION	C3038985	VOLUME	472024.574	3775307.874	338.65
LOCATION	C3038986	VOLUME	472024.801	3775317.571	338.72

LOCATION	C3038987	VOLUME	472025.028	3775327.269	338.79
LOCATION	C3038988	VOLUME	472025.255	3775336.966	338.88
LOCATION	C3038989	VOLUME	472025.482	3775346.663	339.00
LOCATION	C3038990	VOLUME	472025.708	3775356.361	339.12
LOCATION	C3038991	VOLUME	472025.935	3775366.058	339.24
LOCATION	C3038992	VOLUME	472026.162	3775375.755	339.36
LOCATION	C3038993	VOLUME	472026.389	3775385.453	339.48
LOCATION	C3038994	VOLUME	472026.615	3775395.150	339.60
LOCATION	C3038995	VOLUME	472026.842	3775404.848	339.69
LOCATION	C3038996	VOLUME	472018.720	3775409.164	339.83
LOCATION	C3038997	VOLUME	472009.795	3775412.963	339.95
LOCATION	C3038998	VOLUME	472000.870	3775416.762	340.06
LOCATION	C3038999	VOLUME	471991.944	3775420.561	340.16
LOCATION	C3039000	VOLUME	471995.363	3775427.591	340.18
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LOCATION	C3039006	VOLUME	472020.823	3775477.163	340.63
LOCATION	C3039007	VOLUME	472020.891	3775486.863	340.76
LOCATION	C3039008	VOLUME	472020.959	3775496.563	340.82
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LOCATION	C3039010	VOLUME	472021.094	3775515.962	340.93
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LOCATION	C3039014	VOLUME	472021.366	3775554.761	341.25
LOCATION	C3039015	VOLUME	472021.434	3775564.461	341.38
LOCATION	C3039016	VOLUME	472021.505	3775574.161	341.51
LOCATION	C3039017	VOLUME	472022.124	3775583.841	341.72
LOCATION	C3039018	VOLUME	472022.742	3775593.521	342.04
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LOCATION	C3039020	VOLUME	472023.980	3775612.882	342.77
LOCATION	C3039021	VOLUME	472028.618	3775620.571	343.05
LOCATION	C3039022	VOLUME	472035.942	3775626.931	342.49
LOCATION	C3039023	VOLUME	472043.267	3775633.291	341.67
LOCATION	C3039024	VOLUME	472046.822	3775641.345	341.39
LOCATION	C3039025	VOLUME	472046.720	3775651.045	341.47
LOCATION	C3039026	VOLUME	472046.618	3775660.744	341.55
LOCATION	C3039027	VOLUME	472046.516	3775670.444	341.63
LOCATION	C3039028	VOLUME	472046.413	3775680.143	341.77
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LOCATION	C3039030	VOLUME	472046.209	3775699.542	342.07
LOCATION	C3039031	VOLUME	472046.107	3775709.242	342.18
LOCATION	C3039032	VOLUME	472046.005	3775718.941	342.26
LOCATION	C3039033	VOLUME	472045.902	3775728.640	342.34
LOCATION	C3039034	VOLUME	472045.800	3775738.340	342.41

LOCATION	C3039035	VOLUME	472045.698	3775748.039	342.49
LOCATION	C3039036	VOLUME	472045.596	3775757.739	342.56
LOCATION	C3039037	VOLUME	472045.494	3775767.438	342.68
LOCATION	C3039038	VOLUME	472045.391	3775777.138	342.90
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LOCATION	C3039041	VOLUME	472045.085	3775806.236	343.53
LOCATION	C3039042	VOLUME	472044.983	3775815.936	343.74
LOCATION	C3039043	VOLUME	472044.880	3775825.635	343.94
LOCATION	C3039044	VOLUME	472044.778	3775835.335	343.97
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LOCATION	C3039046	VOLUME	472044.574	3775854.733	343.99
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LOCATION	C3039066	VOLUME	472023.633	3776041.719	345.50
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LOCATION	C3039069	VOLUME	472024.381	3776070.810	345.72
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LOCATION	C3039072	VOLUME	472025.129	3776099.900	345.86
LOCATION	C3039073	VOLUME	472025.378	3776109.597	345.91
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LOCATION	C3039079	VOLUME	472029.223	3776167.593	346.26
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LOCATION	C3039082	VOLUME	472033.263	3776196.411	346.47

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LOCATION C3039085     VOLUME   472035.251 3776225.271 346.64
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LOCATION C3039088     VOLUME   472032.394 3776254.231 346.55
LOCATION C3039089     VOLUME   472031.442 3776263.884 346.45
LOCATION C3039090     VOLUME   472030.489 3776273.537 346.34
LOCATION C3039091     VOLUME   472029.537 3776283.190 346.26
LOCATION C3039092     VOLUME   472028.585 3776292.843 346.17
LOCATION C3039093     VOLUME   472027.632 3776302.496 346.05
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LOCATION C3039104     VOLUME   471995.646 3776399.350 347.14
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LOCATION C3039106     VOLUME   471995.135 3776418.744 346.56
LOCATION C3039107     VOLUME   471994.879 3776428.440 346.09
LOCATION C3039108     VOLUME   471992.096 3776437.539 345.98
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LOCATION C3039111     VOLUME   471979.749 3776463.890 346.50
LOCATION C3039112     VOLUME   471975.633 3776472.673 346.90
LOCATION C3039113     VOLUME   471971.517 3776481.457 347.24
LOCATION C3039114     VOLUME   471967.401 3776490.240 347.40
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LOCATION C3039124     VOLUME   471926.243 3776578.075 348.29
LOCATION C3039125     VOLUME   471919.519 3776580.664 348.79
LOCATION C3039126     VOLUME   471910.360 3776577.469 349.56
LOCATION C3039127     VOLUME   471901.201 3776574.275 350.03
LOCATION C3039128     VOLUME   471898.623 3776582.007 350.00
LOCATION C3039129     VOLUME   471897.164 3776591.597 349.97
LOCATION C3039130     VOLUME   471895.704 3776601.186 349.89
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LOCATION	C3039163	VOLUME	471670.700	3776821.691	354.36
LOCATION	C3039164	VOLUME	471663.023	3776827.621	354.44
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LOCATION	C3039194	VOLUME	471435.103	3777008.525	357.97
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LOCATION	C3039196	VOLUME	471419.986	3777020.684	358.16
LOCATION	C3039197	VOLUME	471412.428	3777026.763	358.27
LOCATION	C3039198	VOLUME	471404.869	3777032.842	358.40
LOCATION	C3039199	VOLUME	471397.310	3777038.922	358.51
LOCATION	C3039200	VOLUME	471389.752	3777045.001	358.61
LOCATION	C3039201	VOLUME	471382.193	3777051.080	358.71
LOCATION	C3039202	VOLUME	471374.605	3777057.123	358.82
LOCATION	C3039203	VOLUME	471367.013	3777063.160	358.96
LOCATION	C3039204	VOLUME	471359.421	3777069.198	359.11
LOCATION	C3039205	VOLUME	471351.829	3777075.235	359.24
LOCATION	C3039206	VOLUME	471344.237	3777081.273	359.36
LOCATION	C3039207	VOLUME	471336.645	3777087.310	359.50
LOCATION	C3039208	VOLUME	471329.053	3777093.348	359.64
LOCATION	C3039209	VOLUME	471321.461	3777099.385	359.79
LOCATION	C3039210	VOLUME	471313.869	3777105.423	359.93
LOCATION	C3039211	VOLUME	471306.277	3777111.460	360.06
LOCATION	C3039212	VOLUME	471298.685	3777117.498	360.19
LOCATION	C3039213	VOLUME	471291.093	3777123.535	360.33
LOCATION	C3039214	VOLUME	471283.501	3777129.573	360.48
LOCATION	C3039215	VOLUME	471275.909	3777135.610	360.63
LOCATION	C3039216	VOLUME	471268.317	3777141.648	360.76
LOCATION	C3039217	VOLUME	471260.725	3777147.685	360.89
LOCATION	C3039218	VOLUME	471253.133	3777153.723	361.02
LOCATION	C3039219	VOLUME	471245.541	3777159.760	361.16
LOCATION	C3039220	VOLUME	471237.949	3777165.798	361.30
LOCATION	C3039221	VOLUME	471230.357	3777171.835	361.46
LOCATION	C3039222	VOLUME	471222.765	3777177.873	361.61
LOCATION	C3039223	VOLUME	471215.173	3777183.910	361.77
LOCATION	C3039224	VOLUME	471207.581	3777189.948	361.91
LOCATION	C3039225	VOLUME	471199.936	3777195.917	362.07
LOCATION	C3039226	VOLUME	471192.251	3777201.835	362.21

LOCATION	C3039227	VOLUME	471184.565	3777207.754	362.39
LOCATION	C3039228	VOLUME	471176.880	3777213.672	362.61
LOCATION	C3039229	VOLUME	471169.194	3777219.590	362.72
LOCATION	C3039230	VOLUME	471161.509	3777225.508	362.85
LOCATION	C3039231	VOLUME	471153.824	3777231.426	363.02
LOCATION	C3039232	VOLUME	471146.138	3777237.345	363.23
LOCATION	C3039233	VOLUME	471138.453	3777243.263	363.45
LOCATION	C3039234	VOLUME	471130.767	3777249.181	363.60
LOCATION	C3039235	VOLUME	471123.082	3777255.099	363.75
LOCATION	C3039236	VOLUME	471115.397	3777261.017	363.90
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LOCATION	C3039247	VOLUME	471031.016	3777326.310	365.86
LOCATION	C3039248	VOLUME	471023.716	3777332.698	366.05
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LOCATION	C3039253	VOLUME	470987.215	3777364.634	366.91
LOCATION	C3039254	VOLUME	470979.914	3777371.021	367.09
LOCATION	C3039255	VOLUME	470972.614	3777377.408	367.27
LOCATION	C3039256	VOLUME	470965.314	3777383.795	367.45
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LOCATION	C3039259	VOLUME	470943.413	3777402.957	367.99
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LOCATION	C3039269	VOLUME	470873.346	3777469.967	369.91
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LOCATION	C3039272	VOLUME	470852.765	3777490.540	370.48
LOCATION	C3039273	VOLUME	470845.905	3777497.397	370.66
LOCATION	C3039274	VOLUME	470839.044	3777504.255	370.98

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   LOCATION C3039279     VOLUME   470804.743 3777538.543 371.78
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   LOCATION C3039293     VOLUME   470713.511 3777638.992 375.41
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** End of LINE VOLUME Source ID = CON3
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** LINE VOLUME Source ID = CON4
** DESCRSRC construction alignment emissions 4
** PREFIX C4
** Length of Side = 9.70
** Configuration = Adjacent
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** Vertical Dimension = 7.82
** SZINIT = 3.64
** Nodes = 3
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** 468981.687, 3779815.250, 428.83, 5.00, 4.51
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** Source Parameters **
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   SRCPARAM C3039300     0.0018851675      5.00      4.51      3.64
   SRCPARAM C3039301     0.0018851675      5.00      4.51      3.64
   SRCPARAM C3039302     0.0018851675      5.00      4.51      3.64
   SRCPARAM C3039303     0.0018851675      5.00      4.51      3.64
** ----------------------------------------------------------------------
** LINE VOLUME Source ID = CON4
   SRCPARAM C4039304     0.0018677419      5.00      4.51      3.64
   SRCPARAM C4039305     0.0018677419      5.00      4.51      3.64
   SRCPARAM C4039306     0.0018677419      5.00      4.51      3.64
   SRCPARAM C4039307     0.0018677419      5.00      4.51      3.64
   SRCPARAM C4039308     0.0018677419      5.00      4.51      3.64
   SRCPARAM C4039309     0.0018677419      5.00      4.51      3.64
   SRCPARAM C4039310     0.0018677419      5.00      4.51      3.64
   SRCPARAM C4039311     0.0018677419      5.00      4.51      3.64
   SRCPARAM C4039312     0.0018677419      5.00      4.51      3.64
   SRCPARAM C4039313     0.0018677419      5.00      4.51      3.64
   SRCPARAM C4039314     0.0018677419      5.00      4.51      3.64
   SRCPARAM C4039315     0.0018677419      5.00      4.51      3.64
   SRCPARAM C4039316     0.0018677419      5.00      4.51      3.64
   SRCPARAM C4039317     0.0018677419      5.00      4.51      3.64
   SRCPARAM C4039318     0.0018677419      5.00      4.51      3.64
   SRCPARAM C4039319     0.0018677419      5.00      4.51      3.64
   SRCPARAM C4039320     0.0018677419      5.00      4.51      3.64
   SRCPARAM C4039321     0.0018677419      5.00      4.51      3.64
   SRCPARAM C4039322     0.0018677419      5.00      4.51      3.64
   SRCPARAM C4039323     0.0018677419      5.00      4.51      3.64
   SRCPARAM C4039324     0.0018677419      5.00      4.51      3.64
   SRCPARAM C4039325     0.0018677419      5.00      4.51      3.64
   SRCPARAM C4039326     0.0018677419      5.00      4.51      3.64
   SRCPARAM C4039327     0.0018677419      5.00      4.51      3.64
   SRCPARAM C4039328     0.0018677419      5.00      4.51      3.64
   SRCPARAM C4039329     0.0018677419      5.00      4.51      3.64
   SRCPARAM C4039330     0.0018677419      5.00      4.51      3.64
   SRCPARAM C4039331     0.0018677419      5.00      4.51      3.64
   SRCPARAM C4039332     0.0018677419      5.00      4.51      3.64
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   SRCPARAM C4039333     0.0018677419      5.00      4.51      3.64
   SRCPARAM C4039334     0.0018677419      5.00      4.51      3.64
** ----------------------------------------------------------------------
   URBANSRC ALL

** Variable Emissions Type: "By Hour-of-Day (HROFDY)"
** Variable Emission Scenario: "Scenario 2"
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   EMISFACT C3038887     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT C3038888     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT C3038889     HROFDY 0.0 0.0 0.0 0.0 0.0 1.0
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   EMISFACT C3038889     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT C3038890     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT C3038890     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT C3038891     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT C3038891     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT C4039321     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT C4039321     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT C4039325     HROFDY 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT C4039325     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT C4039325     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT C4039325     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT C4039326     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT C4039326     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT C4039327     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT C4039329     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT C4039329     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT C4039330     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT C4039334     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT C4039334     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT C4039334     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
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SRCGROUP BNSFcons C3038970 C3038971 C3038972 C3038973 C3038974 C3038975
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SRCGROUP BNSFcons C3039006 C3039007 C3039008 C3039009 C3039010 C3039011
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SRCGROUP BNSFcons C3039012 C3039013 C3039014 C3039015 C3039016 C3039017
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SRCGROUP BNSFcons C3039024 C3039025 C3039026 C3039027 C3039028 C3039029
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SRCGROUP BNSFcons C3039066 C3039067 C3039068 C3039069 C3039070 C3039071
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SRCGROUP BNSFcons C3039288 C3039289 C3039290 C3039291 C3039292 C3039293
SRCGROUP BNSFcons C3039294 C3039295 C3039296 C3039297 C3039298 C3039299

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   SRCGROUP BNSFcons C4039306 C4039307 C4039308 C4039309 C4039310 C4039311
   SRCGROUP BNSFcons C4039312 C4039313 C4039314 C4039315 C4039316 C4039317
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   SRCGROUP BNSFcons C4039324 C4039325 C4039326 C4039327 C4039328 C4039329
   SRCGROUP BNSFcons C4039330 C4039331 C4039332 C4039333 C4039334
   SRCGROUP ALL
SO FINISHED
**
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
   INCLUDED "BNSF Ono_Con_PM25.rou"
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
** Surface File Path: C:\Lakes\AERMOD View\BNSF Ono_Con_PM25\FONT_V9_ADJU\
   SURFFILE FONT_V9_ADJU\FONT_v9.SFC
** Profile File Path: C:\Lakes\AERMOD View\BNSF Ono_Con_PM25\FONT_V9_ADJU\
   PROFFILE FONT_V9_ADJU\FONT_v9.PFL
   SURFDATA 3102 2011
   UAIRDATA 3190 2011
   SITEDATA 99999 2011
   PROFBASE 367.0 METERS
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST "C:\Lakes\AERMOD View\BNSF Ono_Con_PM25\BNSF
ONO_CON_PM25.AD\24H1GALL.PLT" 31
   PLOTFILE 24 BNSFcons 1ST "C:\Lakes\AERMOD View\BNSF Ono_Con_PM25\BNSF
ONO_CON_PM25.AD\24H1G001.PLT" 32
   PLOTFILE ANNUAL ALL "C:\Lakes\AERMOD View\BNSF Ono_Con_PM25\BNSF
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ONO_CON_PM25.AD\AN00GALL.PLT" 33
   PLOTFILE ANNUAL BNSFcons "C:\Lakes\AERMOD View\BNSF Ono_Con_PM25\BNSF
ONO_CON_PM25.AD\AN00G000.PLT" 34
   SUMMFILE "C:\Lakes\AERMOD View\BNSF Ono_Con_PM25\BNSF Ono_Con_PM25.sum"
OU FINISHED
**
**************************************
** Project Parameters
**************************************
** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS    m
** ZONE     11
** ZONEINX  0
**
```

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****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.9.0
** Lakes Environmental Software Inc.
** Date: 6/23/2020
** File: C:\Lakes\AERMOD View\BNSF_HRA\BNSF_Con_CO\BNSF_Con_CO.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE Construction CO
   MODELOPT DFAULT CONC
   AVERTIME 1 8
   URBANOPT 216995
   POLLUTID CO
   RUNORNOT RUN
   ERRORFIL BNSF_Con_CO.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 = CON3
** DESCRSRC construction alignment CO emissions 3
** PREFIX C3
** Length of Side = 9.70
** Configuration = Adjacent
** Emission Rate = 0.147104
** Vertical Dimension = 7.82
** SZINIT = 3.64
** Nodes = 44
** 472029.067, 3774423.620, 330.82, 5.00, 4.51
** 472027.831, 3774478.042, 331.46, 5.00, 4.51
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** 472000.591, 3774511.750, 332.06, 5.00, 4.51
** 472013.272, 3774556.255, 332.64, 5.00, 4.51
** 472031.864, 3774578.593, 332.21, 5.00, 4.51
** 472029.304, 3774684.181, 333.03, 5.00, 4.51
** 472002.658, 3774711.761, 333.60, 5.00, 4.51
** 472001.216, 3774757.585, 333.81, 5.00, 4.51
** 472028.458, 3774759.397, 333.47, 5.00, 4.51
** 472029.022, 3774836.830, 334.00, 5.00, 4.51
** 472014.653, 3774850.787, 334.41, 5.00, 4.51
** 472011.200, 3774882.035, 334.71, 5.00, 4.51
** 472030.428, 3774899.027, 334.52, 5.00, 4.51
** 472033.861, 3775069.137, 336.13, 5.00, 4.51
** 472044.457, 3775252.708, 337.89, 5.00, 4.51
** 472023.610, 3775266.611, 338.37, 5.00, 4.51
** 472026.862, 3775405.698, 339.52, 5.00, 4.51
** 471990.441, 3775421.200, 340.22, 5.00, 4.51
** 472020.706, 3775460.501, 340.35, 5.00, 4.51
** 472021.501, 3775574.097, 341.67, 5.00, 4.51
** 472024.227, 3775616.759, 342.65, 5.00, 4.51
** 472046.874, 3775636.423, 341.93, 5.00, 4.51
** 472044.511, 3775860.656, 344.18, 5.00, 4.51
** 472044.474, 3776009.430, 344.91, 5.00, 4.51
** 472023.518, 3776037.236, 345.55, 5.00, 4.51
** 472026.153, 3776139.738, 345.99, 5.00, 4.51
** 472026.595, 3776148.843, 345.93, 5.00, 4.51
** 472036.101, 3776216.655, 346.57, 5.00, 4.51
** 472027.399, 3776304.861, 345.20, 5.00, 4.51
** 472014.541, 3776370.163, 345.32, 5.00, 4.51
** 471995.999, 3776385.920, 347.82, 5.00, 4.51
** 471994.791, 3776431.787, 345.96, 5.00, 4.51
** 471924.256, 3776582.316, 348.71, 5.00, 4.51
** 471899.871, 3776573.811, 350.24, 5.00, 4.51
** 471892.688, 3776621.003, 349.43, 5.00, 4.51
** 471790.618, 3776728.020, 352.43, 5.00, 4.51
** 471687.819, 3776808.468, 354.12, 5.00, 4.51
** 471587.411, 3776886.025, 355.59, 5.00, 4.51
** 471381.275, 3777051.819, 358.77, 5.00, 4.51
** 471204.297, 3777192.559, 361.85, 5.00, 4.51
** 471034.024, 3777323.679, 365.52, 5.00, 4.51
** 470919.103, 3777424.226, 368.63, 5.00, 4.51
** 470766.423, 3777576.849, 372.68, 5.00, 4.51
** 470646.829, 3777717.308, 375.61, 5.00, 4.51
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   LOCATION C3037091     VOLUME   472028.736 3774438.166 331.20
   LOCATION C3037092     VOLUME   472028.516 3774447.863 331.30
   LOCATION C3037093     VOLUME   472028.296 3774457.561 331.41
   LOCATION C3037094     VOLUME   472028.076 3774467.258 331.51
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LOCATION C3037095     VOLUME   472027.855 3774476.956 331.59
LOCATION C3037096     VOLUME   472022.417 3774484.742 331.72
LOCATION C3037097     VOLUME   472016.320 3774492.286 331.85
LOCATION C3037098     VOLUME   472010.224 3774499.831 331.98
LOCATION C3037099     VOLUME   472004.127 3774507.375 332.09
LOCATION C3037100     VOLUME   472001.708 3774515.669 332.21
LOCATION C3037101     VOLUME   472004.366 3774524.998 332.32
LOCATION C3037102     VOLUME   472007.024 3774534.327 332.41
LOCATION C3037103     VOLUME   472009.682 3774543.655 332.49
LOCATION C3037104     VOLUME   472012.340 3774552.984 332.56
LOCATION C3037105     VOLUME   472017.302 3774561.096 332.54
LOCATION C3037106     VOLUME   472023.507 3774568.552 332.43
LOCATION C3037107     VOLUME   472029.712 3774576.008 332.33
LOCATION C3037108     VOLUME   472031.711 3774584.927 332.34
LOCATION C3037109     VOLUME   472031.476 3774594.624 332.40
LOCATION C3037110     VOLUME   472031.240 3774604.322 332.48
LOCATION C3037111     VOLUME   472031.005 3774614.019 332.56
LOCATION C3037112     VOLUME   472030.770 3774623.716 332.65
LOCATION C3037113     VOLUME   472030.535 3774633.413 332.75
LOCATION C3037114     VOLUME   472030.300 3774643.110 332.86
LOCATION C3037115     VOLUME   472030.065 3774652.807 332.96
LOCATION C3037116     VOLUME   472029.830 3774662.504 333.03
LOCATION C3037117     VOLUME   472029.594 3774672.202 333.09
LOCATION C3037118     VOLUME   472029.359 3774681.899 333.14
LOCATION C3037119     VOLUME   472024.150 3774689.515 333.27
LOCATION C3037120     VOLUME   472017.410 3774696.491 333.42
LOCATION C3037121     VOLUME   472010.671 3774703.467 333.55
LOCATION C3037122     VOLUME   472003.931 3774710.443 333.63
LOCATION C3037123     VOLUME   472002.410 3774719.625 333.67
LOCATION C3037124     VOLUME   472002.105 3774729.320 333.72
LOCATION C3037125     VOLUME   472001.800 3774739.015 333.76
LOCATION C3037126     VOLUME   472001.495 3774748.711 333.81
LOCATION C3037127     VOLUME   472002.035 3774757.639 333.88
LOCATION C3037128     VOLUME   472011.714 3774758.283 333.83
LOCATION C3037129     VOLUME   472021.392 3774758.927 333.71
LOCATION C3037130     VOLUME   472028.477 3774762.015 333.64
LOCATION C3037131     VOLUME   472028.548 3774771.715 333.72
LOCATION C3037132     VOLUME   472028.618 3774781.414 333.80
LOCATION C3037133     VOLUME   472028.689 3774791.114 333.85
LOCATION C3037134     VOLUME   472028.760 3774800.814 333.91
LOCATION C3037135     VOLUME   472028.830 3774810.514 333.96
LOCATION C3037136     VOLUME   472028.901 3774820.213 334.02
LOCATION C3037137     VOLUME   472028.971 3774829.913 334.07
LOCATION C3037138     VOLUME   472027.025 3774838.769 334.15
LOCATION C3037139     VOLUME   472020.067 3774845.528 334.30
LOCATION C3037140     VOLUME   472014.417 3774852.926 334.43
LOCATION C3037141     VOLUME   472013.351 3774862.567 334.52
LOCATION C3037142     VOLUME   472012.286 3774872.208 334.62
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LOCATION C3037453     VOLUME   471016.416 3777339.085 366.24
LOCATION C3037454     VOLUME   471009.115 3777345.472 366.36
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** DESCRSRC construction alignment CO emissions 4
** PREFIX C4
** Length of Side = 9.70
** Configuration = Adjacent
** Emission Rate = 0.010808
** Vertical Dimension = 7.82
** SZINIT = 3.64
** Nodes = 3
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** 469060.162, 3779716.384, 426.97, 5.00, 4.51
** 468981.687, 3779815.250, 428.83, 5.00, 4.51
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** Source Parameters **
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   SRCGROUP BNSFcons C3037180 C3037181 C3037182 C3037183 C3037184 C3037185
   SRCGROUP BNSFcons C3037186 C3037187 C3037188 C3037189 C3037190 C3037191
   SRCGROUP BNSFcons C3037192 C3037193 C3037194 C3037195 C3037196 C3037197
   SRCGROUP BNSFcons C3037198 C3037199 C3037200 C3037201 C3037202 C3037203
   SRCGROUP BNSFcons C3037204 C3037205 C3037206 C3037207 C3037208 C3037209
   SRCGROUP BNSFcons C3037210 C3037211 C3037212 C3037213 C3037214 C3037215
   SRCGROUP BNSFcons C3037216 C3037217 C3037218 C3037219 C3037220 C3037221
   SRCGROUP BNSFcons C3037222 C3037223 C3037224 C3037225 C3037226 C3037227
   SRCGROUP BNSFcons C3037228 C3037229 C3037230 C3037231 C3037232 C3037233
   SRCGROUP BNSFcons C3037234 C3037235 C3037236 C3037237 C3037238 C3037239
   SRCGROUP BNSFcons C3037240 C3037241 C3037242 C3037243 C3037244 C3037245
   SRCGROUP BNSFcons C3037246 C3037247 C3037248 C3037249 C3037250 C3037251
   SRCGROUP BNSFcons C3037252 C3037253 C3037254 C3037255 C3037256 C3037257
   SRCGROUP BNSFcons C3037258 C3037259 C3037260 C3037261 C3037262 C3037263
   SRCGROUP BNSFcons C3037264 C3037265 C3037266 C3037267 C3037268 C3037269
   SRCGROUP BNSFcons C3037270 C3037271 C3037272 C3037273 C3037274 C3037275
   SRCGROUP BNSFcons C3037276 C3037277 C3037278 C3037279 C3037280 C3037281
   SRCGROUP BNSFcons C3037282 C3037283 C3037284 C3037285 C3037286 C3037287
   SRCGROUP BNSFcons C3037288 C3037289 C3037290 C3037291 C3037292 C3037293
   SRCGROUP BNSFcons C3037294 C3037295 C3037296 C3037297 C3037298 C3037299
   SRCGROUP BNSFcons C3037300 C3037301 C3037302 C3037303 C3037304 C3037305
   SRCGROUP BNSFcons C3037306 C3037307 C3037308 C3037309 C3037310 C3037311
   SRCGROUP BNSFcons C3037312 C3037313 C3037314 C3037315 C3037316 C3037317
   SRCGROUP BNSFcons C3037318 C3037319 C3037320 C3037321 C3037322 C3037323
   SRCGROUP BNSFcons C3037324 C3037325 C3037326 C3037327 C3037328 C3037329
   SRCGROUP BNSFcons C3037330 C3037331 C3037332 C3037333 C3037334 C3037335
   SRCGROUP BNSFcons C3037336 C3037337 C3037338 C3037339 C3037340 C3037341
   SRCGROUP BNSFcons C3037342 C3037343 C3037344 C3037345 C3037346 C3037347
   SRCGROUP BNSFcons C3037348 C3037349 C3037350 C3037351 C3037352 C3037353
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   SRCGROUP BNSFcons C3037354 C3037355 C3037356 C3037357 C3037358 C3037359
   SRCGROUP BNSFcons C3037360 C3037361 C3037362 C3037363 C3037364 C3037365
   SRCGROUP BNSFcons C3037366 C3037367 C3037368 C3037369 C3037370 C3037371
   SRCGROUP BNSFcons C3037372 C3037373 C3037374 C3037375 C3037376 C3037377
   SRCGROUP BNSFcons C3037378 C3037379 C3037380 C3037381 C3037382 C3037383
   SRCGROUP BNSFcons C3037384 C3037385 C3037386 C3037387 C3037388 C3037389
   SRCGROUP BNSFcons C3037390 C3037391 C3037392 C3037393 C3037394 C3037395
   SRCGROUP BNSFcons C3037396 C3037397 C3037398 C3037399 C3037400 C3037401
   SRCGROUP BNSFcons C3037402 C3037403 C3037404 C3037405 C3037406 C3037407
   SRCGROUP BNSFcons C3037408 C3037409 C3037410 C3037411 C3037412 C3037413
   SRCGROUP BNSFcons C3037414 C3037415 C3037416 C3037417 C3037418 C3037419
   SRCGROUP BNSFcons C3037420 C3037421 C3037422 C3037423 C3037424 C3037425
   SRCGROUP BNSFcons C3037426 C3037427 C3037428 C3037429 C3037430 C3037431
   SRCGROUP BNSFcons C3037432 C3037433 C3037434 C3037435 C3037436 C3037437
   SRCGROUP BNSFcons C3037438 C3037439 C3037440 C3037441 C3037442 C3037443
   SRCGROUP BNSFcons C3037444 C3037445 C3037446 C3037447 C3037448 C3037449
   SRCGROUP BNSFcons C3037450 C3037451 C3037452 C3037453 C3037454 C3037455
   SRCGROUP BNSFcons C3037456 C3037457 C3037458 C3037459 C3037460 C3037461
   SRCGROUP BNSFcons C3037462 C3037463 C3037464 C3037465 C3037466 C3037467
   SRCGROUP BNSFcons C3037468 C3037469 C3037470 C3037471 C3037472 C3037473
   SRCGROUP BNSFcons C3037474 C3037475 C3037476 C3037477 C3037478 C3037479
   SRCGROUP BNSFcons C3037480 C3037481 C3037482 C3037483 C3037484 C3037485
   SRCGROUP BNSFcons C3037486 C3037487 C3037488 C3037489 C3037490 C3037491
   SRCGROUP BNSFcons C3037492 C3037493 C3037494 C3037495 C3037496 C3037497
   SRCGROUP BNSFcons C3037498 C3037499 C3037500 C3037501 C3037502 C3037503
   SRCGROUP BNSFcons C3037504 C3037505 C3037506 C3037507 C4037508 C4037509
   SRCGROUP BNSFcons C4037510 C4037511 C4037512 C4037513 C4037514 C4037515
   SRCGROUP BNSFcons C4037516 C4037517 C4037518 C4037519 C4037520 C4037521
   SRCGROUP BNSFcons C4037522 C4037523 C4037524 C4037525 C4037526 C4037527
   SRCGROUP BNSFcons C4037528 C4037529 C4037530 C4037531 C4037532 C4037533
   SRCGROUP BNSFcons C4037534 C4037535 C4037536 C4037537 C4037538
   SRCGROUP ALL
SO FINISHED
**
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
   INCLUDED BNSF_Con_CO.rou
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
```

```
ME STARTING
   SURFFILE ..\_References\FontanaADJU\FONT_V9_ADJU\FONT_v9.SFC
   PROFFILE ..\_References\FontanaADJU\FONT_V9_ADJU\FONT_v9.PFL
   SURFDATA 3102 2011
   UAIRDATA 3190 2011
   SITEDATA 99999 2011
   PROFBASE 367.0 METERS
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
   RECTABLE 8 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST BNSF_CON_CO.AD\01H1GALL.PLT 31
   PLOTFILE 8 ALL 1ST BNSF_CON_CO.AD\08H1GALL.PLT 32
   PLOTFILE 1 BNSFcons 1ST BNSF_CON_CO.AD\01H1G001.PLT 33
   PLOTFILE 8 BNSFcons 1ST BNSF_CON_CO.AD\08H1G001.PLT 34
   SUMMFILE BNSF_Con_CO.sum
OU FINISHED


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

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

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


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


    ********   WARNING MESSAGES   ********
 ME W186    1112       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187    1112       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


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

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

 *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        08:39:22

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

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

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

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

 **Model Uses URBAN Dispersion Algorithm for the SBL for   449 Source(s),
   for Total of    1 Urban Area(s):
   Urban Population =    216995.0 ;  Urban Roughness Length =  1.000 m

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

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

 **Model Assumes No FLAGPOLE Receptor Heights.

 **The User Specified a Pollutant Type of:  CO

 **Model Calculates  2 Short Term Average(s) of:   1-HR   8-HR

 **This Run Includes:    449 Source(s);       2 Source Group(s); and    1037
Receptor(s)
```

```
                                BNSF Ono_Con_PM25.ADO
                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    449 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with      0 line(s)


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

 **The AERMET Input Meteorological Data Version Date:  16216

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

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

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   367.00 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC                                ;
Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.9 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   BNSF_Con_CO.err

 **File for Summary of Results:   BNSF_Con_CO.sum

 *** AERMOD - VERSION  19191 ***   *** Construction CO
                           ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 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
C3037090	0	0.35192E-03	472029.0	3774428.5	331.1	5.00	4.51	3.64	YES	
C3037091	0	0.35192E-03	472028.7	3774438.2	331.2	5.00	4.51	3.64	YES	
C3037092	0	0.35192E-03	472028.5	3774447.9	331.3	5.00	4.51	3.64	YES	
C3037093	0	0.35192E-03	472028.3	3774457.6	331.4	5.00	4.51	3.64	YES	
C3037094	0	0.35192E-03	472028.1	3774467.3	331.5	5.00	4.51	3.64	YES	
C3037095	0	0.35192E-03	472027.9	3774477.0	331.6	5.00	4.51	3.64	YES	
C3037096	0	0.35192E-03	472022.4	3774484.7	331.7	5.00	4.51	3.64	YES	
C3037097	0	0.35192E-03	472016.3	3774492.3	331.9	5.00	4.51	3.64	YES	
C3037098	0	0.35192E-03	472010.2	3774499.8	332.0	5.00	4.51	3.64	YES	
C3037099	0	0.35192E-03	472004.1	3774507.4	332.1	5.00	4.51	3.64	YES	
C3037100	0	0.35192E-03	472001.7	3774515.7	332.2	5.00	4.51	3.64	YES	
C3037101	0	0.35192E-03	472004.4	3774525.0	332.3	5.00	4.51	3.64	YES	
C3037102	0	0.35192E-03	472007.0	3774534.3	332.4	5.00	4.51	3.64	YES	
C3037103	0	0.35192E-03	472009.7	3774543.7	332.5	5.00	4.51	3.64	YES	
C3037104	0	0.35192E-03	472012.3	3774553.0	332.6	5.00	4.51	3.64	YES	
C3037105	0	0.35192E-03	472017.3	3774561.1	332.5	5.00	4.51			

```
3.64     YES
 C3037106         0   0.35192E-03  472023.5 3774568.6   332.4     5.00     4.51
3.64     YES
 C3037107         0   0.35192E-03  472029.7 3774576.0   332.3     5.00     4.51
3.64     YES
 C3037108         0   0.35192E-03  472031.7 3774584.9   332.3     5.00     4.51
3.64     YES
 C3037109         0   0.35192E-03  472031.5 3774594.6   332.4     5.00     4.51
3.64     YES
 C3037110         0   0.35192E-03  472031.2 3774604.3   332.5     5.00     4.51
3.64     YES
 C3037111         0   0.35192E-03  472031.0 3774614.0   332.6     5.00     4.51
3.64     YES
 C3037112         0   0.35192E-03  472030.8 3774623.7   332.7     5.00     4.51
3.64     YES
 C3037113         0   0.35192E-03  472030.5 3774633.4   332.8     5.00     4.51
3.64     YES
 C3037114         0   0.35192E-03  472030.3 3774643.1   332.9     5.00     4.51
3.64     YES
 C3037115         0   0.35192E-03  472030.1 3774652.8   333.0     5.00     4.51
3.64     YES
 C3037116         0   0.35192E-03  472029.8 3774662.5   333.0     5.00     4.51
3.64     YES
 C3037117         0   0.35192E-03  472029.6 3774672.2   333.1     5.00     4.51
3.64     YES
 C3037118         0   0.35192E-03  472029.4 3774681.9   333.1     5.00     4.51
3.64     YES
 C3037119         0   0.35192E-03  472024.1 3774689.5   333.3     5.00     4.51
3.64     YES
 C3037120         0   0.35192E-03  472017.4 3774696.5   333.4     5.00     4.51
3.64     YES
 C3037121         0   0.35192E-03  472010.7 3774703.5   333.6     5.00     4.51
3.64     YES
 C3037122         0   0.35192E-03  472003.9 3774710.4   333.6     5.00     4.51
3.64     YES
 C3037123         0   0.35192E-03  472002.4 3774719.6   333.7     5.00     4.51
3.64     YES
 C3037124         0   0.35192E-03  472002.1 3774729.3   333.7     5.00     4.51
3.64     YES
 C3037125         0   0.35192E-03  472001.8 3774739.0   333.8     5.00     4.51
3.64     YES
 C3037126         0   0.35192E-03  472001.5 3774748.7   333.8     5.00     4.51
3.64     YES
 C3037127         0   0.35192E-03  472002.0 3774757.6   333.9     5.00     4.51
3.64     YES
 C3037128         0   0.35192E-03  472011.7 3774758.3   333.8     5.00     4.51
3.64     YES
 C3037129         0   0.35192E-03  472021.4 3774758.9   333.7     5.00     4.51
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3.64     YES
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        08:39:22

                                   PAGE   3
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

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

 C3037130         0   0.35192E-03  472028.5 3774762.0   333.6     5.00     4.51
3.64     YES
 C3037131         0   0.35192E-03  472028.5 3774771.7   333.7     5.00     4.51
3.64     YES
 C3037132         0   0.35192E-03  472028.6 3774781.4   333.8     5.00     4.51
3.64     YES
 C3037133         0   0.35192E-03  472028.7 3774791.1   333.9     5.00     4.51
3.64     YES
 C3037134         0   0.35192E-03  472028.8 3774800.8   333.9     5.00     4.51
3.64     YES
 C3037135         0   0.35192E-03  472028.8 3774810.5   334.0     5.00     4.51
3.64     YES
 C3037136         0   0.35192E-03  472028.9 3774820.2   334.0     5.00     4.51
3.64     YES
 C3037137         0   0.35192E-03  472029.0 3774829.9   334.1     5.00     4.51
3.64     YES
 C3037138         0   0.35192E-03  472027.0 3774838.8   334.2     5.00     4.51
3.64     YES
 C3037139         0   0.35192E-03  472020.1 3774845.5   334.3     5.00     4.51
3.64     YES
 C3037140         0   0.35192E-03  472014.4 3774852.9   334.4     5.00     4.51
3.64     YES
 C3037141         0   0.35192E-03  472013.4 3774862.6   334.5     5.00     4.51
3.64     YES
 C3037142         0   0.35192E-03  472012.3 3774872.2   334.6     5.00     4.51
3.64     YES
 C3037143         0   0.35192E-03  472011.2 3774881.8   334.8     5.00     4.51
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3.64     YES
 C3037144         0   0.35192E-03  472018.3 3774888.3   334.8     5.00     4.51
3.64     YES
 C3037145         0   0.35192E-03  472025.6 3774894.8   334.7     5.00     4.51
3.64     YES
 C3037146         0   0.35192E-03  472030.5 3774902.3   334.7     5.00     4.51
3.64     YES
 C3037147         0   0.35192E-03  472030.7 3774912.0   334.8     5.00     4.51
3.64     YES
 C3037148         0   0.35192E-03  472030.9 3774921.7   334.9     5.00     4.51
3.64     YES
 C3037149         0   0.35192E-03  472031.1 3774931.4   335.0     5.00     4.51
3.64     YES
 C3037150         0   0.35192E-03  472031.3 3774941.1   335.1     5.00     4.51
3.64     YES
 C3037151         0   0.35192E-03  472031.5 3774950.8   335.2     5.00     4.51
3.64     YES
 C3037152         0   0.35192E-03  472031.7 3774960.5   335.3     5.00     4.51
3.64     YES
 C3037153         0   0.35192E-03  472031.9 3774970.2   335.4     5.00     4.51
3.64     YES
 C3037154         0   0.35192E-03  472032.1 3774979.9   335.6     5.00     4.51
3.64     YES
 C3037155         0   0.35192E-03  472032.3 3774989.6   335.8     5.00     4.51
3.64     YES
 C3037156         0   0.35192E-03  472032.5 3774999.3   336.1     5.00     4.51
3.64     YES
 C3037157         0   0.35192E-03  472032.6 3775009.0   336.4     5.00     4.51
3.64     YES
 C3037158         0   0.35192E-03  472032.8 3775018.7   336.7     5.00     4.51
3.64     YES
 C3037159         0   0.35192E-03  472033.0 3775028.4   336.8     5.00     4.51
3.64     YES
 C3037160         0   0.35192E-03  472033.2 3775038.1   336.6     5.00     4.51
3.64     YES
 C3037161         0   0.35192E-03  472033.4 3775047.8   336.4     5.00     4.51
3.64     YES
 C3037162         0   0.35192E-03  472033.6 3775057.4   336.3     5.00     4.51
3.64     YES
 C3037163         0   0.35192E-03  472033.8 3775067.1   336.4     5.00     4.51
3.64     YES
 C3037164         0   0.35192E-03  472034.3 3775076.8   336.4     5.00     4.51
3.64     YES
 C3037165         0   0.35192E-03  472034.9 3775086.5   336.4     5.00     4.51
3.64     YES
 C3037166         0   0.35192E-03  472035.4 3775096.2   336.5     5.00     4.51
3.64     YES
 C3037167         0   0.35192E-03  472036.0 3775105.9   336.5     5.00     4.51
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3.64     YES
 C3037168         0   0.35192E-03  472036.5 3775115.6   336.6     5.00     4.51
3.64     YES
 C3037169         0   0.35192E-03  472037.1 3775125.3   336.7     5.00     4.51
3.64     YES
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        08:39:22

                                   PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

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

 C3037170         0   0.35192E-03  472037.7 3775134.9   336.8     5.00     4.51
3.64     YES
 C3037171         0   0.35192E-03  472038.2 3775144.6   336.9     5.00     4.51
3.64     YES
 C3037172         0   0.35192E-03  472038.8 3775154.3   336.9     5.00     4.51
3.64     YES
 C3037173         0   0.35192E-03  472039.3 3775164.0   337.0     5.00     4.51
3.64     YES
 C3037174         0   0.35192E-03  472039.9 3775173.7   337.1     5.00     4.51
3.64     YES
 C3037175         0   0.35192E-03  472040.5 3775183.4   337.2     5.00     4.51
3.64     YES
 C3037176         0   0.35192E-03  472041.0 3775193.0   337.3     5.00     4.51
3.64     YES
 C3037177         0   0.35192E-03  472041.6 3775202.7   337.4     5.00     4.51
3.64     YES
 C3037178         0   0.35192E-03  472042.1 3775212.4   337.5     5.00     4.51
3.64     YES
 C3037179         0   0.35192E-03  472042.7 3775222.1   337.5     5.00     4.51
3.64     YES
 C3037180         0   0.35192E-03  472043.2 3775231.8   337.6     5.00     4.51
3.64     YES
 C3037181         0   0.35192E-03  472043.8 3775241.5   337.7     5.00     4.51
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3.64     YES
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3.64     YES
 C3037183         0   0.35192E-03  472037.7 3775257.2   338.0     5.00     4.51
3.64     YES
 C3037184         0   0.35192E-03  472029.6 3775262.6   338.2     5.00     4.51
3.64     YES
 C3037185         0   0.35192E-03  472023.7 3775269.1   338.3     5.00     4.51
3.64     YES
 C3037186         0   0.35192E-03  472023.9 3775278.8   338.4     5.00     4.51
3.64     YES
 C3037187         0   0.35192E-03  472024.1 3775288.5   338.5     5.00     4.51
3.64     YES
 C3037188         0   0.35192E-03  472024.3 3775298.2   338.6     5.00     4.51
3.64     YES
 C3037189         0   0.35192E-03  472024.6 3775307.9   338.7     5.00     4.51
3.64     YES
 C3037190         0   0.35192E-03  472024.8 3775317.6   338.7     5.00     4.51
3.64     YES
 C3037191         0   0.35192E-03  472025.0 3775327.3   338.8     5.00     4.51
3.64     YES
 C3037192         0   0.35192E-03  472025.3 3775337.0   338.9     5.00     4.51
3.64     YES
 C3037193         0   0.35192E-03  472025.5 3775346.7   339.0     5.00     4.51
3.64     YES
 C3037194         0   0.35192E-03  472025.7 3775356.4   339.1     5.00     4.51
3.64     YES
 C3037195         0   0.35192E-03  472025.9 3775366.1   339.2     5.00     4.51
3.64     YES
 C3037196         0   0.35192E-03  472026.2 3775375.8   339.4     5.00     4.51
3.64     YES
 C3037197         0   0.35192E-03  472026.4 3775385.5   339.5     5.00     4.51
3.64     YES
 C3037198         0   0.35192E-03  472026.6 3775395.1   339.6     5.00     4.51
3.64     YES
 C3037199         0   0.35192E-03  472026.8 3775404.8   339.7     5.00     4.51
3.64     YES
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3.64     YES
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3.64     YES
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3.64     YES
 C3037203         0   0.35192E-03  471991.9 3775420.6   340.2     5.00     4.51
3.64     YES
 C3037204         0   0.35192E-03  471995.4 3775427.6   340.2     5.00     4.51
3.64     YES
 C3037205         0   0.35192E-03  472001.3 3775435.3   340.2     5.00     4.51
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3.64     YES
 C3037206         0   0.35192E-03  472007.2 3775443.0   340.2     5.00     4.51
3.64     YES
 C3037207         0   0.35192E-03  472013.1 3775450.6   340.3     5.00     4.51
3.64     YES
 C3037208         0   0.35192E-03  472019.0 3775458.3   340.4     5.00     4.51
3.64     YES
 C3037209         0   0.35192E-03  472020.8 3775467.5   340.5     5.00     4.51
3.64     YES
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                     *** VOLUME SOURCE DATA ***

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

 C3037210         0   0.35192E-03  472020.8 3775477.2   340.6     5.00     4.51
3.64     YES
 C3037211         0   0.35192E-03  472020.9 3775486.9   340.8     5.00     4.51
3.64     YES
 C3037212         0   0.35192E-03  472021.0 3775496.6   340.8     5.00     4.51
3.64     YES
 C3037213         0   0.35192E-03  472021.0 3775506.3   340.9     5.00     4.51
3.64     YES
 C3037214         0   0.35192E-03  472021.1 3775516.0   340.9     5.00     4.51
3.64     YES
 C3037215         0   0.35192E-03  472021.2 3775525.7   341.0     5.00     4.51
3.64     YES
 C3037216         0   0.35192E-03  472021.2 3775535.4   341.1     5.00     4.51
3.64     YES
 C3037217         0   0.35192E-03  472021.3 3775545.1   341.1     5.00     4.51
3.64     YES
 C3037218         0   0.35192E-03  472021.4 3775554.8   341.2     5.00     4.51
3.64     YES
 C3037219         0   0.35192E-03  472021.4 3775564.5   341.4     5.00     4.51
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3.64     YES
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3.64     YES
 C3037221         0   0.35192E-03  472022.1 3775583.8   341.7     5.00     4.51
3.64     YES
 C3037222         0   0.35192E-03  472022.7 3775593.5   342.0     5.00     4.51
3.64     YES
 C3037223         0   0.35192E-03  472023.4 3775603.2   342.3     5.00     4.51
3.64     YES
 C3037224         0   0.35192E-03  472024.0 3775612.9   342.8     5.00     4.51
3.64     YES
 C3037225         0   0.35192E-03  472028.6 3775620.6   343.1     5.00     4.51
3.64     YES
 C3037226         0   0.35192E-03  472035.9 3775626.9   342.5     5.00     4.51
3.64     YES
 C3037227         0   0.35192E-03  472043.3 3775633.3   341.7     5.00     4.51
3.64     YES
 C3037228         0   0.35192E-03  472046.8 3775641.3   341.4     5.00     4.51
3.64     YES
 C3037229         0   0.35192E-03  472046.7 3775651.0   341.5     5.00     4.51
3.64     YES
 C3037230         0   0.35192E-03  472046.6 3775660.7   341.6     5.00     4.51
3.64     YES
 C3037231         0   0.35192E-03  472046.5 3775670.4   341.6     5.00     4.51
3.64     YES
 C3037232         0   0.35192E-03  472046.4 3775680.1   341.8     5.00     4.51
3.64     YES
 C3037233         0   0.35192E-03  472046.3 3775689.8   341.9     5.00     4.51
3.64     YES
 C3037234         0   0.35192E-03  472046.2 3775699.5   342.1     5.00     4.51
3.64     YES
 C3037235         0   0.35192E-03  472046.1 3775709.2   342.2     5.00     4.51
3.64     YES
 C3037236         0   0.35192E-03  472046.0 3775718.9   342.3     5.00     4.51
3.64     YES
 C3037237         0   0.35192E-03  472045.9 3775728.6   342.3     5.00     4.51
3.64     YES
 C3037238         0   0.35192E-03  472045.8 3775738.3   342.4     5.00     4.51
3.64     YES
 C3037239         0   0.35192E-03  472045.7 3775748.0   342.5     5.00     4.51
3.64     YES
 C3037240         0   0.35192E-03  472045.6 3775757.7   342.6     5.00     4.51
3.64     YES
 C3037241         0   0.35192E-03  472045.5 3775767.4   342.7     5.00     4.51
3.64     YES
 C3037242         0   0.35192E-03  472045.4 3775777.1   342.9     5.00     4.51
3.64     YES
 C3037243         0   0.35192E-03  472045.3 3775786.8   343.1     5.00     4.51
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3.64     YES
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3.64     YES
 C3037245         0   0.35192E-03  472045.1 3775806.2   343.5     5.00     4.51
3.64     YES
 C3037246         0   0.35192E-03  472045.0 3775815.9   343.7     5.00     4.51
3.64     YES
 C3037247         0   0.35192E-03  472044.9 3775825.6   343.9     5.00     4.51
3.64     YES
 C3037248         0   0.35192E-03  472044.8 3775835.3   344.0     5.00     4.51
3.64     YES
 C3037249         0   0.35192E-03  472044.7 3775845.0   344.0     5.00     4.51
3.64     YES
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                     *** VOLUME SOURCE DATA ***

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

 C3037250         0   0.35192E-03  472044.6 3775854.7   344.0     5.00     4.51
3.64     YES
 C3037251         0   0.35192E-03  472044.5 3775864.4   344.0     5.00     4.51
3.64     YES
 C3037252         0   0.35192E-03  472044.5 3775874.1   344.0     5.00     4.51
3.64     YES
 C3037253         0   0.35192E-03  472044.5 3775883.8   344.0     5.00     4.51
3.64     YES
 C3037254         0   0.35192E-03  472044.5 3775893.5   344.0     5.00     4.51
3.64     YES
 C3037255         0   0.35192E-03  472044.5 3775903.2   344.0     5.00     4.51
3.64     YES
 C3037256         0   0.35192E-03  472044.5 3775912.9   344.1     5.00     4.51
3.64     YES
 C3037257         0   0.35192E-03  472044.5 3775922.6   344.1     5.00     4.51
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3.64     YES
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3.64     YES
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3.64     YES
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3.64     YES
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3.64     YES
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3.64     YES
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3.64     YES
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3.64     YES
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3.64     YES
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3.64     YES
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3.64     YES
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3.64     YES
 C3037269         0   0.35192E-03  472026.7 3776033.1   345.4     5.00     4.51
3.64     YES
 C3037270         0   0.35192E-03  472023.6 3776041.7   345.5     5.00     4.51
3.64     YES
 C3037271         0   0.35192E-03  472023.9 3776051.4   345.6     5.00     4.51
3.64     YES
 C3037272         0   0.35192E-03  472024.1 3776061.1   345.7     5.00     4.51
3.64     YES
 C3037273         0   0.35192E-03  472024.4 3776070.8   345.7     5.00     4.51
3.64     YES
 C3037274         0   0.35192E-03  472024.6 3776080.5   345.8     5.00     4.51
3.64     YES
 C3037275         0   0.35192E-03  472024.9 3776090.2   345.8     5.00     4.51
3.64     YES
 C3037276         0   0.35192E-03  472025.1 3776099.9   345.9     5.00     4.51
3.64     YES
 C3037277         0   0.35192E-03  472025.4 3776109.6   345.9     5.00     4.51
3.64     YES
 C3037278         0   0.35192E-03  472025.6 3776119.3   346.0     5.00     4.51
3.64     YES
 C3037279         0   0.35192E-03  472025.9 3776129.0   346.0     5.00     4.51
3.64     YES
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3.64     YES
 C3037281         0   0.35192E-03  472026.6 3776148.4   346.1     5.00     4.51
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3.64     YES
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3.64     YES
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3.64     YES
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3.64     YES
 C3037286         0   0.35192E-03  472033.3 3776196.4   346.5     5.00     4.51
3.64     YES
 C3037287         0   0.35192E-03  472034.6 3776206.0   346.5     5.00     4.51
3.64     YES
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3.64     YES
 C3037289         0   0.35192E-03  472035.3 3776225.3   346.6     5.00     4.51
3.64     YES
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                     *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 C3037290         0   0.35192E-03  472034.3 3776234.9   346.6     5.00     4.51
3.64     YES
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3.64     YES
 C3037292         0   0.35192E-03  472032.4 3776254.2   346.6     5.00     4.51
3.64     YES
 C3037293         0   0.35192E-03  472031.4 3776263.9   346.4     5.00     4.51
3.64     YES
 C3037294         0   0.35192E-03  472030.5 3776273.5   346.3     5.00     4.51
3.64     YES
 C3037295         0   0.35192E-03  472029.5 3776283.2   346.3     5.00     4.51
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3.64     YES
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3.64     YES
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3.64     YES
 C3037298         0   0.35192E-03  472026.0 3776312.0   346.1     5.00     4.51
3.64     YES
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3.64     YES
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3.64     YES
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3.64     YES
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3.64     YES
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3.64     YES
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3.64     YES
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3.64     YES
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3.64     YES
 C3037307         0   0.35192E-03  471995.9 3776389.7   347.3     5.00     4.51
3.64     YES
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3.64     YES
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3.64     YES
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3.64     YES
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3.64     YES
 C3037312         0   0.35192E-03  471992.1 3776437.5   346.0     5.00     4.51
3.64     YES
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3.64     YES
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3.64     YES
 C3037315         0   0.35192E-03  471979.7 3776463.9   346.5     5.00     4.51
3.64     YES
 C3037316         0   0.35192E-03  471975.6 3776472.7   346.9     5.00     4.51
3.64     YES
 C3037317         0   0.35192E-03  471971.5 3776481.5   347.2     5.00     4.51
3.64     YES
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3.64     YES
 C3037319         0   0.35192E-03  471963.3 3776499.0   347.3     5.00     4.51
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3.64     YES
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3.64     YES
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3.64     YES
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3.64     YES
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3.64     YES
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3.64     YES
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3.64     YES
 C3037328         0   0.35192E-03  471926.2 3776578.1   348.3     5.00     4.51
3.64     YES
 C3037329         0   0.35192E-03  471919.5 3776580.7   348.8     5.00     4.51
3.64     YES
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                   *** VOLUME SOURCE DATA ***

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

 C3037330         0   0.35192E-03  471910.4 3776577.5   349.6     5.00     4.51
3.64     YES
 C3037331         0   0.35192E-03  471901.2 3776574.3   350.0     5.00     4.51
3.64     YES
 C3037332         0   0.35192E-03  471898.6 3776582.0   350.0     5.00     4.51
3.64     YES
 C3037333         0   0.35192E-03  471897.2 3776591.6   350.0     5.00     4.51
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3.64     YES
 C3037334         0   0.35192E-03  471895.7 3776601.2   349.9     5.00     4.51
3.64     YES
 C3037335         0   0.35192E-03  471894.2 3776610.8   349.7     5.00     4.51
3.64     YES
 C3037336         0   0.35192E-03  471892.8 3776620.4   349.4     5.00     4.51
3.64     YES
 C3037337         0   0.35192E-03  471886.4 3776627.6   349.5     5.00     4.51
3.64     YES
 C3037338         0   0.35192E-03  471879.7 3776634.6   349.9     5.00     4.51
3.64     YES
 C3037339         0   0.35192E-03  471873.0 3776641.6   350.2     5.00     4.51
3.64     YES
 C3037340         0   0.35192E-03  471866.4 3776648.6   350.3     5.00     4.51
3.64     YES
 C3037341         0   0.35192E-03  471859.7 3776655.6   350.4     5.00     4.51
3.64     YES
 C3037342         0   0.35192E-03  471853.0 3776662.7   350.7     5.00     4.51
3.64     YES
 C3037343         0   0.35192E-03  471846.3 3776669.7   351.0     5.00     4.51
3.64     YES
 C3037344         0   0.35192E-03  471839.6 3776676.7   351.1     5.00     4.51
3.64     YES
 C3037345         0   0.35192E-03  471832.9 3776683.7   351.2     5.00     4.51
3.64     YES
 C3037346         0   0.35192E-03  471826.2 3776690.7   351.4     5.00     4.51
3.64     YES
 C3037347         0   0.35192E-03  471819.5 3776697.7   351.6     5.00     4.51
3.64     YES
 C3037348         0   0.35192E-03  471812.8 3776704.8   351.8     5.00     4.51
3.64     YES
 C3037349         0   0.35192E-03  471806.1 3776711.8   351.8     5.00     4.51
3.64     YES
 C3037350         0   0.35192E-03  471799.4 3776718.8   352.0     5.00     4.51
3.64     YES
 C3037351         0   0.35192E-03  471792.7 3776725.8   352.2     5.00     4.51
3.64     YES
 C3037352         0   0.35192E-03  471785.4 3776732.1   352.4     5.00     4.51
3.64     YES
 C3037353         0   0.35192E-03  471777.7 3776738.1   352.5     5.00     4.51
3.64     YES
 C3037354         0   0.35192E-03  471770.1 3776744.1   352.7     5.00     4.51
3.64     YES
 C3037355         0   0.35192E-03  471762.5 3776750.1   352.8     5.00     4.51
3.64     YES
 C3037356         0   0.35192E-03  471754.8 3776756.0   353.0     5.00     4.51
3.64     YES
 C3037357         0   0.35192E-03  471747.2 3776762.0   353.1     5.00     4.51
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3.64     YES
 C3037358         0   0.35192E-03  471739.5 3776768.0   353.3     5.00     4.51
3.64     YES
 C3037359         0   0.35192E-03  471731.9 3776774.0   353.4     5.00     4.51
3.64     YES
 C3037360         0   0.35192E-03  471724.3 3776780.0   353.5     5.00     4.51
3.64     YES
 C3037361         0   0.35192E-03  471716.6 3776785.9   353.7     5.00     4.51
3.64     YES
 C3037362         0   0.35192E-03  471709.0 3776791.9   353.8     5.00     4.51
3.64     YES
 C3037363         0   0.35192E-03  471701.3 3776797.9   353.9     5.00     4.51
3.64     YES
 C3037364         0   0.35192E-03  471693.7 3776803.9   354.0     5.00     4.51
3.64     YES
 C3037365         0   0.35192E-03  471686.1 3776809.8   354.1     5.00     4.51
3.64     YES
 C3037366         0   0.35192E-03  471678.4 3776815.8   354.2     5.00     4.51
3.64     YES
 C3037367         0   0.35192E-03  471670.7 3776821.7   354.4     5.00     4.51
3.64     YES
 C3037368         0   0.35192E-03  471663.0 3776827.6   354.4     5.00     4.51
3.64     YES
 C3037369         0   0.35192E-03  471655.3 3776833.5   354.5     5.00     4.51
3.64     YES
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                   *** VOLUME SOURCE DATA ***

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

 C3037370         0   0.35192E-03  471647.7 3776839.5   354.6     5.00     4.51
3.64     YES
 C3037371         0   0.35192E-03  471640.0 3776845.4   354.8     5.00     4.51
```

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3.64     YES
 C3037372         0   0.35192E-03  471632.3 3776851.3   354.9     5.00     4.51
3.64     YES
 C3037373         0   0.35192E-03  471624.6 3776857.3   354.9     5.00     4.51
3.64     YES
 C3037374         0   0.35192E-03  471617.0 3776863.2   355.0     5.00     4.51
3.64     YES
 C3037375         0   0.35192E-03  471609.3 3776869.1   355.1     5.00     4.51
3.64     YES
 C3037376         0   0.35192E-03  471601.6 3776875.1   355.3     5.00     4.51
3.64     YES
 C3037377         0   0.35192E-03  471593.9 3776881.0   355.4     5.00     4.51
3.64     YES
 C3037378         0   0.35192E-03  471586.3 3776886.9   355.6     5.00     4.51
3.64     YES
 C3037379         0   0.35192E-03  471578.7 3776893.0   355.7     5.00     4.51
3.64     YES
 C3037380         0   0.35192E-03  471571.2 3776899.1   355.8     5.00     4.51
3.64     YES
 C3037381         0   0.35192E-03  471563.6 3776905.2   356.0     5.00     4.51
3.64     YES
 C3037382         0   0.35192E-03  471556.0 3776911.3   356.2     5.00     4.51
3.64     YES
 C3037383         0   0.35192E-03  471548.5 3776917.3   356.4     5.00     4.51
3.64     YES
 C3037384         0   0.35192E-03  471540.9 3776923.4   356.5     5.00     4.51
3.64     YES
 C3037385         0   0.35192E-03  471533.4 3776929.5   356.6     5.00     4.51
3.64     YES
 C3037386         0   0.35192E-03  471525.8 3776935.6   356.6     5.00     4.51
3.64     YES
 C3037387         0   0.35192E-03  471518.2 3776941.7   356.8     5.00     4.51
3.64     YES
 C3037388         0   0.35192E-03  471510.7 3776947.7   356.9     5.00     4.51
3.64     YES
 C3037389         0   0.35192E-03  471503.1 3776953.8   357.0     5.00     4.51
3.64     YES
 C3037390         0   0.35192E-03  471495.6 3776959.9   357.1     5.00     4.51
3.64     YES
 C3037391         0   0.35192E-03  471488.0 3776966.0   357.2     5.00     4.51
3.64     YES
 C3037392         0   0.35192E-03  471480.5 3776972.0   357.3     5.00     4.51
3.64     YES
 C3037393         0   0.35192E-03  471472.9 3776978.1   357.4     5.00     4.51
3.64     YES
 C3037394         0   0.35192E-03  471465.3 3776984.2   357.5     5.00     4.51
3.64     YES
 C3037395         0   0.35192E-03  471457.8 3776990.3   357.6     5.00     4.51
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3.64     YES
 C3037396         0   0.35192E-03  471450.2 3776996.4   357.7     5.00     4.51
3.64     YES
 C3037397         0   0.35192E-03  471442.7 3777002.4   357.9     5.00     4.51
3.64     YES
 C3037398         0   0.35192E-03  471435.1 3777008.5   358.0     5.00     4.51
3.64     YES
 C3037399         0   0.35192E-03  471427.5 3777014.6   358.1     5.00     4.51
3.64     YES
 C3037400         0   0.35192E-03  471420.0 3777020.7   358.2     5.00     4.51
3.64     YES
 C3037401         0   0.35192E-03  471412.4 3777026.8   358.3     5.00     4.51
3.64     YES
 C3037402         0   0.35192E-03  471404.9 3777032.8   358.4     5.00     4.51
3.64     YES
 C3037403         0   0.35192E-03  471397.3 3777038.9   358.5     5.00     4.51
3.64     YES
 C3037404         0   0.35192E-03  471389.8 3777045.0   358.6     5.00     4.51
3.64     YES
 C3037405         0   0.35192E-03  471382.2 3777051.1   358.7     5.00     4.51
3.64     YES
 C3037406         0   0.35192E-03  471374.6 3777057.1   358.8     5.00     4.51
3.64     YES
 C3037407         0   0.35192E-03  471367.0 3777063.2   359.0     5.00     4.51
3.64     YES
 C3037408         0   0.35192E-03  471359.4 3777069.2   359.1     5.00     4.51
3.64     YES
 C3037409         0   0.35192E-03  471351.8 3777075.2   359.2     5.00     4.51
3.64     YES
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                   *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 C3037410          0   0.35192E-03  471344.2 3777081.3   359.4     5.00     4.51
3.64     YES
 C3037411          0   0.35192E-03  471336.6 3777087.3   359.5     5.00     4.51
3.64     YES
 C3037412          0   0.35192E-03  471329.1 3777093.3   359.6     5.00     4.51
3.64     YES
 C3037413          0   0.35192E-03  471321.5 3777099.4   359.8     5.00     4.51
3.64     YES
 C3037414          0   0.35192E-03  471313.9 3777105.4   359.9     5.00     4.51
3.64     YES
 C3037415          0   0.35192E-03  471306.3 3777111.5   360.1     5.00     4.51
3.64     YES
 C3037416          0   0.35192E-03  471298.7 3777117.5   360.2     5.00     4.51
3.64     YES
 C3037417          0   0.35192E-03  471291.1 3777123.5   360.3     5.00     4.51
3.64     YES
 C3037418          0   0.35192E-03  471283.5 3777129.6   360.5     5.00     4.51
3.64     YES
 C3037419          0   0.35192E-03  471275.9 3777135.6   360.6     5.00     4.51
3.64     YES
 C3037420          0   0.35192E-03  471268.3 3777141.6   360.8     5.00     4.51
3.64     YES
 C3037421          0   0.35192E-03  471260.7 3777147.7   360.9     5.00     4.51
3.64     YES
 C3037422          0   0.35192E-03  471253.1 3777153.7   361.0     5.00     4.51
3.64     YES
 C3037423          0   0.35192E-03  471245.5 3777159.8   361.2     5.00     4.51
3.64     YES
 C3037424          0   0.35192E-03  471237.9 3777165.8   361.3     5.00     4.51
3.64     YES
 C3037425          0   0.35192E-03  471230.4 3777171.8   361.5     5.00     4.51
3.64     YES
 C3037426          0   0.35192E-03  471222.8 3777177.9   361.6     5.00     4.51
3.64     YES
 C3037427          0   0.35192E-03  471215.2 3777183.9   361.8     5.00     4.51
3.64     YES
 C3037428          0   0.35192E-03  471207.6 3777189.9   361.9     5.00     4.51
3.64     YES
 C3037429          0   0.35192E-03  471199.9 3777195.9   362.1     5.00     4.51
3.64     YES
 C3037430          0   0.35192E-03  471192.3 3777201.8   362.2     5.00     4.51
3.64     YES
 C3037431          0   0.35192E-03  471184.6 3777207.8   362.4     5.00     4.51
3.64     YES
 C3037432          0   0.35192E-03  471176.9 3777213.7   362.6     5.00     4.51
3.64     YES
 C3037433          0   0.35192E-03  471169.2 3777219.6   362.7     5.00     4.51
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3.64     YES
 C3037434         0   0.35192E-03  471161.5 3777225.5   362.9     5.00     4.51
3.64     YES
 C3037435         0   0.35192E-03  471153.8 3777231.4   363.0     5.00     4.51
3.64     YES
 C3037436         0   0.35192E-03  471146.1 3777237.3   363.2     5.00     4.51
3.64     YES
 C3037437         0   0.35192E-03  471138.5 3777243.3   363.4     5.00     4.51
3.64     YES
 C3037438         0   0.35192E-03  471130.8 3777249.2   363.6     5.00     4.51
3.64     YES
 C3037439         0   0.35192E-03  471123.1 3777255.1   363.8     5.00     4.51
3.64     YES
 C3037440         0   0.35192E-03  471115.4 3777261.0   363.9     5.00     4.51
3.64     YES
 C3037441         0   0.35192E-03  471107.7 3777266.9   364.1     5.00     4.51
3.64     YES
 C3037442         0   0.35192E-03  471100.0 3777272.9   364.4     5.00     4.51
3.64     YES
 C3037443         0   0.35192E-03  471092.3 3777278.8   364.6     5.00     4.51
3.64     YES
 C3037444         0   0.35192E-03  471084.7 3777284.7   364.7     5.00     4.51
3.64     YES
 C3037445         0   0.35192E-03  471077.0 3777290.6   364.9     5.00     4.51
3.64     YES
 C3037446         0   0.35192E-03  471069.3 3777296.5   365.1     5.00     4.51
3.64     YES
 C3037447         0   0.35192E-03  471061.6 3777302.4   365.2     5.00     4.51
3.64     YES
 C3037448         0   0.35192E-03  471053.9 3777308.4   365.4     5.00     4.51
3.64     YES
 C3037449         0   0.35192E-03  471046.2 3777314.3   365.6     5.00     4.51
3.64     YES
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***       08:39:22

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                 *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
```

```
     ID         CATS.                (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 C3037450         0   0.35192E-03  471038.5 3777320.2   365.7     5.00     4.51
3.64     YES
 C3037451         0   0.35192E-03  471031.0 3777326.3   365.9     5.00     4.51
3.64     YES
 C3037452         0   0.35192E-03  471023.7 3777332.7   366.1     5.00     4.51
3.64     YES
 C3037453         0   0.35192E-03  471016.4 3777339.1   366.2     5.00     4.51
3.64     YES
 C3037454         0   0.35192E-03  471009.1 3777345.5   366.4     5.00     4.51
3.64     YES
 C3037455         0   0.35192E-03  471001.8 3777351.9   366.5     5.00     4.51
3.64     YES
 C3037456         0   0.35192E-03  470994.5 3777358.2   366.7     5.00     4.51
3.64     YES
 C3037457         0   0.35192E-03  470987.2 3777364.6   366.9     5.00     4.51
3.64     YES
 C3037458         0   0.35192E-03  470979.9 3777371.0   367.1     5.00     4.51
3.64     YES
 C3037459         0   0.35192E-03  470972.6 3777377.4   367.3     5.00     4.51
3.64     YES
 C3037460         0   0.35192E-03  470965.3 3777383.8   367.4     5.00     4.51
3.64     YES
 C3037461         0   0.35192E-03  470958.0 3777390.2   367.6     5.00     4.51
3.64     YES
 C3037462         0   0.35192E-03  470950.7 3777396.6   367.8     5.00     4.51
3.64     YES
 C3037463         0   0.35192E-03  470943.4 3777403.0   368.0     5.00     4.51
3.64     YES
 C3037464         0   0.35192E-03  470936.1 3777409.3   368.2     5.00     4.51
3.64     YES
 C3037465         0   0.35192E-03  470928.8 3777415.7   368.4     5.00     4.51
3.64     YES
 C3037466         0   0.35192E-03  470921.5 3777422.1   368.5     5.00     4.51
3.64     YES
 C3037467         0   0.35192E-03  470914.5 3777428.8   368.7     5.00     4.51
3.64     YES
 C3037468         0   0.35192E-03  470907.6 3777435.7   368.9     5.00     4.51
3.64     YES
 C3037469         0   0.35192E-03  470900.8 3777442.5   369.1     5.00     4.51
3.64     YES
 C3037470         0   0.35192E-03  470893.9 3777449.4   369.3     5.00     4.51
3.64     YES
 C3037471         0   0.35192E-03  470887.1 3777456.3   369.5     5.00     4.51
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3.64     YES
 C3037472         0   0.35192E-03  470880.2 3777463.1   369.7     5.00     4.51
3.64     YES
 C3037473         0   0.35192E-03  470873.3 3777470.0   369.9     5.00     4.51
3.64     YES
 C3037474         0   0.35192E-03  470866.5 3777476.8   370.2     5.00     4.51
3.64     YES
 C3037475         0   0.35192E-03  470859.6 3777483.7   370.4     5.00     4.51
3.64     YES
 C3037476         0   0.35192E-03  470852.8 3777490.5   370.5     5.00     4.51
3.64     YES
 C3037477         0   0.35192E-03  470845.9 3777497.4   370.7     5.00     4.51
3.64     YES
 C3037478         0   0.35192E-03  470839.0 3777504.3   371.0     5.00     4.51
3.64     YES
 C3037479         0   0.35192E-03  470832.2 3777511.1   371.2     5.00     4.51
3.64     YES
 C3037480         0   0.35192E-03  470825.3 3777518.0   371.2     5.00     4.51
3.64     YES
 C3037481         0   0.35192E-03  470818.5 3777524.8   371.1     5.00     4.51
3.64     YES
 C3037482         0   0.35192E-03  470811.6 3777531.7   371.5     5.00     4.51
3.64     YES
 C3037483         0   0.35192E-03  470804.7 3777538.5   371.8     5.00     4.51
3.64     YES
 C3037484         0   0.35192E-03  470797.9 3777545.4   371.8     5.00     4.51
3.64     YES
 C3037485         0   0.35192E-03  470791.0 3777552.3   371.5     5.00     4.51
3.64     YES
 C3037486         0   0.35192E-03  470784.2 3777559.1   372.0     5.00     4.51
3.64     YES
 C3037487         0   0.35192E-03  470777.3 3777566.0   372.4     5.00     4.51
3.64     YES
 C3037488         0   0.35192E-03  470770.4 3777572.8   372.5     5.00     4.51
3.64     YES
 C3037489         0   0.35192E-03  470763.8 3777579.9   372.4     5.00     4.51
3.64     YES
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***       08:39:22

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


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

 C3037490         0   0.35192E-03  470757.5 3777587.3   372.9     5.00     4.51
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3.64     YES
 C3037493         0   0.35192E-03  470738.7 3777609.4   375.5     5.00     4.51
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 C3037494         0   0.35192E-03  470732.4 3777616.8   375.6     5.00     4.51
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3.64     YES
 C3037496         0   0.35192E-03  470719.8 3777631.6   375.8     5.00     4.51
3.64     YES
 C3037497         0   0.35192E-03  470713.5 3777639.0   375.4     5.00     4.51
3.64     YES
 C3037498         0   0.35192E-03  470707.2 3777646.4   375.5     5.00     4.51
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 C3037499         0   0.35192E-03  470700.9 3777653.8   375.7     5.00     4.51
3.64     YES
 C3037500         0   0.35192E-03  470694.6 3777661.1   375.6     5.00     4.51
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 C3037501         0   0.35192E-03  470688.4 3777668.5   375.4     5.00     4.51
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3.64     YES
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3.64     YES
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        08:39:22

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
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3.64     YES
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS
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*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS
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↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
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                                   PAGE  16
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINING SOURCE GROUPS
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*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS
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*** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***       08:39:22
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS
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 SRCGROUP ID                                                  SOURCE IDs
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↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS
***

 SRCGROUP ID                                                SOURCE IDs
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                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
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  URBAN ID   URBAN POP                                    SOURCE IDs
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↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


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

  URBAN ID   URBAN POP                                    SOURCE IDs
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URBAN ID	URBAN POP	SOURCE IDs
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C4037538 ,
*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

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

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

471773.4, 471823.4, 471873.4, 471923.4, 471973.4, 472023.4,

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

3774152.4, 3774202.4, 3774252.4, 3774302.4, 3774352.4, 3774402.4, 3774452.4,
3774502.4, 3774552.4, 3774602.4,
3774652.4, 3774702.4, 3774752.4, 3774802.4, 3774852.4, 3774902.4, 3774952.4,
3775002.4, 3775052.4, 3775102.4,
3775152.4, 3775202.4, 3775252.4, 3775302.4, 3775352.4, 3775402.4, 3775452.4,
3775502.4, 3775552.4, 3775602.4,
3775652.4, 3775702.4, 3775752.4, 3775802.4, 3775852.4, 3775902.4, 3775952.4,
3776002.4, 3776052.4, 3776102.4,

*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471773.42	471823.42	471873.42	471923.42	471973.42	472023.42
3776102.42	348.00	347.60	347.10	346.60	346.10	345.90
3776052.42	347.60	347.30	346.90	346.40	346.00	345.60
3776002.42	347.10	346.90	346.60	346.30	345.70	345.20
3775952.42	346.50	346.30	346.10	345.70	345.30	344.90
3775902.42	346.20	345.90	345.60	345.40	345.20	344.60
3775852.42	345.70	345.40	345.10	344.80	344.70	344.40
3775802.42	345.30	345.00	344.60	344.30	344.20	344.00
3775752.42	344.80	344.50	344.10	343.80	343.60	343.40
3775702.42	344.40	344.10	343.70	343.40	343.10	342.90
3775652.42	343.90	344.10	344.90	346.50	348.50	345.10
3775602.42	343.50	343.30	343.00	342.90	343.10	342.30
3775552.42	342.90	342.60	342.10	341.80	341.50	341.20
3775502.42	342.40	342.10	341.80	341.50	341.10	340.90
3775452.42	341.80	341.50	341.20	340.90	340.50	340.30
3775402.42	341.40	341.20	340.90	340.60	340.20	339.70
3775352.42	340.80	340.60	340.20	339.90	339.60	339.10
3775302.42	340.30	340.00	339.70	339.50	339.10	338.60
3775252.42	339.70	339.30	339.00	338.80	338.50	338.10
3775202.42	339.30	338.80	338.60	338.30	338.00	337.70
3775152.42	338.80	338.40	338.10	337.80	337.40	337.20
3775102.42	338.40	338.00	337.60	337.50	337.00	336.80

```
 3775052.42 |        337.90       337.40       337.20       337.50       338.00
  337.00
 3775002.42 |        337.60       337.10       336.90       337.20       338.50
  337.00
 3774952.42 |        337.20       336.80       336.50       336.00       335.60
  335.40
 3774902.42 |        336.90       336.40       336.10       335.50       335.20
  334.80
 3774852.42 |        336.60       336.10       335.70       335.10       334.70
  334.30
 3774802.42 |        336.20       335.70       335.30       334.70       334.30
  334.00
 3774752.42 |        335.90       335.40       335.10       334.50       334.10
  333.60
 3774702.42 |        335.50       335.10       334.90       334.30       333.90
  333.30
 3774652.42 |        335.10       334.70       334.40       334.00       333.70
  333.10
 3774602.42 |        334.60       334.10       333.90       333.50       333.20
  332.60
 3774552.42 |        334.30       333.80       333.60       333.10       332.90
  332.30
 3774502.42 |        333.80       333.30       332.90       332.50       332.30
  331.80
 3774452.42 |        333.50       332.90       332.50       331.90       331.80
  331.40
 3774402.42 |        332.80       332.40       331.90       331.50       331.20
  330.90
 3774352.42 |        332.30       331.90       331.60       331.10       330.70
  330.40
 3774302.42 |        331.70       331.30       331.00       330.60       330.20
  329.90
 3774252.42 |        331.40       330.80       331.50       332.00       330.90
  329.40
 3774202.42 |        330.70       330.70       332.80       336.00       334.40
  329.00
 3774152.42 |        330.70       330.40       330.20       330.70       330.20
  328.80
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* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471773.42	471823.42	471873.42	471923.42	471973.42	472023.42
3776102.42	348.00	347.60	347.10	346.60	346.10	345.90
3776052.42	347.60	347.30	346.90	346.40	346.00	345.60
3776002.42	347.10	346.90	346.60	346.30	345.70	345.20
3775952.42	346.50	346.30	346.10	345.70	345.30	344.90
3775902.42	346.20	345.90	345.60	345.40	345.20	344.60
3775852.42	345.70	345.40	345.10	344.80	344.70	344.40
3775802.42	345.30	345.00	344.60	344.30	344.20	344.00
3775752.42	344.80	344.50	344.10	343.80	343.60	343.40
3775702.42	344.40	344.10	343.70	343.40	350.60	350.60
3775652.42	343.90	344.10	344.90	348.60	350.60	350.60
3775602.42	343.50	343.30	343.00	350.60	350.60	350.60
3775552.42	342.90	342.60	342.10	341.80	350.60	341.20
3775502.42	342.40	342.10	341.80	341.50	341.10	340.90
3775452.42	341.80	341.50	341.20	340.90	340.50	340.30
3775402.42	341.40	341.20	340.90	340.60	340.20	339.70
3775352.42	340.80	340.60	340.20	339.90	339.60	339.10
3775302.42	340.30	340.00	339.70	339.50	339.10	338.60
3775252.42	339.70	339.30	339.00	338.80	338.50	338.10
3775202.42	339.30	338.80	338.60	338.30	338.00	337.70
3775152.42	338.80	338.40	338.10	337.80	337.40	

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 337.20
3775102.42 |        338.40       338.00       337.60       337.50       337.00
 336.80
3775052.42 |        337.90       337.40       337.20       337.50       342.30
 342.30
3775002.42 |        337.60       337.10       336.90       337.20       342.30
 342.30
3774952.42 |        337.20       336.80       336.50       336.00       335.60
 335.40
3774902.42 |        336.90       336.40       336.10       335.50       335.20
 334.80
3774852.42 |        336.60       336.10       335.70       335.10       334.70
 334.30
3774802.42 |        336.20       335.70       335.30       334.70       334.30
 334.00
3774752.42 |        335.90       335.40       335.10       334.50       334.10
 333.60
3774702.42 |        335.50       335.10       334.90       334.30       333.90
 333.30
3774652.42 |        335.10       334.70       334.40       334.00       333.70
 333.10
3774602.42 |        334.60       334.10       333.90       333.50       333.20
 332.60
3774552.42 |        334.30       333.80       333.60       333.10       332.90
 332.30
3774502.42 |        333.80       333.30       332.90       332.50       332.30
 331.80
3774452.42 |        333.50       332.90       332.50       331.90       331.80
 331.40
3774402.42 |        332.80       332.40       331.90       331.50       331.20
 330.90
3774352.42 |        332.30       331.90       331.60       331.10       330.70
 330.40
3774302.42 |        331.70       331.30       331.00       330.60       330.20
 329.90
3774252.42 |        331.40       330.80       331.50       336.80       337.30
 336.80
3774202.42 |        330.70       330.70       332.80       336.00       337.30
 337.30
3774152.42 |        330.70       330.40       330.20       337.30       337.30
 337.30
*** AERMOD - VERSION  19191 ***   *** Construction CO
                        ***        06/23/20
*** AERMET - VERSION  16216 ***   ***
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*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

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

471764.5, 471814.5, 471864.5, 471914.5, 471964.5, 472014.5,

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

3776102.8, 3776152.8, 3776202.8, 3776252.8, 3776302.8,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471764.54	471814.54	471864.54	471914.54	471964.54	472014.54
3776302.75	349.90	349.30	348.70	347.90	347.30	347.30
3776252.75	349.40	348.80	348.20	347.60	347.00	346.90
3776202.75	349.00	348.40	347.90	347.50	346.70	346.50
3776152.75	348.50	347.90	347.50	347.00	346.40	346.20
3776102.75	348.10	347.70	347.20	346.70	346.10	346.00

*** AERMOD - VERSION 19191 *** *** Construction CO ***
06/23/20
*** AERMET - VERSION 16216 *** *** ***
08:39:22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471764.54	471814.54	471864.54	471914.54	471964.54	472014.54
3776302.75	349.90	349.30	348.70	347.90	347.30	347.30
3776252.75	349.40	348.80	348.20	347.60	347.00	346.90
3776202.75	349.00	348.40	347.90	347.50	346.70	346.50
3776152.75	348.50	347.90	347.50	347.00	346.40	346.20
3776102.75	348.10	347.70	347.20	346.70	346.10	346.00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART ***

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

471756.6, 471806.6, 471856.6, 471906.6, 471956.6, 472006.6,

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

3776304.7, 3776354.7, 3776404.7, 3776454.7, 3776504.7,

*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471756.60	471806.60	471856.60	471906.60	471956.60	472006.60
3776504.71	351.30	350.60	350.10	349.40	347.80	344.40
3776454.71	351.10	350.60	350.50	350.50	349.40	343.80
3776404.71	350.80	350.20	350.20	351.40	349.60	345.10
3776354.71	350.30	349.70	349.00	348.30	347.80	347.00
3776304.71	350.00	349.40	348.80	348.00	347.40	347.20

*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471756.60	471806.60	471856.60	471906.60	471956.60	472006.60
3776504.71	351.30	350.60	350.10	349.40	349.50	

```
   353.50
  3776454.71 |        351.10       350.60       350.50       350.50       349.40
   352.00
  3776404.71 |        350.80       350.20       350.20       352.50       352.00
   352.00
  3776354.71 |        350.30       349.70       349.00       348.30       347.80
   347.00
  3776304.71 |        350.00       349.40       348.80       348.00       347.40
   347.20
```



```
                                        *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                   *** NETWORK ID: UCART4   ;  NETWORK TYPE:
GRIDCART ***

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

       471664.5,  471714.5,  471764.5,  471814.5,  471864.5,  471914.5,

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

      3776503.9, 3776553.9, 3776603.9, 3776653.9,
```



```
                                   *** NETWORK ID: UCART4   ;  NETWORK TYPE:
GRIDCART ***

                                              * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471664.52    471714.52    471764.52    471814.52    471864.52
471914.52
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

- -

```
  3776653.93 |        353.40       352.80       352.20       351.60       350.30
   349.30
  3776603.93 |        353.10       352.50       351.90       351.20       350.70
   348.30
  3776553.93 |        352.80       352.20       351.50       350.90       350.40
   349.90
  3776503.93 |        352.60       352.00       351.20       350.50       350.00
   349.30
```


*** NETWORK ID: UCART4 ; NETWORK TYPE:
GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

```
    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471664.52    471714.52    471764.52    471814.52    471864.52
471914.52
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

  3776653.93 |        353.40       352.80       352.20       351.60       350.30
   349.30
  3776603.93 |        353.10       352.50       351.90       351.20       350.70
   348.30
  3776553.93 |        352.80       352.20       351.50       350.90       350.40
   349.90
  3776503.93 |        352.60       352.00       351.20       350.50       350.00
   349.30
```


*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART5 ; NETWORK TYPE:

GRIDCART ***

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

471554.3, 471604.3, 471654.3,

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

3776559.2, 3776609.2, 3776659.2, 3776709.2, 3776759.2,
*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART5 ; NETWORK TYPE:
GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471554.26	471604.26	471654.26
3776759.20	355.30	354.70	354.20
3776709.20	355.00	354.50	353.90
3776659.20	354.70	354.10	353.60
3776609.20	354.30	353.80	353.30
3776559.20	354.00	353.50	353.00

*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART5 ; NETWORK TYPE:
GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD | X-COORD (METERS)

```
    (METERS) |     471554.26    471604.26    471654.26
 - - -
```

- -

3776922.78	358.80	358.10	357.30	357.00	356.40
3776872.78	358.30	357.70	356.90	358.10	358.40
3776822.78	358.00	357.40	356.70	357.50	357.40
3776772.78	357.70	357.10	356.50	356.10	356.00
3776722.78	357.50	356.90	356.30	355.70	355.20
3776672.78	357.50	356.70	356.10	355.50	354.90
3776622.78	356.90	356.40	355.90	355.10	354.50
3776572.78	356.50	355.90	355.50	354.80	354.20

*** NETWORK ID: UCART6 ; NETWORK TYPE:
GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471343.73	471393.73	471443.73	471493.73	471543.73
3776922.78	358.80	358.10	357.30	357.00	356.40
3776872.78	358.30	357.70	356.90	359.50	360.40
3776822.78	358.00	357.40	356.70	360.10	360.50
3776772.78	357.70	357.10	356.50	356.10	356.00
3776722.78	357.50	356.90	356.30	355.70	355.20
3776672.78	357.50	356.70	356.10	355.50	354.90
3776622.78	356.90	356.40	355.90	355.10	354.50
3776572.78	356.50	355.90	355.50	354.80	354.20

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART7 ; NETWORK TYPE:
GRIDCART ***

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

471137.3, 471187.3, 471237.3, 471287.3, 471337.3,

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

3776755.9, 3776805.9, 3776855.9, 3776905.9, 3776955.9, 3777005.9,

*** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471137.27	471187.27	471237.27	471287.27	471337.27
3777005.91	361.50	360.80	360.10	359.60	358.90
3776955.91	361.50	360.90	360.20	359.70	358.90
3776905.91	361.30	360.60	359.80	359.30	358.70
3776855.91	361.00	360.30	359.60	359.00	358.30
3776805.91	360.70	360.10	359.30	358.70	358.00
3776755.91	360.50	359.70	359.10	358.50	357.80

*** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD | X-COORD (METERS)

```
    (METERS) |     471137.27    471187.27    471237.27    471287.27    471337.27
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

  3777005.91 |        361.50       360.80       360.10       359.60       358.90
  3776955.91 |        361.50       360.90       360.20       359.70       358.90
  3776905.91 |        361.30       360.60       359.80       359.30       358.70
  3776855.91 |        361.00       360.30       359.60       359.00       358.30
  3776805.91 |        360.70       360.10       359.30       358.70       358.00
  3776755.91 |        360.50       359.70       359.10       358.50       357.80
```



```
                                     *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                 *** NETWORK ID: UCART8   ;  NETWORK TYPE:
GRIDCART ***

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

       471025.8,  471075.8,  471125.8,  471175.8,  471225.8,  471275.8,

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

      3777013.8, 3777063.8, 3777113.8,
```



```
                                 *** NETWORK ID: UCART8   ;  NETWORK TYPE:
GRIDCART ***

                                            * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471025.84    471075.84    471125.84    471175.84    471225.84
471275.84
```

- - - -

(METERS)

471071.4, 471121.4, 471171.4, 471221.4,

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

3777120.7, 3777170.7, 3777220.7,

*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART9 ; NETWORK TYPE:
GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471071.36	471121.36	471171.36	471221.36
3777220.72	363.50	363.10	362.70	362.10
3777170.72	363.00	362.60	361.80	361.50
3777120.72	362.70	361.80	361.30	360.70

*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART9 ; NETWORK TYPE:
GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471071.36	471121.36	471171.36	471221.36
3777220.72	363.50	363.10	362.70	362.10

```
  3777170.72 |        363.00       362.60       361.80       361.50
  3777120.72 |        362.70       361.80       361.30       360.70
```


*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART10 ; NETWORK TYPE: GRIDCART ***

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

470606.5, 470656.5, 470706.5, 470756.5, 470806.5, 470856.5, 470906.5, 470956.5, 471006.5, 471056.5,

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

3777052.6, 3777102.6, 3777152.6, 3777202.6, 3777252.6,

*** NETWORK ID: UCART10 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

```
    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     470606.55    470656.55    470706.55    470756.55    470806.55
470856.55    470906.55    470956.55    471006.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

  3777252.65 |        369.40       368.60       367.70       367.30       367.00
   367.20       367.30       368.10       366.50
  3777202.65 |        369.10       368.10       367.40       366.80       366.10
```

```
   365.80       365.10       364.50       363.90
  3777152.65 |        368.40       367.50       366.90       366.30       365.80
   365.40       364.70       364.10       363.60
  3777102.65 |        368.30       367.30       366.90       366.30       365.60
   365.10       364.60       364.10       363.40
  3777052.65 |        367.90       367.10       366.80       366.20       365.50
   365.00       364.50       363.90       363.20
```



```
                                  *** NETWORK ID: UCART10  ;  NETWORK TYPE:
GRIDCART ***

                                              * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471056.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

  3777252.65 |        364.40
  3777202.65 |        363.40
  3777152.65 |        363.10
  3777102.65 |        362.90
  3777052.65 |        362.80
```



```
                                  *** NETWORK ID: UCART10  ;  NETWORK TYPE:
GRIDCART ***

                                              * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     470606.55    470656.55    470706.55    470756.55    470806.55
470856.55    470906.55    470956.55    471006.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
```

```
  3777252.65 |        369.40       368.60       367.70       367.30       367.00
   367.20       370.30       371.80       371.60
  3777202.65 |        369.10       368.10       367.40       366.80       366.10
   365.80       365.10       364.50       363.90
  3777152.65 |        368.40       367.50       366.90       366.30       365.80
   365.40       364.70       364.10       363.60
  3777102.65 |        368.30       367.30       366.90       366.30       365.60
   365.10       364.60       364.10       363.40
  3777052.65 |        367.90       367.10       366.80       366.20       365.50
   365.00       364.50       363.90       363.20
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        08:39:22

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                 *** NETWORK ID: UCART10  ;  NETWORK TYPE:
GRIDCART ***

                                              * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     471056.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

  3777252.65 |        364.40
  3777202.65 |        363.40
  3777152.65 |        363.10
  3777102.65 |        362.90
  3777052.65 |        362.80
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        08:39:22

                                   PAGE  55
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                        *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                 *** NETWORK ID: UCART11  ;  NETWORK TYPE:
GRIDCART ***

                                          *** X-COORDINATES OF GRID ***
```

(METERS)

470270.0, 470320.0, 470370.0, 470420.0,

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

3777304.4, 3777354.4, 3777404.4, 3777454.4, 3777504.4, 3777554.4,

*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART11 ; NETWORK TYPE:
GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 470269.99	470319.99	470369.99	470419.99
3777554.36	376.20	375.30	374.70	374.10
3777504.36	375.80	375.10	374.30	373.60
3777454.36	375.30	374.70	373.80	373.10
3777404.36	374.80	374.00	373.30	372.50
3777354.36	374.10	373.50	372.80	372.00
3777304.36	373.60	373.00	372.30	371.70

*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART11 ; NETWORK TYPE:
GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

| Y-COORD (METERS) | X-COORD (METERS) 470269.99 | 470319.99 | 470369.99 | 470419.99 |

- -

```
  3777554.36 |        376.20       375.30       374.70       374.10
  3777504.36 |        375.80       375.10       374.30       373.60
  3777454.36 |        375.30       374.70       373.80       373.10
  3777404.36 |        374.80       374.00       373.30       372.50
  3777354.36 |        374.10       373.50       372.80       372.00
  3777304.36 |        373.60       373.00       372.30       371.70
```


*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART12 ; NETWORK TYPE: GRIDCART ***

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

468710.7, 468760.7, 468810.7, 468860.7, 468910.7, 468960.7, 469010.7, 469060.7,

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

3779313.0, 3779363.0, 3779413.0, 3779463.0, 3779513.0, 3779563.0, 3779613.0, 3779663.0,

*** NETWORK ID: UCART12 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

```
    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     468710.70    468760.70    468810.70    468860.70    468910.70
468960.70    469010.70    469060.70
```

- - - -

3779413.00 | 422.50 557.30 558.10 570.40 570.90
570.90 570.90 570.90
3779363.00 | 421.60 421.00 558.10 558.10 570.90
570.90 570.90 570.90
3779313.00 | 420.60 420.30 419.80 558.10 558.10
570.90 570.90 570.90
*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART13 ; NETWORK TYPE:
GRIDCART ***

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

471075.9, 471125.9, 471175.9, 471225.9, 471275.9, 471325.9, 471375.9,
471425.9, 471475.9, 471525.9,

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

3777361.5, 3777411.5, 3777461.5, 3777511.5, 3777561.5, 3777611.5, 3777661.5,
3777711.5, 3777761.5, 3777811.5,
3777861.5, 3777911.5,
*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART13 ; NETWORK TYPE:
GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD | X-COORD (METERS)
(METERS) | 471075.86 471125.86 471175.86 471225.86 471275.86
471325.86 471375.86 471425.86 471475.86

```
 - - -
```

```
  3777761.53 |        365.50
  3777711.53 |        364.90
  3777661.53 |        364.40
  3777611.53 |        363.80
  3777561.53 |        363.10
  3777511.53 |        362.70
  3777461.53 |        362.20
  3777411.53 |        361.50
  3777361.53 |        360.70
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        08:39:22

                                   PAGE  64
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                  *** NETWORK ID: UCART13  ;  NETWORK TYPE:
GRIDCART ***

                                                 * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                                 X-COORD (METERS)
    (METERS) |     471075.86    471125.86    471175.86    471225.86    471275.86
471325.86    471375.86    471425.86    471475.86
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

  3777911.53 |        575.10       575.10       575.10       575.10       575.10
   575.10       575.10       575.10       575.10
  3777861.53 |        575.10       575.10       575.10       575.10       575.10
   575.10       575.10       575.10       575.10
  3777811.53 |        532.20       532.20       532.20       532.20       532.20
   532.40       532.40       532.40       532.40
  3777761.53 |        370.80       370.80       370.50       522.10       522.10
   530.00       530.00       532.20       530.00
  3777711.53 |        369.90       369.60       369.30       369.00       368.60
   368.00       522.10       522.10       522.10
  3777661.53 |        369.20       368.90       368.40       368.10       367.80
   367.30       366.40       365.50       364.90
  3777611.53 |        368.50       368.20       367.70       367.20       366.90
   366.50       365.80       364.90       364.30
  3777561.53 |        367.70       367.40       367.00       366.60       366.10
   365.70       365.00       364.30       363.60
  3777511.53 |        366.90       366.50       366.10       365.70       365.20
   364.80       364.00       363.70       363.30
  3777461.53 |        366.30       365.80       365.40       365.00       364.50
   364.00       363.30       362.90       362.90
```

3777411.53 | 365.80 365.20 364.70 364.20 363.70
363.20 362.60 362.00 361.80
3777361.53 | 364.70 364.40 363.80 364.20 363.30
362.50 362.00 361.30 360.90

*** NETWORK ID: UCART13 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD | X-COORD (METERS)
(METERS) | 471525.86
- - - -

(METERS)

472114.7, 472164.7, 472214.7, 472264.7, 472314.7, 472364.7, 472414.7, 472464.7, 472514.7, 472564.7,

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

3776424.5, 3776474.5, 3776524.5, 3776574.5, 3776624.5, 3776674.5, 3776724.5, 3776774.5, 3776824.5, 3776874.5,
3776924.5, 3776974.5, 3777024.5, 3777074.5, 3777124.5,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART14 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 472114.69	472164.69	472214.69	472264.69	472314.69	472364.69	472414.69	472464.69	472514.69
3777124.55	357.00	354.30	354.10	353.80	353.90	354.00	354.30	354.40	354.60
3777074.55	356.10	354.00	353.50	353.20	353.30	353.40	353.70	353.90	354.20
3777024.55	355.30	353.50	353.10	352.80	352.80	352.90	353.20	353.30	353.50
3776974.55	354.00	352.70	352.50	352.20	352.20	352.40	352.50	352.40	351.80
3776924.55	352.80	351.90	351.90	351.70	351.80	351.90	352.00	351.70	351.20
3776874.55	351.80	350.80	350.90	350.90	351.10	351.10	351.30	351.10	350.90
3776824.55	351.20	350.20	350.20	350.20	350.50	350.60	350.80	350.60	350.20
3776774.55	350.70	349.60	349.50	349.60	349.90	350.10	350.20	350.10	349.70
3776724.55	350.40	349.40	349.10	349.10	349.50				

```
   349.60       349.60       349.50       349.50
  3776674.55 |        350.00       349.10       348.80       348.60       348.90
   348.90       348.90       348.80       349.10
  3776624.55 |        349.60       348.70       348.40       348.20       348.50
   348.30       348.30       348.20       348.60
  3776574.55 |        349.00       348.00       347.90       347.70       347.80
   347.70       347.70       347.60       348.20
  3776524.55 |        348.50       347.50       347.30       347.20       347.20
   347.10       347.00       346.80       346.80
  3776474.55 |        348.40       347.40       347.10       346.70       346.60
   346.50       346.40       346.20       346.30
  3776424.55 |        347.80       348.30       346.90       346.30       346.20
   346.00       345.90       345.60       345.70
```



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

                                   *** NETWORK ID: UCART14  ;  NETWORK TYPE:
GRIDCART ***

                                                 * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     472564.69
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3777124.55 |        354.90
  3777074.55 |        354.30
  3777024.55 |        353.60
  3776974.55 |        351.90
  3776924.55 |        351.30
  3776874.55 |        351.00
  3776824.55 |        350.30
  3776774.55 |        349.70
  3776724.55 |        349.50
  3776674.55 |        349.10
  3776624.55 |        348.60
  3776574.55 |        348.30
  3776524.55 |        347.00
  3776474.55 |        346.30
  3776424.55 |        345.80
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART14 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 472114.69	472164.69	472214.69	472264.69	472314.69	472364.69	472414.69	472464.69	472514.69
3777124.55	357.00	354.30	354.10	353.80	353.90	354.00	354.30	354.40	354.60
3777074.55	356.10	354.00	353.50	353.20	353.30	353.40	353.70	353.90	354.20
3777024.55	355.30	353.50	353.10	352.80	352.80	352.90	353.20	353.30	353.50
3776974.55	354.00	352.70	352.50	352.20	352.20	352.40	352.50	352.40	351.80
3776924.55	352.80	351.90	351.90	351.70	351.80	351.90	352.00	351.70	351.20
3776874.55	354.00	350.80	350.90	350.90	351.10	351.10	351.30	351.10	350.90
3776824.55	351.20	350.20	350.20	350.20	350.50	350.60	350.80	350.60	350.20
3776774.55	353.00	349.60	349.50	349.60	349.90	350.10	350.20	350.10	349.70
3776724.55	350.40	349.40	349.10	349.10	349.50	349.60	349.60	349.50	349.50
3776674.55	350.00	349.10	348.80	348.60	348.90	348.90	348.90	348.80	349.10
3776624.55	349.60	348.70	348.40	348.20	348.50	348.30	348.30	348.20	348.60
3776574.55	349.00	348.00	347.90	347.70	347.80	347.70	347.70	347.60	348.20
3776524.55	348.50	347.50	347.30	347.20	347.20	347.10	347.00	346.80	346.80
3776474.55	348.40	347.40	347.10	346.70	346.60	346.50	346.40	346.20	346.30
3776424.55	347.80	348.30	346.90	346.30	346.20	346.00	345.90	345.60	345.70

*** NETWORK ID: UCART14 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 472564.69
3777124.55	354.90
3777074.55	354.30
3777024.55	353.60
3776974.55	351.90
3776924.55	351.30
3776874.55	351.00
3776824.55	350.30
3776774.55	349.70
3776724.55	349.50
3776674.55	349.10
3776624.55	348.60
3776574.55	348.30
3776524.55	347.00
3776474.55	346.30
3776424.55	345.80

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART15 ; NETWORK TYPE: GRIDCART ***

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

472138.2, 472188.2, 472238.2, 472288.2, 472338.2,

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

3774264.7, 3774314.7, 3774364.7, 3774414.7, 3774464.7, 3774514.7, 3774564.7, 3774614.7, 3774664.7, 3774714.7,
3774764.7, 3774814.7, 3774864.7, 3774914.7, 3774964.7, 3775014.7, 3775064.7, 3775114.7, 3775164.7, 3775214.7,
3775264.7, 3775314.7, 3775364.7, 3775414.7, 3775464.7, 3775514.7, 3775564.7, 3775614.7, 3775664.7, 3775714.7,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART15 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 472138.17	472188.17	472238.17	472288.17	472338.17
3775714.69	340.60	342.10	341.50	341.20	340.50
3775664.69	342.20	344.00	341.50	340.80	340.10
3775614.69	342.00	342.70	340.80	340.30	339.80
3775564.69	341.10	340.80	339.80	339.80	339.50
3775514.69	340.20	339.90	339.20	339.20	339.00
3775464.69	339.30	339.20	338.70	338.80	338.60
3775414.69	338.60	338.50	338.20	338.20	338.00
3775364.69	338.00	338.00	337.70	337.70	337.60
3775314.69	337.60	337.50	337.20	337.10	337.00
3775264.69	337.20	337.00	336.60	336.50	336.50
3775214.69	336.80	336.80	336.30	336.00	335.90
3775164.69	336.30	336.30	335.70	335.50	335.20
3775114.69	335.70	335.60	335.10	335.00	334.60
3775064.69	335.50	335.40	334.50	334.20	333.90
3775014.69	336.20	335.40	334.10	333.80	333.30
3774964.69	334.10	333.90	333.50	333.30	332.70
3774914.69	333.40	333.60	333.10	332.70	332.30
3774864.69	333.10	333.20	332.60	332.20	331.70

3774814.69	332.80	332.70	332.10	331.60	331.20
3774764.69	332.60	332.50	331.90	331.40	331.20
3774714.69	332.20	332.00	331.50	331.20	330.80
3774664.69	331.90	331.70	331.10	330.80	330.50
3774614.69	331.50	331.20	330.70	330.40	330.00
3774564.69	331.20	330.90	330.40	330.20	329.80
3774514.69	330.70	330.60	330.00	329.80	329.30
3774464.69	329.80	330.40	329.70	329.50	328.90
3774414.69	329.80	330.10	329.40	329.00	328.50
3774364.69	330.10	329.60	328.90	328.60	328.20
3774314.69	331.10	328.80	328.30	327.90	327.40
3774264.69	332.70	329.30	327.90	327.50	327.00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART15 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 472138.17	472188.17	472238.17	472288.17	472338.17
3775714.69	340.60	342.10	341.50	341.20	340.50
3775664.69	345.50	344.00	341.50	340.80	340.10
3775614.69	342.00	346.00	340.80	340.30	339.80
3775564.69	341.10	343.40	339.80	339.80	339.50
3775514.69	340.20	339.90	339.20	339.20	339.00
3775464.69	339.30	339.20	338.70	338.80	338.60
3775414.69	338.60	338.50	338.20	338.20	338.00
3775364.69	338.00	338.00	337.70	337.70	337.60
3775314.69	337.60	337.50	337.20	337.10	337.00
3775264.69	337.20	337.00	336.60	336.50	336.50
3775214.69	336.80	336.80	336.30	336.00	335.90
3775164.69	336.30	336.30	335.70	335.50	335.20
3775114.69	335.70	335.60	335.10	335.00	334.60
3775064.69	335.50	335.40	334.50	334.20	333.90
3775014.69	336.20	335.40	334.10	333.80	333.30
3774964.69	334.10	333.90	333.50	333.30	332.70
3774914.69	333.40	333.60	333.10	332.70	332.30
3774864.69	333.10	333.20	332.60	332.20	331.70

```
  3774814.69 |        332.80       332.70       332.10       331.60       331.20
  3774764.69 |        332.60       332.50       331.90       331.40       331.20
  3774714.69 |        332.20       332.00       331.50       331.20       330.80
  3774664.69 |        331.90       331.70       331.10       330.80       330.50
  3774614.69 |        331.50       331.20       330.70       330.40       330.00
  3774564.69 |        331.20       330.90       330.40       330.20       329.80
  3774514.69 |        330.70       330.60       330.00       329.80       329.30
  3774464.69 |        329.80       330.40       329.70       329.50       328.90
  3774414.69 |        329.80       330.10       329.40       329.00       328.50
  3774364.69 |        330.10       329.60       328.90       328.60       328.20
  3774314.69 |        331.10       328.80       328.30       327.90       327.40
  3774264.69 |        332.70       331.90       327.90       327.50       327.00
```


*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART16 ; NETWORK TYPE:
GRIDCART ***

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

472255.2, 472305.2, 472355.2, 472405.2, 472455.2,

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

3775886.9, 3775936.9, 3775986.9, 3776036.9, 3776086.9, 3776136.9, 3776186.9,
3776236.9,

*** NETWORK ID: UCART16 ; NETWORK TYPE:
GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 472255.22	472305.22	472355.22	472405.22	472455.22
3776236.95	344.90	344.70	344.30	344.10	343.90
3776186.95	344.60	344.50	343.90	343.90	343.50
3776136.95	344.20	344.20	343.50	343.40	343.00
3776086.95	343.90	343.70	343.10	342.80	342.40
3776036.95	343.60	343.20	342.70	342.30	341.90
3775986.95	343.30	342.90	342.50	342.00	341.40
3775936.95	343.10	342.50	342.20	341.70	341.00
3775886.95	342.60	342.20	341.70	341.30	340.50

*** NETWORK ID: UCART16 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 472255.22	472305.22	472355.22	472405.22	472455.22
3776236.95	344.90	344.70	344.30	344.10	343.90
3776186.95	344.60	344.50	343.90	343.90	343.50
3776136.95	344.20	344.20	343.50	343.40	343.00
3776086.95	343.90	343.70	343.10	342.80	342.40
3776036.95	343.60	343.20	342.70	342.30	341.90
3775986.95	343.30	342.90	342.50	342.00	341.40
3775936.95	343.10	342.50	342.20	341.70	341.00
3775886.95	342.60	342.20	341.70	341.30	340.50

* 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)
C3037092	472023.4	3774452.4	-2.86
C3037093	472023.4	3774452.4	-2.61
C3037105	472023.4	3774552.4	0.92
C3037110	472023.4	3774602.4	-1.65
C3037115	472023.4	3774652.4	-3.04
C3037120	472023.4	3774702.4	-1.25
C3037129	472023.4	3774752.4	-2.88
C3037134	472023.4	3774802.4	-4.12
C3037135	472023.4	3774802.4	0.04
C3037139	472023.4	3774852.4	-2.03
C3037140	472023.4	3774852.4	-0.68
C3037145	472023.4	3774902.4	-1.73
C3037146	472023.4	3774902.4	-2.62
C3037151	472023.4	3774952.4	-1.48
C3037156	472023.4	3775002.4	-0.13
C3037188	472023.4	3775302.4	-5.35
C3037189	472023.4	3775302.4	-4.12
C3037193	472023.4	3775352.4	-3.58

```
                              C3037194            472023.4     3775352.4
-5.14
                              C3037198            472023.4     3775402.4
-1.76
                              C3037199            472023.4     3775402.4
-5.50
                              C3037200            472023.4     3775402.4
-1.48
                              C3037207            472023.4     3775452.4
0.76
                              C3037208            472023.4     3775452.4
-2.34
                              C3037212            472023.4     3775502.4
-3.34
                              C3037213            472023.4     3775502.4
-5.17
                              C3037217            472023.4     3775552.4
-2.04
                              C3037218            472023.4     3775552.4
-6.58
                              C3037222            472023.4     3775602.4
-0.77
                              C3037223            472023.4     3775602.4
-8.91
                              C3037224            472023.4     3775602.4
0.78
                              C3037271            472023.4     3776052.4
-8.59
                              C3037272            472023.4     3776052.4
-0.97
                              C3037276            472023.4     3776102.4
-6.65
                              C3037277            472023.4     3776102.4
-2.26
                              C3037319            471956.6     3776504.7
-0.92
                              C3037320            471956.6     3776504.7
-5.67
                              C3037340            471864.5     3776653.9
-4.07
                              C3037341            471864.5     3776653.9
-4.55
                              C3037383            471543.7     3776922.8
-2.47
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* 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)
C3037384	471543.7	3776922.8	-6.82
C3037425	471221.4	3777170.7	-0.63
C3037426	471221.4	3777170.7	-2.41
C3037432	471171.4	3777220.7	-0.74
C3037433	471171.4	3777220.7	-7.25

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

1 1 1

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

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

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

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

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*** 06/23/20
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

Surface file: .._References\FontanaADJU\FONT_V9_ADJU\FONT_v9.SFC
Met Version: 16216
Profile file: .._References\FontanaADJU\FONT_V9_ADJU\FONT_v9.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 3102 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN

Year: 2011 Year: 2011

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
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -
 11 01 01   1 01  -18.5  0.194 -9.000 -9.000 -999.  204.     41.2  0.25   2.82
```

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1.00    1.80   69.    9.1  276.4    5.5
 11 01 01   1 02  -23.8  0.239 -9.000 -9.000 -999.  281.     63.0  0.25   2.82
1.00    2.20   52.    9.1  275.4    5.5
 11 01 01   1 03  -18.5  0.194 -9.000 -9.000 -999.  205.     41.2  0.25   2.82
1.00    1.80   32.    9.1  275.4    5.5
 11 01 01   1 04   -1.4  0.067 -9.000 -9.000 -999.   57.     18.3  0.25   2.82
1.00    0.40   27.    9.1  274.2    5.5
 11 01 01   1 05  -18.6  0.194 -9.000 -9.000 -999.  204.     41.2  0.25   2.82
1.00    1.80   51.    9.1  274.2    5.5
 11 01 01   1 06  -29.7  0.296 -9.000 -9.000 -999.  387.     96.6  0.25   2.82
1.00    2.70   53.    9.1  274.2    5.5
 11 01 01   1 07  -24.0  0.239 -9.000 -9.000 -999.  282.     63.0  0.25   2.82
1.00    2.20   70.    9.1  274.2    5.5
 11 01 01   1 08   -8.4  0.138 -9.000 -9.000 -999.  127.     27.3  0.25   2.82
0.54    1.30   72.    9.1  275.4    5.5
 11 01 01   1 09   44.3  0.280  0.571  0.005  147.  356.    -43.5  0.25   2.82
0.32    2.20   67.    9.1  277.5    5.5
 11 01 01   1 10  122.7  0.264  0.952  0.005  247.  326.    -13.2  0.25   2.82
0.25    1.80   83.    9.1  279.9    5.5
 11 01 01   1 11  179.8  0.316  1.733  0.005 1017.  426.    -15.4  0.25   2.82
0.22    2.20   58.    9.1  282.0    5.5
 11 01 01   1 12  206.0  0.320  1.940  0.008 1244.  435.    -14.0  0.25   2.82
0.21    2.20  115.    9.1  283.1    5.5
 11 01 01   1 13  132.6  0.214  1.733  0.009 1377.  243.     -6.5  0.25   2.82
0.21    1.30  147.    9.1  284.2    5.5
 11 01 01   1 14  147.0  0.216  1.818  0.009 1431.  242.     -6.0  0.25   2.82
0.23    1.30  219.    9.1  284.9    5.5
 11 01 01   1 15  104.0  0.208  1.633  0.009 1468.  228.     -7.6  0.25   2.82
0.26    1.30  126.    9.1  285.4    5.5
 11 01 01   1 16   26.4  0.140  1.037  0.009 1477.  127.     -9.1  0.25   2.82
0.35    0.90  151.    9.1  284.9    5.5
 11 01 01   1 17   -9.0  0.137 -9.000 -9.000 -999.  121.     24.9  0.25   2.82
0.63    1.30   69.    9.1  283.1    5.5
 11 01 01   1 18  -33.4  0.342 -9.000 -9.000 -999.  481.    129.0  0.25   2.82
1.00    3.10   81.    9.1  281.4    5.5
 11 01 01   1 19  -33.6  0.342 -9.000 -9.000 -999.  481.    128.9  0.25   2.82
1.00    3.10   51.    9.1  279.9    5.5
 11 01 01   1 20  -23.6  0.239 -9.000 -9.000 -999.  287.     63.1  0.25   2.82
1.00    2.20   77.    9.1  278.8    5.5
 11 01 01   1 21  -18.5  0.194 -9.000 -9.000 -999.  205.     41.2  0.25   2.82
1.00    1.80   53.    9.1  277.5    5.5
 11 01 01   1 22  -23.7  0.239 -9.000 -9.000 -999.  281.     63.0  0.25   2.82
1.00    2.20   58.    9.1  277.5    5.5
 11 01 01   1 23  -18.5  0.194 -9.000 -9.000 -999.  205.     41.2  0.25   2.82
1.00    1.80   64.    9.1  277.5    5.5
 11 01 01   1 24   -4.5  0.094 -9.000 -9.000 -999.   74.     16.3  0.25   2.82
1.00    0.90   52.    9.1  277.0    5.5
```

```
 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 11 01 01 01    5.5 0 -999.  -99.00   276.5   99.0  -99.00  -99.00
 11 01 01 01    9.1 1   69.    1.80  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE  81
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

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

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471773.42               471823.42               471873.42
       471923.42               471973.42
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776102.4 |      2.14071 (15063020)      2.37506 (13090422)      2.61713
(13090923)      3.08142 (12092121)      4.32225 (13071606)
 3776052.4 |      2.11545 (15063020)      2.35583 (13090422)      2.61836
(13090923)      3.06961 (12092121)      4.24840 (13071606)
 3776002.4 |      2.08246 (15090919)      2.33334 (13090422)      2.59656
(13090923)      3.04919 (12092121)      4.19138 (11061907)
 3775952.4 |      2.04603 (15090919)      2.27410 (13090422)      2.53205
(13090923)      2.91813 (12092121)      3.73543 (11082623)
 3775902.4 |      2.04636 (15090919)      2.24367 (13090422)      2.46544
(13090923)      2.90278 (12092121)      3.73327 (11082623)
```

3775852.4	2.00078	(15090919)	2.20362	(13090422)	2.39817
(13090923)	2.79720	(12092121)	3.66654	(11082623)	
3775802.4	1.97680	(15090919)	2.15322	(13090422)	2.35837
(13090422)	2.76588	(12092121)	3.62121	(11082623)	
3775752.4	1.91296	(15090919)	2.12442	(13090422)	2.34893
(13090422)	2.74503	(12092121)	3.56612	(11082623)	
3775702.4	1.89933	(15090919)	2.12032	(15090919)	2.35772
(13090422)	2.73895	(12082102)	3.57892	(11082623)	
3775652.4	1.87603	(11100120)	2.19455	(15090919)	2.72087
(13090422)	3.89043	(13090422)	5.45931	(12082102)	
3775602.4	1.85616	(11100120)	2.11034	(15090919)	2.42171
(13090422)	2.95962	(12082102)	4.36894	(13071606)	
3775552.4	1.82679	(11100120)	2.09109	(15090919)	2.34539
(13090422)	2.85106	(12082102)	4.66657	(13071606)	
3775502.4	1.81801	(12091206)	2.07268	(15090919)	2.37968
(13090422)	2.93045	(13071606)	4.97022	(11061907)	
3775452.4	1.77350	(12091206)	1.98555	(15090919)	2.28588
(13090422)	3.09693	(13071606)	6.43887	(12061507)	
3775402.4	1.71844	(12091206)	1.94257	(15090919)	2.30128
(13090422)	3.51961	(12102008)	8.62260	(11061907)	
3775352.4	1.67400	(11070706)	1.91231	(15090919)	2.20346
(13090422)	2.99947	(11061907)	6.36971	(11061907)	
3775302.4	1.66039	(11070706)	1.85660	(15090919)	2.06367
(13090422)	3.04914	(11061907)	4.82528	(11061907)	
3775252.4	1.55477	(11070706)	1.68610	(15090919)	1.95490
(13071606)	2.77177	(11061907)	4.46592	(11061907)	
3775202.4	1.50977	(11070706)	1.54371	(11070706)	1.90868
(13071606)	2.55694	(11061907)	4.07599	(11061907)	
3775152.4	1.39236	(11070706)	1.51882	(13071606)	1.87933
(13071606)	2.47688	(13071606)	3.73776	(13071606)	
3775102.4	1.28346	(11070706)	1.50564	(13071606)	1.86619
(13071606)	2.47120	(13071606)	3.79172	(13071606)	
3775052.4	1.25245	(13071606)	1.49898	(13071606)	1.86539
(13071606)	2.48566	(13071606)	3.86230	(13071606)	
3775002.4	1.24567	(13071606)	1.49762	(13071606)	1.87497
(13071606)	2.51689	(13071606)	3.93391	(13071606)	
3774952.4	1.24008	(13071606)	1.50005	(13071606)	1.89501
(13071606)	2.57767	(13071606)	4.09691	(13071606)	
3774902.4	1.23363	(13071606)	1.50332	(13071606)	1.92150
(13071606)	2.67587	(13071606)	4.58663	(13071606)	
3774852.4	1.22390	(13071606)	1.50282	(13071606)	1.94294
(13071606)	2.75169	(13071606)	5.24445	(12102008)	
3774802.4	1.20813	(13071606)	1.49384	(13071606)	1.95334
(13071606)	2.80895	(13071606)	5.40353	(11061907)	
3774752.4	1.18357	(13071606)	1.47083	(13071606)	1.94288
(13071606)	2.88961	(13071606)	6.57189	(12102008)	
3774702.4	1.14846	(13071606)	1.42879	(13071606)	2.02081
(12102008)	3.35983	(12102008)	7.69836	(11061907)	

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 3774652.4 |      1.10283 (13071606)      1.38165 (12102008)      1.80191
(12102008)      2.96734 (11061907)      6.31253 (11061907)
 3774602.4 |      1.04772 (13071606)      1.29868 (13071606)      1.77054
(11061907)      3.00441 (11061907)      4.62740 (16012717)
 3774552.4 |      1.03978 (15100918)      1.25573 (15100918)      1.82961
(11061907)      2.71162 (11061907)      5.08365 (13041307)
 3774502.4 |      1.02585 (15100918)      1.26582 (11061907)      1.78133
(11061907)      2.84194 (12102008)      6.03375 (13041307)
 3774452.4 |      1.00545 (15100918)      1.26750 (11061907)      1.70293
(11061907)      2.63538 (11061907)      5.96232 (11061907)
 3774402.4 |      0.98414 (15100918)      1.25018 (11061907)      1.70232
(11061907)      2.70049 (11061907)      4.24895 (11061907)
 3774352.4 |      0.96425 (15100918)      1.24347 (11061907)      1.70879
(11061907)      2.44007 (11061907)      3.28032 (16012717)
 3774302.4 |      0.96094 (11061907)      1.23887 (11061907)      1.64012
(11061907)      2.06077 (16012717)      2.26881 (16012717)
 3774252.4 |      0.95916 (11061907)      1.21117 (11061907)      1.48546
(11061907)      1.72215 (16012717)      1.59192 (16012717)
 3774202.4 |      0.94657 (11061907)      1.14357 (11061907)      1.31367
(16012717)      1.47394 (16012717)      1.34536 (12031608)
 3774152.4 |      0.91457 (11061907)      1.03491 (11061907)      1.15641
(16012717)      1.12695 (16012717)      1.18474 (12031608)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE  82
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

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

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

  Y-COORD  |                                                  X-COORD (METERS)
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```
  (METERS) |       472023.42
 - - -
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3037090 , C3037091 , C3037092 , C3037093 , C3037094 ,
C3037095 , C3037096 , C3037097 , C3037098 , C3037099 , C3037100 , C3037101 , C3037102 ,
C3037103 , C3037104 , C3037105 , C3037106 , C3037107 , C3037108 , C3037109 , C3037110 ,
C3037111 , C3037112 , C3037113 , C3037114 , C3037115 , C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	471764.54	471814.54	471864.54	471914.54	471964.54
3776302.8	2.28036 (13090422)	2.49777 (13090422)	2.72644 (12082102)	3.14383 (12092121)	4.06928 (13071606)
3776252.8	2.21928 (13090422)	2.39917 (13090422)	2.64976 (12082102)	3.05167 (12092121)	3.84176 (11082623)
3776202.8	2.17856 (13090422)	2.37325 (13090422)	2.61634 (13090923)	3.04887 (12092121)	3.79698 (11082623)
3776152.8	2.13512 (15063020)	2.33463 (13090422)	2.58884 (13090923)	2.97957 (12092121)	3.84772 (11082623)
3776102.8	2.11166 (15063020)	2.33912 (13090422)	2.56228 (13090923)	2.97695 (12092121)	3.89157 (11082623)

*** AERMOD - VERSION 19191 *** *** Construction CO ***
06/23/20
*** AERMET - VERSION 16216 *** ***
08:39:22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3037090 , C3037091

```
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART2   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       472014.54
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3776302.8 |     10.90671 (13041307)
 3776252.8 |      9.51097 (13041307)
 3776202.8 |      9.28736 (12061507)
 3776152.8 |     11.28113 (12061507)
 3776102.8 |     12.20072 (12061507)
```



```
                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART3   ;  NETWORK TYPE:
GRIDCART ***

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

```
  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471756.60              471806.60              471856.60
       471906.60              471956.60
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776504.7 |      2.63925 (13090422)      2.98396 (13090923)      3.59770
(12082102)      4.91873 (13071606)     11.11754 (13041207)
 3776454.7 |      2.50462 (13090422)      2.80340 (13090422)      3.29524
(12082102)      4.18847 (12092121)      7.51521 (13041307)
 3776404.7 |      2.40775 (13090422)      2.64609 (13090422)      3.07383
(13090923)      3.90904 (12082102)      5.41820 (13062006)
 3776354.7 |      2.30857 (13090422)      2.53719 (13090422)      2.76769
(12082102)      3.22026 (12092121)      4.38853 (13071606)
 3776304.7 |      2.24453 (13090422)      2.47009 (13090422)      2.67833
(13090923)      3.05899 (12092121)      3.85164 (11082623)
```



```
                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                 *** NETWORK ID: UCART3   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       472006.60
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776504.7 |      4.90333 (13071606)
```

```
 3776454.7 |      7.85700 (12061507)
 3776404.7 |     11.57958 (12061507)
 3776354.7 |     12.16649 (12061507)
 3776304.7 |      8.76207 (13041307)
```



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

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                 *** NETWORK ID: UCART4   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471664.52              471714.52              471764.52
       471814.52              471864.52
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776653.9 |      2.68400 (15063020)      3.15641 (13090422)      3.93161
(13090422)      5.93547 (13071606)      9.58527 (12031208)
 3776603.9 |      2.41587 (15063020)      2.76566 (13090422)      3.28425
(13090422)      4.08688 (13090923)      7.11721 (13071606)
 3776553.9 |      2.24037 (15063020)      2.52786 (15063020)      2.91935
(13090422)      3.46504 (13090923)      5.48730 (12102008)
 3776503.9 |      2.10762 (15063020)      2.36218 (15063020)      2.69972
(13090422)      3.05419 (13090923)      3.71557 (12082102)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3037090 , C3037091
, C3037092 , C3037093 , C3037094 ,
C3037095 , C3037096 , C3037097 , C3037098 , C3037099
, C3037100 , C3037101 , C3037102 ,
C3037103 , C3037104 , C3037105 , C3037106 , C3037107
, C3037108 , C3037109 , C3037110 ,
C3037111 , C3037112 , C3037113 , C3037114 , C3037115
, C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART4 ; NETWORK TYPE:
GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 471914.52
- - - -

```
                                    *** NETWORK ID: UCART5   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471554.26              471604.26              471654.26
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3776759.2 |      2.64557 (15081522)      3.13522 (15081522)      3.97675
(15063020)
 3776709.2 |      2.31220 (15081522)      2.63330 (15081522)      3.08507
(15063020)
 3776659.2 |      2.09635 (15081522)      2.33492 (15081522)      2.64467
(15063020)
 3776609.2 |      1.94455 (15081522)      2.13794 (15081522)      2.37555
(15063020)
 3776559.2 |      1.82512 (15081522)      1.99932 (15081522)      2.20178
(15063020)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***       08:39:22

                                    PAGE  90
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                    *** NETWORK ID: UCART6   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471343.73              471393.73              471443.73
```

```
      471493.73               471543.73
 - - -
```

```
 - - -
```

```
 3777063.8 |      1.94524 (16081423)      2.12073 (16072703)      2.32409
(16072703)      2.64341 (12091521)      3.08238 (13090622)
 3777013.8 |      1.75405 (16081423)      1.88675 (16081423)      2.03032
(16072703)      2.23159 (16072703)      2.50831 (12091521)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE  93
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART8   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471275.84
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777113.8 |      8.56804 (15062206)
 3777063.8 |      4.11294 (16071006)
 3777013.8 |      2.91513 (13090622)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE  94
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
```

```
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART9   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471071.36              471121.36              471171.36
       471221.36
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3777220.7 |      4.03896 (13090622)      6.48124 (15062206)      9.50879
(12031208)      5.94541 (12061507)
 3777170.7 |      3.02281 (12091521)      3.69964 (13090622)      5.40287
(15062206)      9.04518 (12031208)
 3777120.7 |      2.46290 (16111321)      2.78809 (12091521)      3.34439
(16071006)      4.72314 (16071006)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                   PAGE  95
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART10  ;  NETWORK TYPE:
GRIDCART ***
```

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       470606.55              470656.55              470706.55
       470756.55              470806.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3777252.6 |      1.51478 (13082602)      1.63016 (16081423)      1.74153
(16081423)      1.89533 (15101502)      2.10465 (15101502)
 3777202.6 |      1.39859 (16072401)      1.47572 (13082602)      1.58595
(16081423)      1.71535 (16081423)      1.83775 (16081423)
 3777152.6 |      1.28158 (15090724)      1.35123 (16072401)      1.43873
(16072401)      1.53745 (16081423)      1.66765 (16081423)
 3777102.6 |      1.19556 (11082723)      1.25527 (15090724)      1.33416
(15090724)      1.42028 (16072401)      1.50930 (16072401)
 3777052.6 |      1.11262 (11082723)      1.16765 (11082723)      1.23819
(15090724)      1.31273 (15090724)      1.38657 (15090724)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***       08:39:22

                                  PAGE  96
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART10  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       470856.55              470906.55              470956.55
       471006.55              471056.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

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- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777252.6 |      2.42873 (16072703)      2.85253 (16072703)      3.55512
(16072703)      4.08891 (12091521)      5.00380 (15062206)
 3777202.6 |      2.02626 (15101502)      2.22557 (16072703)      2.46687
(16072703)      2.81710 (12091521)      3.35276 (12091521)
 3777152.6 |      1.81338 (16081423)      1.94501 (15101502)      2.12885
(16072703)      2.36612 (16072703)      2.67556 (16111420)
 3777102.6 |      1.62753 (16081423)      1.76552 (16081423)      1.91010
(16081423)      2.05531 (16072703)      2.28406 (16072703)
 3777052.6 |      1.48324 (16072401)      1.58794 (16072401)      1.71542
(16081423)      1.84190 (16081423)      2.00094 (15101502)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***       08:39:22

                                 PAGE  97
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                 *** NETWORK ID: UCART11  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       470269.99              470319.99              470369.99
       470419.99
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777554.4 |      1.47944 (15102720)      1.56353 (15101502)      1.65850
(15101502)      1.80122 (16072703)
 3777504.4 |      1.41032 (16081423)      1.48692 (16081423)      1.57098
(15101502)      1.68027 (15101502)
 3777454.4 |      1.31443 (13082602)      1.40258 (16081423)      1.48396
```

```
(16081423)      1.56820 (16081423)
 3777404.4 |      1.23606 (16072401)      1.30085 (13082602)      1.37999
(16081423)      1.47193 (16081423)
 3777354.4 |      1.15777 (16072401)      1.22261 (16072401)      1.28731
(16072401)      1.36143 (13082602)
 3777304.4 |      1.09382 (15090724)      1.14504 (15090724)      1.20588
(16072401)      1.27784 (16072401)
```



```
                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART12  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       468710.70               468760.70               468810.70
       468860.70               468910.70
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3779663.0 |      1.02165 (15081422)      1.06927 (12081505)      1.15354
(12081505)      1.26489 (15012702)      1.48131 (15062206)
 3779613.0 |      1.01511 (15081422)      1.07646 (15081422)      1.13353
(15081422)      1.23270 (12081505)      1.36195 (15012702)
 3779563.0 |      1.00624 (15011017)      1.05931 (15081422)      1.12529
(15081422)      1.18938 (15081422)      1.29154 (12081505)
 3779513.0 |      1.00297 (12090901)      1.04236 (15011017)      1.09734
(15081422)      1.16497 (15081422)      1.22368 (12081505)
 3779463.0 |      0.99701 (12090901)      1.03442 (12090901)      1.07285
(15011017)      1.12466 (15081422)      1.18639 (15081422)
```

```
 3779413.0 |      0.98877 (15062604)      1.02245 (12090901)      1.06042
(12090901)      1.09395 (15011017)      1.13900 (15081422)
 3779363.0 |      0.97944 (15061824)      1.01333 (15062604)      1.04347
(12090901)      1.08036 (12090901)      1.10682 (15011017)
 3779313.0 |      0.97967 (15061824)      1.00360 (15061824)      1.03356
(15062604)      1.06047 (12090901)      1.09471 (12090901)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE  99
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART12  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       468960.70              469010.70              469060.70
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3779663.0 |      1.96612 (15062206)      2.92556 (11061907)      5.63162
(13041307)
 3779613.0 |      1.62348 (15062206)      2.12615 (15062206)      3.25012
(11061907)
 3779563.0 |      1.41553 (15012702)      1.65680 (15062206)      2.29324
(11061907)
 3779513.0 |      1.31324 (12081505)      1.40823 (15012702)      1.73917
(11061907)
 3779463.0 |      1.23271 (12081505)      1.29613 (12081505)      1.34475
(15012702)
 3779413.0 |      1.19172 (15081422)      1.22153 (12081505)      1.25555
(12081505)
```

```
 3779363.0 |      1.14536 (15081422)      1.18822 (15081422)      1.20001
(12081505)
 3779313.0 |      1.11536 (15011017)      1.14746 (15081422)      1.18089
(15081422)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 100
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART13  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471075.86              471125.86              471175.86
       471225.86              471275.86
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777911.5 |      1.91383 (13092321)      1.89042 (13092321)      1.85714
(13082423)      1.84000 (15081522)      1.83802 (15081522)
 3777861.5 |      1.98494 (16072824)      1.96155 (13092321)      1.92869
(13082423)      1.89822 (16070903)      1.89451 (15081522)
 3777811.5 |      2.07835 (16072824)      2.03469 (13092321)      2.00290
(13092321)      1.96445 (13082423)      1.95296 (15081522)
 3777761.5 |      2.17053 (16072824)      2.12462 (16072824)      2.08157
(13092321)      2.04032 (13082423)      2.00339 (15081522)
 3777711.5 |      2.26602 (15083102)      2.21008 (16072824)      2.14689
(13092321)      2.10922 (13092321)      2.06425 (13082423)
 3777661.5 |      2.41597 (16102718)      2.30855 (15083102)      2.24171
(16072824)      2.18392 (13092321)      2.13942 (13082423)
 3777611.5 |      2.57303 (15082522)      2.44962 (16102718)      2.34061
```

```
(16072824)      2.26521 (16072824)      2.21564 (13092321)
 3777561.5 |      2.75654 (15082522)      2.59456 (16102718)      2.46128
(16102718)      2.37378 (16072824)      2.29003 (13092321)
 3777511.5 |      2.92730 (15082701)      2.76410 (15082522)      2.59030
(16102718)      2.45225 (16102718)      2.37347 (16072824)
 3777461.5 |      3.18147 (16082302)      2.93966 (15082701)      2.76823
(15082522)      2.59851 (16102718)      2.45016 (15083102)
 3777411.5 |      3.66270 (16072803)      3.20024 (16082302)      2.94028
(15082701)      2.74423 (15082522)      2.56059 (16102718)
 3777361.5 |      4.44726 (15081422)      3.64087 (16102921)      3.13516
(16082302)      3.06900 (15082701)      2.76795 (15082522)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 101
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART13  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       471325.86              471375.86              471425.86
       471475.86              471525.86
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3777911.5 |      1.82439 (13090305)      1.81522 (15063020)      1.80449
(15063020)      1.80782 (13090422)      1.78611 (13090422)
 3777861.5 |      1.87555 (13090305)      1.85269 (15063020)      1.85624
(15063020)      1.84786 (13090422)      1.84575 (13090422)
 3777811.5 |      1.93626 (15081522)      1.90911 (13090305)      1.90082
(15063020)      1.88978 (13090422)      1.89858 (13090422)
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```
 3777761.5 |      1.99857 (15081522)      1.96594 (13090305)      1.94923
(15063020)      1.93467 (15063020)      1.94658 (13090422)
 3777711.5 |      2.05376 (15081522)      2.02222 (15081522)      2.00070
(15063020)      1.99166 (15063020)      1.99263 (13090422)
 3777661.5 |      2.10651 (15081522)      2.08611 (15081522)      2.05103
(13090305)      2.04644 (15063020)      2.03956 (13090422)
 3777611.5 |      2.16219 (13082423)      2.14527 (15081522)      2.10607
(13090305)      2.09333 (15063020)      2.07969 (13090422)
 3777561.5 |      2.23844 (13092321)      2.18995 (15081522)      2.16568
(15081522)      2.12872 (15063020)      2.12797 (15063020)
 3777511.5 |      2.30488 (13092321)      2.21867 (13082423)      2.22054
(15081522)      2.20474 (13090305)      2.19175 (15063020)
 3777461.5 |      2.37498 (16072824)      2.27967 (13092321)      2.23862
(15081522)      2.27802 (15081522)      2.24024 (15063020)
 3777411.5 |      2.43089 (13082623)      2.32238 (16072824)      2.24480
(13092321)      2.26168 (15081522)      2.25953 (13090305)
 3777361.5 |      2.51090 (16102718)      2.39127 (15101121)      2.26350
(13092321)      2.23792 (12091206)      2.28688 (15090919)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 102
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART14  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       472114.69              472164.69              472214.69
       472264.69              472314.69
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
```

```
 3777124.5 |      2.15308 (12071204)      1.80621 (12081123)      1.69218
(11070701)      1.56352 (15042722)      1.47182 (12080824)
 3777074.5 |      2.17995 (12071204)      1.86499 (11070701)      1.72068
(11070701)      1.58393 (13081902)      1.48988 (11090520)
 3777024.5 |      2.21033 (12071204)      1.91989 (11070701)      1.75870
(11070701)      1.61544 (13081902)      1.51314 (11090520)
 3776974.5 |      2.21173 (13110820)      1.93435 (11070701)      1.78330
(15082303)      1.62679 (13081902)      1.52485 (11090520)
 3776924.5 |      2.20820 (12071220)      1.90382 (11070701)      1.78189
(11070701)      1.64493 (13081902)      1.54556 (11090520)
 3776874.5 |      2.15965 (12071220)      1.61123 (12081123)      1.56460
(11070701)      1.47739 (15042722)      1.44514 (11090520)
 3776824.5 |      1.99487 (12071220)      1.62538 (12081123)      1.54641
(12081123)      1.45591 (16092019)      1.41109 (12080824)
 3776774.5 |      1.92102 (12091321)      1.66842 (15090821)      1.55596
(11070701)      1.48153 (15042722)      1.42616 (11090520)
 3776724.5 |      2.01673 (12091321)      1.74380 (12081123)      1.57840
(12081123)      1.47452 (16092019)      1.45519 (11090520)
 3776674.5 |      2.11528 (12091321)      1.80819 (12081123)      1.59713
(12081123)      1.46620 (16092019)      1.39610 (12080824)
 3776624.5 |      2.23796 (12091321)      1.83765 (12081123)      1.64890
(12081123)      1.50492 (16092019)      1.42231 (12080824)
 3776574.5 |      2.26364 (12091321)      1.88840 (12081123)      1.68588
(12081123)      1.52838 (16092019)      1.42830 (11090520)
 3776524.5 |      2.37676 (12091321)      1.95733 (12081123)      1.69896
(12081123)      1.53433 (16092019)      1.40806 (11090520)
 3776474.5 |      2.57229 (12091321)      2.06781 (12081123)      1.76740
(12081524)      1.54728 (16092019)      1.39444 (12080824)
 3776424.5 |      2.70927 (12091321)      2.34360 (12081123)      1.83030
(12081524)      1.56081 (16092019)      1.40243 (15082606)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 103
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
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, C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART14 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	472364.69	472414.69	472464.69	472514.69	472564.69
3777124.5	1.39189 (11090520)	1.31691 (12081622)	1.25198 (12081702)	1.17443 (16072323)	1.12635 (13090423)
3777074.5	1.40167 (11090520)	1.31884 (12081702)	1.25267 (12081702)	1.18107 (16072323)	1.12816 (13090423)
3777024.5	1.41658 (11090520)	1.32495 (12081702)	1.24818 (12081702)	1.17424 (16072323)	1.12337 (13090423)
3776974.5	1.42817 (11090520)	1.32280 (11082620)	1.23285 (13072602)	1.14699 (12091320)	1.08480 (12091320)
3776924.5	1.43636 (11090520)	1.33357 (11082620)	1.23426 (13072602)	1.12184 (12091320)	1.07282 (12091320)
3776874.5	1.37151 (11090520)	1.29951 (12081702)	1.20548 (13072602)	1.13103 (12091320)	1.08143 (13090423)
3776824.5	1.35795 (11090520)	1.29326 (12081702)	1.20006 (12081702)	1.11824 (12091320)	1.06689 (12091320)
3776774.5	1.36848 (11090520)	1.28660 (12081702)	1.20595 (13072602)	1.13137 (12091320)	1.06565 (12091320)
3776724.5	1.38517 (11090520)	1.28985 (16091720)	1.20526 (13072602)	1.14667 (12091320)	1.07178 (12091320)
3776674.5	1.30978 (11090520)	1.23878 (12081702)	1.15302 (13072602)	1.14548 (12091320)	1.06928 (16110719)
3776624.5	1.31854 (11090520)	1.23860 (12081702)	1.15547 (13072602)	1.12132 (12091320)	1.05232 (13090423)
3776574.5	1.32078 (11090520)	1.23311 (12081702)	1.15033 (12092120)	1.12973 (12091320)	1.05851 (13100620)
3776524.5	1.29622 (11090520)	1.20237 (12081702)	1.11107 (12092120)	1.05600 (12091320)	0.99739 (16110719)
3776474.5	1.27724 (12081702)	1.18502 (12081702)	1.08325 (12092120)	1.03588 (12091320)	0.96981 (16110719)
3776424.5	1.27446 (12081702)	1.17612 (12081702)	1.06559 (12091320)	1.01775 (13090423)	0.95707 (12092721)

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART15  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       472138.17               472188.17               472238.17
       472288.17               472338.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3775714.7 |      2.82649 (13061906)      2.17922 (12080824)      1.71821
(12081702)      1.43954 (12081702)      1.22534 (13090423)
 3775664.7 |      2.83559 (12081123)      2.60370 (11090520)      1.74902
(12081702)      1.42032 (12081702)      1.20466 (13090423)
 3775614.7 |      2.77035 (16092019)      2.38992 (11090520)      1.66091
(12081702)      1.39569 (13090423)      1.18647 (13090423)
 3775564.7 |      2.58643 (13071606)      1.97712 (12080824)      1.56723
(13071606)      1.35353 (13090423)      1.14856 (13090423)
 3775514.7 |      2.53322 (13071606)      1.92545 (13071606)      1.55484
(13071606)      1.30395 (13071606)      1.12074 (13071606)
 3775464.7 |      2.52195 (13071606)      1.91617 (13071606)      1.54786
(13071606)      1.29842 (13071606)      1.11604 (13071606)
 3775414.7 |      2.53772 (13071606)      1.91718 (13071606)      1.54512
(13071606)      1.29422 (13071606)      1.11154 (13071606)
 3775364.7 |      2.56245 (13071606)      1.92424 (13071606)      1.54496
(13071606)      1.29109 (13071606)      1.10735 (13071606)
 3775314.7 |      2.59817 (13071606)      1.93496 (13071606)      1.54576
(13071606)      1.28781 (13071606)      1.10258 (13071606)
 3775264.7 |      2.65890 (13071606)      1.94676 (13071606)      1.54515
(13071606)      1.28337 (13071606)      1.09694 (13071606)
 3775214.7 |      2.69324 (13071606)      1.95065 (13071606)      1.54117
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(13071606)      1.27679 (13071606)      1.08965 (13071606)
 3775164.7 |      2.66739 (13071606)      1.93812 (13071606)      1.53065
(13071606)      1.26731 (13071606)      1.08042 (13071606)
 3775114.7 |      2.61647 (13071606)      1.91454 (13071606)      1.51537
(13071606)      1.25512 (13071606)      1.06945 (13071606)
 3775064.7 |      2.57075 (13071606)      1.89021 (13071606)      1.49749
(13071606)      1.24029 (13071606)      1.05664 (13071606)
 3775014.7 |      2.53962 (13071606)      1.86739 (13071606)      1.47899
(13071606)      1.22460 (13071606)      1.04445 (13112508)
 3774964.7 |      2.49836 (13071606)      1.84046 (13071606)      1.45905
(13071606)      1.20718 (13071606)      1.03785 (13112508)
 3774914.7 |      2.46243 (13071606)      1.81704 (13071606)      1.43813
(13071606)      1.18768 (13071606)      1.02922 (13112508)
 3774864.7 |      2.47993 (12061206)      1.79166 (13071606)      1.41445
(13071606)      1.16581 (13071606)      1.01625 (16110804)
 3774814.7 |      2.54638 (12061206)      1.76239 (13071606)      1.38675
(13071606)      1.14147 (12100124)      1.00482 (16110804)
 3774764.7 |      2.36363 (13071606)      1.72563 (13071606)      1.35389
(13071606)      1.12996 (12100124)      0.99465 (16110804)
 3774714.7 |      2.30193 (13071606)      1.67751 (13071606)      1.31289
(13071606)      1.11610 (12100124)      0.98283 (12100124)
 3774664.7 |      2.34746 (12061206)      1.61926 (13071606)      1.27058
(12100124)      1.09945 (12100124)      0.97040 (12100124)
 3774614.7 |      2.26681 (12061206)      1.54145 (13071606)      1.24959
(12100124)      1.08180 (12100124)      0.95545 (12100124)
 3774564.7 |      1.99892 (13071606)      1.47440 (12100124)      1.22855
(12100124)      1.06463 (12100124)      0.94152 (12100124)
 3774514.7 |      1.95317 (13041207)      1.44815 (12100124)      1.20593
(12100124)      1.04554 (12100124)      0.92525 (12100124)
 3774464.7 |      1.94927 (13062206)      1.40529 (12100124)      1.18009
(12100124)      1.02656 (12100124)      0.90962 (12100124)
 3774414.7 |      1.80645 (13041207)      1.34512 (12100124)      1.14656
(12100124)      1.00376 (12100124)      0.89366 (12100124)
 3774364.7 |      1.76830 (13041207)      1.29190 (12100124)      1.11022
(12100124)      0.98001 (12100124)      0.87759 (12100124)
 3774314.7 |      1.69623 (13041207)      1.23259 (12092403)      1.07320
(12100124)      0.95439 (12100124)      0.85858 (12100124)
 3774264.7 |      1.48926 (13041207)      1.19017 (13041207)      1.02657
(12100124)      0.92770 (12100124)      0.84113 (12100124)
```


*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION

```
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART16  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       472255.22              472305.22              472355.22
       472405.22              472455.22
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776236.9 |      1.66068 (12080824)      1.46087 (15082606)      1.29562
(12081702)      1.16403 (12081702)      1.07290 (12091320)
 3776186.9 |      1.67537 (12080824)      1.48206 (15082606)      1.29701
(12081702)      1.17619 (12092120)      1.06462 (12091320)
 3776136.9 |      1.67820 (12080824)      1.49038 (12081622)      1.28822
(12081702)      1.15854 (13090423)      1.04972 (12091320)
 3776086.9 |      1.68991 (12080824)      1.47761 (12081702)      1.27984
(12081702)      1.14969 (12091320)      1.02631 (12091320)
 3776036.9 |      1.69182 (12080824)      1.46268 (12081702)      1.27031
(12081702)      1.11920 (13090423)      0.99913 (12091320)
 3775986.9 |      1.69238 (15082606)      1.47073 (12081702)      1.27389
(12081702)      1.11858 (12091320)      0.95429 (13090423)
 3775936.9 |      1.71603 (15082606)      1.45749 (12081702)      1.26455
(13090423)      1.10917 (12091320)      0.93909 (11120208)
 3775886.9 |      1.69399 (12081622)      1.44804 (12081702)      1.23710
(13090423)      1.06256 (13090423)      0.93586 (11120208)
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                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
```

BNSF Ono_Con_PM25.ADO
INCLUDING SOURCE(S): C3037090 , C3037091
, C3037092 , C3037093 , C3037094 ,
C3037095 , C3037096 , C3037097 , C3037098 , C3037099
, C3037100 , C3037101 , C3037102 ,
C3037103 , C3037104 , C3037105 , C3037106 , C3037107
, C3037108 , C3037109 , C3037110 ,
C3037111 , C3037112 , C3037113 , C3037114 , C3037115
, C3037116 , C3037117 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 471773.42	471823.42	471873.42	471923.42	471973.42
3776102.4	2.14071 (15063020)	2.37506 (13090422)	2.61713 (13090923)	3.08142 (12092121)	4.32225 (13071606)
3776052.4	2.11545 (15063020)	2.35583 (13090422)	2.61836 (13090923)	3.06961 (12092121)	4.24840 (13071606)
3776002.4	2.08246 (15090919)	2.33334 (13090422)	2.59656 (13090923)	3.04919 (12092121)	4.19138 (11061907)
3775952.4	2.04603 (15090919)	2.27410 (13090422)	2.53205 (13090923)	2.91813 (12092121)	3.73543 (11082623)
3775902.4	2.04636 (15090919)	2.24367 (13090422)	2.46544 (13090923)	2.90278 (12092121)	3.73327 (11082623)
3775852.4	2.00078 (15090919)	2.20362 (13090422)	2.39817 (13090923)	2.79720 (12092121)	3.66654 (11082623)
3775802.4	1.97680 (15090919)	2.15322 (13090422)	2.35837 (13090422)	2.76588 (12092121)	3.62121 (11082623)
3775752.4	1.91296 (15090919)	2.12442 (13090422)	2.34893 (13090422)	2.74503 (12092121)	3.56612 (11082623)
3775702.4	1.89933 (15090919)	2.12032 (15090919)	2.35772 (13090422)	2.73895 (12082102)	3.57892 (11082623)
3775652.4	1.87603 (11100120)	2.19455 (15090919)	2.72087 (13090422)	3.89043 (13090422)	5.45931 (12082102)
3775602.4	1.85616 (11100120)	2.11034 (15090919)	2.42171 (13090422)	2.95962 (12082102)	4.36894 (13071606)
3775552.4	1.82679 (11100120)	2.09109 (15090919)	2.34539 (13090422)	2.85106 (12082102)	4.66657 (13071606)
3775502.4	1.81801 (12091206)	2.07268 (15090919)	2.37968 (13090422)	2.93045 (13071606)	4.97022 (11061907)
3775452.4	1.77350 (12091206)	1.98555 (15090919)	2.28588		

```
(13090422)      3.09693 (13071606)      6.43887 (12061507)
 3775402.4 |      1.71844 (12091206)      1.94257 (15090919)      2.30128
(13090422)      3.51961 (12102008)      8.62260 (11061907)
 3775352.4 |      1.67400 (11070706)      1.91231 (15090919)      2.20346
(13090422)      2.99947 (11061907)      6.36971 (11061907)
 3775302.4 |      1.66039 (11070706)      1.85660 (15090919)      2.06367
(13090422)      3.04914 (11061907)      4.82528 (11061907)
 3775252.4 |      1.55477 (11070706)      1.68610 (15090919)      1.95490
(13071606)      2.77177 (11061907)      4.46592 (11061907)
 3775202.4 |      1.50977 (11070706)      1.54371 (11070706)      1.90868
(13071606)      2.55694 (11061907)      4.07599 (11061907)
 3775152.4 |      1.39236 (11070706)      1.51882 (13071606)      1.87933
(13071606)      2.47688 (13071606)      3.73776 (13071606)
 3775102.4 |      1.28346 (11070706)      1.50564 (13071606)      1.86619
(13071606)      2.47120 (13071606)      3.79172 (13071606)
 3775052.4 |      1.25245 (13071606)      1.49898 (13071606)      1.86539
(13071606)      2.48566 (13071606)      3.86230 (13071606)
 3775002.4 |      1.24567 (13071606)      1.49762 (13071606)      1.87497
(13071606)      2.51689 (13071606)      3.93391 (13071606)
 3774952.4 |      1.24008 (13071606)      1.50005 (13071606)      1.89501
(13071606)      2.57767 (13071606)      4.09691 (13071606)
 3774902.4 |      1.23363 (13071606)      1.50332 (13071606)      1.92150
(13071606)      2.67587 (13071606)      4.58663 (13071606)
 3774852.4 |      1.22390 (13071606)      1.50282 (13071606)      1.94294
(13071606)      2.75169 (13071606)      5.24445 (12102008)
 3774802.4 |      1.20813 (13071606)      1.49384 (13071606)      1.95334
(13071606)      2.80895 (13071606)      5.40353 (11061907)
 3774752.4 |      1.18357 (13071606)      1.47083 (13071606)      1.94288
(13071606)      2.88961 (13071606)      6.57189 (12102008)
 3774702.4 |      1.14846 (13071606)      1.42879 (13071606)      2.02081
(12102008)      3.35983 (12102008)      7.69836 (11061907)
 3774652.4 |      1.10283 (13071606)      1.38165 (12102008)      1.80191
(12102008)      2.96734 (11061907)      6.31253 (11061907)
 3774602.4 |      1.04772 (13071606)      1.29868 (13071606)      1.77054
(11061907)      3.00441 (11061907)      4.62740 (16012717)
 3774552.4 |      1.03978 (15100918)      1.25573 (15100918)      1.82961
(11061907)      2.71162 (11061907)      5.08365 (13041307)
 3774502.4 |      1.02585 (15100918)      1.26582 (11061907)      1.78133
(11061907)      2.84194 (12102008)      6.03375 (13041307)
 3774452.4 |      1.00545 (15100918)      1.26750 (11061907)      1.70293
(11061907)      2.63538 (11061907)      5.96232 (11061907)
 3774402.4 |      0.98414 (15100918)      1.25018 (11061907)      1.70232
(11061907)      2.70049 (11061907)      4.24895 (11061907)
 3774352.4 |      0.96425 (15100918)      1.24347 (11061907)      1.70879
(11061907)      2.44007 (11061907)      3.28032 (16012717)
 3774302.4 |      0.96094 (11061907)      1.23887 (11061907)      1.64012
(11061907)      2.06077 (16012717)      2.26881 (16012717)
 3774252.4 |      0.95916 (11061907)      1.21117 (11061907)      1.48546
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(11061907)      1.72215 (16012717)      1.59192 (16012717)
 3774202.4 |      0.94657 (11061907)      1.14357 (11061907)      1.31367
(16012717)      1.47394 (16012717)      1.34536 (12031608)
 3774152.4 |      0.91457 (11061907)      1.03491 (11061907)      1.15641
(16012717)      1.12695 (16012717)      1.18474 (12031608)
```

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                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

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

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       472023.42
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776102.4 |      9.77656 (12061507)
 3776052.4 |     10.22073 (12061507)
 3776002.4 |      9.90316 (13041307)
 3775952.4 |      8.68671 (13041307)
 3775902.4 |      8.69102 (13041307)
 3775852.4 |      8.68697 (13041307)
 3775802.4 |      8.44824 (12061507)
 3775752.4 |      8.22355 (13041307)
 3775702.4 |      8.20643 (13041307)
 3775652.4 |      8.95433 (12061507)
 3775602.4 |     10.85072 (11061907)
 3775552.4 |     10.31653 (12031608)
 3775502.4 |     10.38153 (12031608)
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 3775452.4 |     10.04548 (12031608)
 3775402.4 |      9.29304 (12061507)
 3775352.4 |     10.76107 (12031608)
 3775302.4 |     10.56637 (12031608)
 3775252.4 |     12.28467 (13041307)
 3775202.4 |     10.05142 (13041307)
 3775152.4 |     10.71080 (13041307)
 3775102.4 |     11.72194 (13041307)
 3775052.4 |     12.62836 (13041307)
 3775002.4 |     11.67383 (11061907)
 3774952.4 |     11.70542 (16012717)
 3774902.4 |     11.68948 (16012717)
 3774852.4 |     10.44464 (13041307)
 3774802.4 |     10.42006 (13041307)
 3774752.4 |     12.76022 (13041307)
 3774702.4 |     10.96215 (13041307)
 3774652.4 |     11.68456 (13041307)
 3774602.4 |     11.53442 (13041307)
 3774552.4 |     11.45952 (13041307)
 3774502.4 |     11.42424 (13041307)
 3774452.4 |      9.94343 (12031608)
 3774402.4 |      7.88888 (12031608)
 3774352.4 |      4.12121 (12031608)
 3774302.4 |      2.83451 (12031608)
 3774252.4 |      2.18356 (12031608)
 3774202.4 |      1.78406 (12031608)
 3774152.4 |      1.51152 (12031608)
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                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART2   ;  NETWORK TYPE:
GRIDCART ***
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                                        ** CONC OF CO       IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471764.54              471814.54              471864.54
       471914.54              471964.54
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3776302.8 |      2.28036 (13090422)      2.49777 (13090422)      2.72644
(12082102)      3.14383 (12092121)      4.06928 (13071606)
 3776252.8 |      2.21928 (13090422)      2.39917 (13090422)      2.64976
(12082102)      3.05167 (12092121)      3.84176 (11082623)
 3776202.8 |      2.17856 (13090422)      2.37325 (13090422)      2.61634
(13090923)      3.04887 (12092121)      3.79698 (11082623)
 3776152.8 |      2.13512 (15063020)      2.33463 (13090422)      2.58884
(13090923)      2.97957 (12092121)      3.84772 (11082623)
 3776102.8 |      2.11166 (15063020)      2.33912 (13090422)      2.56228
(13090923)      2.97695 (12092121)      3.89157 (11082623)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 109
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART2   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       472014.54
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776302.8 |     10.90671 (13041307)
 3776252.8 |      9.51097 (13041307)
 3776202.8 |      9.28736 (12061507)
 3776152.8 |     11.28113 (12061507)
 3776102.8 |     12.20072 (12061507)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 110
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART3   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471756.60              471806.60              471856.60
       471906.60              471956.60
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776504.7 |      2.63925 (13090422)      2.98396 (13090923)      3.59770
(12082102)      4.91873 (13071606)     11.11754 (13041207)
 3776454.7 |      2.50462 (13090422)      2.80340 (13090422)      3.29524
(12082102)      4.18847 (12092121)      7.51521 (13041307)
 3776404.7 |      2.40775 (13090422)      2.64609 (13090422)      3.07383
(13090923)      3.90904 (12082102)      5.41820 (13062006)
 3776354.7 |      2.30857 (13090422)      2.53719 (13090422)      2.76769
(12082102)      3.22026 (12092121)      4.38853 (13071606)
 3776304.7 |      2.24453 (13090422)      2.47009 (13090422)      2.67833
(13090923)      3.05899 (12092121)      3.85164 (11082623)
```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): C3037090 , C3037091
, C3037092 , C3037093 , C3037094 ,
C3037095 , C3037096 , C3037097 , C3037098 , C3037099
, C3037100 , C3037101 , C3037102 ,
C3037103 , C3037104 , C3037105 , C3037106 , C3037107
, C3037108 , C3037109 , C3037110 ,
C3037111 , C3037112 , C3037113 , C3037114 , C3037115
, C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART3 ; NETWORK TYPE:
GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 472006.60
3776504.7	4.90333 (13071606)
3776454.7	7.85700 (12061507)
3776404.7	11.57958 (12061507)
3776354.7	12.16649 (12061507)
3776304.7	8.76207 (13041307)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): C3037090 , C3037091
, C3037092 , C3037093 , C3037094 ,
C3037095 , C3037096 , C3037097 , C3037098 , C3037099

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 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART4   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471664.52               471714.52               471764.52
       471814.52               471864.52
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776653.9 |      2.68400 (15063020)      3.15641 (13090422)      3.93161
(13090422)      5.93547 (13071606)      9.58527 (12031208)
 3776603.9 |      2.41587 (15063020)      2.76566 (13090422)      3.28425
(13090422)      4.08688 (13090923)      7.11721 (13071606)
 3776553.9 |      2.24037 (15063020)      2.52786 (15063020)      2.91935
(13090422)      3.46504 (13090923)      5.48730 (12102008)
 3776503.9 |      2.10762 (15063020)      2.36218 (15063020)      2.69972
(13090422)      3.05419 (13090923)      3.71557 (12082102)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                   PAGE 113
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART4   ;  NETWORK TYPE:
GRIDCART ***
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                                   ** CONC OF CO       IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       471914.52
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3776653.9 |      5.77098 (12061507)
 3776603.9 |     11.32987 (12061507)
 3776553.9 |     10.23096 (13041207)
 3776503.9 |      5.37908 (13071606)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***       08:39:22

                                 PAGE 114
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
               C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
               C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
               C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                 *** NETWORK ID: UCART5   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       471554.26              471604.26              471654.26
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3776759.2 |      2.64557 (15081522)      3.13522 (15081522)      3.97675
(15063020)
 3776709.2 |      2.31220 (15081522)      2.63330 (15081522)      3.08507
(15063020)
 3776659.2 |      2.09635 (15081522)      2.33492 (15081522)      2.64467
(15063020)
```

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 3776609.2 |      1.94455 (15081522)      2.13794 (15081522)      2.37555
(15063020)
 3776559.2 |      1.82512 (15081522)      1.99932 (15081522)      2.20178
(15063020)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 115
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART6   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471343.73              471393.73              471443.73
       471493.73              471543.73
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776922.8 |      2.49351 (12091521)      2.91510 (13090622)      3.78831
(16071006)      6.15668 (13071606)      9.70250 (12031208)
 3776872.8 |      2.07810 (12091521)      2.36374 (12091521)      2.75617
(13082423)      3.61597 (13090622)      5.42199 (13041307)
 3776822.8 |      1.86331 (13092321)      2.06663 (13092321)      2.32557
(13082423)      2.76085 (12091521)      3.41144 (13090622)
 3776772.8 |      1.70963 (13092321)      1.86973 (13092321)      2.05957
(13082423)      2.31589 (15081522)      2.67992 (15081522)
 3776722.8 |      1.59242 (13092321)      1.72767 (13092321)      1.87810
(13082423)      2.06065 (16070903)      2.32296 (15081522)
 3776672.8 |      1.50548 (16072824)      1.62046 (13092321)      1.74723
(13082423)      1.88988 (13082423)      2.09977 (15081522)
 3776622.8 |      1.43767 (16072824)      1.53457 (13092321)      1.64882
```

(13092321) 1.77141 (13082423) 1.94102 (15081522)
3776572.8 | 1.38189 (16072824) 1.46370 (16072824) 1.56982
(13092321) 1.68515 (13082423) 1.81855 (15081522)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): C3037090 , C3037091
, C3037092 , C3037093 , C3037094 ,
C3037095 , C3037096 , C3037097 , C3037098 , C3037099
, C3037100 , C3037101 , C3037102 ,
C3037103 , C3037104 , C3037105 , C3037106 , C3037107
, C3037108 , C3037109 , C3037110 ,
C3037111 , C3037112 , C3037113 , C3037114 , C3037115
, C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART7 ; NETWORK TYPE:
GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 471137.27 471187.27 471237.27
471287.27 471337.27
- -
- -

3777005.9 | 2.02292 (16072703) 2.22526 (16072703) 2.50780
(12091521) 2.93396 (13090622) 3.78183 (16071006)
3776955.9 | 1.81974 (16081423) 1.96710 (15101502) 2.16108
(16072703) 2.42764 (12091521) 2.78017 (13090622)
3776905.9 | 1.62616 (16081423) 1.75210 (16081423) 1.86237
(15101502) 2.05382 (16072703) 2.29859 (12091521)
3776855.9 | 1.46523 (16072401) 1.55939 (16081423) 1.67416
(16081423) 1.79153 (15101502) 1.96746 (13092321)
3776805.9 | 1.33697 (15090724) 1.41670 (15090724) 1.51340
(16072824) 1.63528 (16072824) 1.78421 (13092321)
3776755.9 | 1.23880 (16102718) 1.32487 (15083102) 1.42370
(16072824) 1.53068 (16072824) 1.64839 (13092321)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): C3037090 , C3037091
, C3037092 , C3037093 , C3037094 ,
C3037095 , C3037096 , C3037097 , C3037098 , C3037099
, C3037100 , C3037101 , C3037102 ,
C3037103 , C3037104 , C3037105 , C3037106 , C3037107
, C3037108 , C3037109 , C3037110 ,
C3037111 , C3037112 , C3037113 , C3037114 , C3037115
, C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART8 ; NETWORK TYPE:
GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 471025.84	471075.84	471125.84	471175.84	471225.84
3777113.8	2.20602 (16072703)	2.42894 (16111321)	2.74271 (12091521)	3.28097 (13090622)	4.55682 (16071006)
3777063.8	1.94524 (16081423)	2.12073 (16072703)	2.32409 (16072703)	2.64341 (12091521)	3.08238 (13090622)
3777013.8	1.75405 (16081423)	1.88675 (16081423)	2.03032 (16072703)	2.23159 (16072703)	2.50831 (12091521)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): C3037090 , C3037091
, C3037092 , C3037093 , C3037094 ,
C3037095 , C3037096 , C3037097 , C3037098 , C3037099

```
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART8   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471275.84
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3777113.8 |      8.56804 (15062206)
 3777063.8 |      4.11294 (16071006)
 3777013.8 |      2.91513 (13090622)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                   PAGE 119
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART9   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471071.36              471121.36              471171.36
       471221.36
```

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 - - -
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```
 3777052.6 |      1.11262 (11082723)      1.16765 (11082723)      1.23819
(15090724)      1.31273 (15090724)      1.38657 (15090724)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 121
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART10  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       470856.55              470906.55              470956.55
       471006.55              471056.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3777252.6 |      2.42873 (16072703)      2.85253 (16072703)      3.55512
(16072703)      4.08891 (12091521)      5.00380 (15062206)
 3777202.6 |      2.02626 (15101502)      2.22557 (16072703)      2.46687
(16072703)      2.81710 (12091521)      3.35276 (12091521)
 3777152.6 |      1.81338 (16081423)      1.94501 (15101502)      2.12885
(16072703)      2.36612 (16072703)      2.67556 (16111420)
 3777102.6 |      1.62753 (16081423)      1.76552 (16081423)      1.91010
(16081423)      2.05531 (16072703)      2.28406 (16072703)
 3777052.6 |      1.48324 (16072401)      1.58794 (16072401)      1.71542
(16081423)      1.84190 (16081423)      2.00094 (15101502)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): C3037090 , C3037091 , C3037092 , C3037093 , C3037094 ,
C3037095 , C3037096 , C3037097 , C3037098 , C3037099 , C3037100 , C3037101 , C3037102 ,
C3037103 , C3037104 , C3037105 , C3037106 , C3037107 , C3037108 , C3037109 , C3037110 ,
C3037111 , C3037112 , C3037113 , C3037114 , C3037115 , C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART11 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	470269.99	470319.99	470369.99	470419.99
3777554.4	1.47944 (15102720)	1.56353 (15101502)	1.65850 (15101502)	1.80122 (16072703)
3777504.4	1.41032 (16081423)	1.48692 (16081423)	1.57098 (15101502)	1.68027 (15101502)
3777454.4	1.31443 (13082602)	1.40258 (16081423)	1.48396 (16081423)	1.56820 (16081423)
3777404.4	1.23606 (16072401)	1.30085 (13082602)	1.37999 (16081423)	1.47193 (16081423)
3777354.4	1.15777 (16072401)	1.22261 (16072401)	1.28731 (16072401)	1.36143 (13082602)
3777304.4	1.09382 (15090724)	1.14504 (15090724)	1.20588 (16072401)	1.27784 (16072401)

*** AERMOD - VERSION 19191 *** *** Construction CO ***
06/23/20
*** AERMET - VERSION 16216 *** ***
08:39:22

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

```
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                 C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                 C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                 C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART12  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       468710.70              468760.70              468810.70
       468860.70              468910.70
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3779663.0 |      1.02165 (15081422)      1.06927 (12081505)      1.15354
(12081505)      1.26489 (15012702)      1.48131 (15062206)
 3779613.0 |      1.01511 (15081422)      1.07646 (15081422)      1.13353
(15081422)      1.23270 (12081505)      1.36195 (15012702)
 3779563.0 |      1.00624 (15011017)      1.05931 (15081422)      1.12529
(15081422)      1.18938 (15081422)      1.29154 (12081505)
 3779513.0 |      1.00297 (12090901)      1.04236 (15011017)      1.09734
(15081422)      1.16497 (15081422)      1.22368 (12081505)
 3779463.0 |      0.99701 (12090901)      1.03442 (12090901)      1.07285
(15011017)      1.12466 (15081422)      1.18639 (15081422)
 3779413.0 |      0.98877 (15062604)      1.02245 (12090901)      1.06042
(12090901)      1.09395 (15011017)      1.13900 (15081422)
 3779363.0 |      0.97944 (15061824)      1.01333 (15062604)      1.04347
(12090901)      1.08036 (12090901)      1.10682 (15011017)
 3779313.0 |      0.97967 (15061824)      1.00360 (15061824)      1.03356
(15062604)      1.06047 (12090901)      1.09471 (12090901)
```



```
                                 *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
```

```
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART12  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       468960.70              469010.70              469060.70
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3779663.0 |      1.96612 (15062206)      2.92556 (11061907)      5.63162
(13041307)
 3779613.0 |      1.62348 (15062206)      2.12615 (15062206)      3.25012
(11061907)
 3779563.0 |      1.41553 (15012702)      1.65680 (15062206)      2.29324
(11061907)
 3779513.0 |      1.31324 (12081505)      1.40823 (15012702)      1.73917
(11061907)
 3779463.0 |      1.23271 (12081505)      1.29613 (12081505)      1.34475
(15012702)
 3779413.0 |      1.19172 (15081422)      1.22153 (12081505)      1.25555
(12081505)
 3779363.0 |      1.14536 (15081422)      1.18822 (15081422)      1.20001
(12081505)
 3779313.0 |      1.11536 (15011017)      1.14746 (15081422)      1.18089
(15081422)
```

```
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART13  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471075.86               471125.86               471175.86
       471225.86               471275.86
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777911.5 |      1.91383 (13092321)      1.89042 (13092321)      1.85714
(13082423)      1.84000 (15081522)      1.83802 (15081522)
 3777861.5 |      1.98494 (16072824)      1.96155 (13092321)      1.92869
(13082423)      1.89822 (16070903)      1.89451 (15081522)
 3777811.5 |      2.07835 (16072824)      2.03469 (13092321)      2.00290
(13092321)      1.96445 (13082423)      1.95296 (15081522)
 3777761.5 |      2.17053 (16072824)      2.12462 (16072824)      2.08157
(13092321)      2.04032 (13082423)      2.00339 (15081522)
 3777711.5 |      2.26602 (15083102)      2.21008 (16072824)      2.14689
(13092321)      2.10922 (13092321)      2.06425 (13082423)
 3777661.5 |      2.41597 (16102718)      2.30855 (15083102)      2.24171
(16072824)      2.18392 (13092321)      2.13942 (13082423)
 3777611.5 |      2.57303 (15082522)      2.44962 (16102718)      2.34061
(16072824)      2.26521 (16072824)      2.21564 (13092321)
 3777561.5 |      2.75654 (15082522)      2.59456 (16102718)      2.46128
(16102718)      2.37378 (16072824)      2.29003 (13092321)
 3777511.5 |      2.92730 (15082701)      2.76410 (15082522)      2.59030
(16102718)      2.45225 (16102718)      2.37347 (16072824)
 3777461.5 |      3.18147 (16082302)      2.93966 (15082701)      2.76823
(15082522)      2.59851 (16102718)      2.45016 (15083102)
 3777411.5 |      3.66270 (16072803)      3.20024 (16082302)      2.94028
(15082701)      2.74423 (15082522)      2.56059 (16102718)
 3777361.5 |      4.44726 (15081422)      3.64087 (16102921)      3.13516
(16082302)      3.06900 (15082701)      2.76795 (15082522)
```

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

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART13  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471325.86              471375.86              471425.86
       471475.86              471525.86
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777911.5 |      1.82439 (13090305)      1.81522 (15063020)      1.80449
(15063020)      1.80782 (13090422)      1.78611 (13090422)
 3777861.5 |      1.87555 (13090305)      1.85269 (15063020)      1.85624
(15063020)      1.84786 (13090422)      1.84575 (13090422)
 3777811.5 |      1.93626 (15081522)      1.90911 (13090305)      1.90082
(15063020)      1.88978 (13090422)      1.89858 (13090422)
 3777761.5 |      1.99857 (15081522)      1.96594 (13090305)      1.94923
(15063020)      1.93467 (15063020)      1.94658 (13090422)
 3777711.5 |      2.05376 (15081522)      2.02222 (15081522)      2.00070
(15063020)      1.99166 (15063020)      1.99263 (13090422)
 3777661.5 |      2.10651 (15081522)      2.08611 (15081522)      2.05103
(13090305)      2.04644 (15063020)      2.03956 (13090422)
 3777611.5 |      2.16219 (13082423)      2.14527 (15081522)      2.10607
(13090305)      2.09333 (15063020)      2.07969 (13090422)
 3777561.5 |      2.23844 (13092321)      2.18995 (15081522)      2.16568
(15081522)      2.12872 (15063020)      2.12797 (15063020)
 3777511.5 |      2.30488 (13092321)      2.21867 (13082423)      2.22054
(15081522)      2.20474 (13090305)      2.19175 (15063020)
 3777461.5 |      2.37498 (16072824)      2.27967 (13092321)      2.23862
(15081522)      2.27802 (15081522)      2.24024 (15063020)
 3777411.5 |      2.43089 (13082623)      2.32238 (16072824)      2.24480
(13092321)      2.26168 (15081522)      2.25953 (13090305)
 3777361.5 |      2.51090 (16102718)      2.39127 (15101121)      2.26350
```

(13092321)   2.23792 (12091206)   2.28688 (15090919)
↑ *** AERMOD - VERSION 19191 ***   *** Construction CO
***   06/23/20
*** AERMET - VERSION 16216 ***   ***
***   08:39:22

PAGE 127
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   C3037090   , C3037091
, C3037092   , C3037093   , C3037094   ,
C3037095   , C3037096   , C3037097   , C3037098   , C3037099
, C3037100   , C3037101   , C3037102   ,
C3037103   , C3037104   , C3037105   , C3037106   , C3037107
, C3037108   , C3037109   , C3037110   ,
C3037111   , C3037112   , C3037113   , C3037114   , C3037115
, C3037116   , C3037117   , . . .   ,

*** NETWORK ID: UCART14 ; NETWORK TYPE:
GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 472114.69   472164.69   472214.69
472264.69   472314.69
- -
- -

3777124.5 | 2.15308 (12071204)   1.80621 (12081123)   1.69218
(11070701)   1.56352 (15042722)   1.47182 (12080824)
3777074.5 | 2.17995 (12071204)   1.86499 (11070701)   1.72068
(11070701)   1.58393 (13081902)   1.48988 (11090520)
3777024.5 | 2.21033 (12071204)   1.91989 (11070701)   1.75870
(11070701)   1.61544 (13081902)   1.51314 (11090520)
3776974.5 | 2.21173 (13110820)   1.93435 (11070701)   1.78330
(15082303)   1.62679 (13081902)   1.52485 (11090520)
3776924.5 | 2.20820 (12071220)   1.90382 (11070701)   1.78189
(11070701)   1.64493 (13081902)   1.54556 (11090520)
3776874.5 | 2.15965 (12071220)   1.61123 (12081123)   1.56460
(11070701)   1.47739 (15042722)   1.44514 (11090520)
3776824.5 | 1.99487 (12071220)   1.62538 (12081123)   1.54641
(12081123)   1.45591 (16092019)   1.41109 (12080824)
3776774.5 | 1.92102 (12091321)   1.66842 (15090821)   1.55596
(11070701)   1.48153 (15042722)   1.42616 (11090520)

```
 3776724.5 |      2.01673 (12091321)      1.74380 (12081123)      1.57840
(12081123)      1.47452 (16092019)      1.45519 (11090520)
 3776674.5 |      2.11528 (12091321)      1.80819 (12081123)      1.59713
(12081123)      1.46620 (16092019)      1.39610 (12080824)
 3776624.5 |      2.23796 (12091321)      1.83765 (12081123)      1.64890
(12081123)      1.50492 (16092019)      1.42231 (12080824)
 3776574.5 |      2.26364 (12091321)      1.88840 (12081123)      1.68588
(12081123)      1.52838 (16092019)      1.42830 (11090520)
 3776524.5 |      2.37676 (12091321)      1.95733 (12081123)      1.69896
(12081123)      1.53433 (16092019)      1.40806 (11090520)
 3776474.5 |      2.57229 (12091321)      2.06781 (12081123)      1.76740
(12081524)      1.54728 (16092019)      1.39444 (12080824)
 3776424.5 |      2.70927 (12091321)      2.34360 (12081123)      1.83030
(12081524)      1.56081 (16092019)      1.40243 (15082606)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        08:39:22

                                   PAGE 128
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
               C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
               C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
               C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART14  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       472364.69              472414.69              472464.69
       472514.69              472564.69
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777124.5 |      1.39189 (11090520)      1.31691 (12081622)      1.25198
(12081702)      1.17443 (16072323)      1.12635 (13090423)
 3777074.5 |      1.40167 (11090520)      1.31884 (12081702)      1.25267
```

```
(12081702)      1.18107 (16072323)      1.12816 (13090423)
 3777024.5 |      1.41658 (11090520)      1.32495 (12081702)      1.24818
(12081702)      1.17424 (16072323)      1.12337 (13090423)
 3776974.5 |      1.42817 (11090520)      1.32280 (11082620)      1.23285
(13072602)      1.14699 (12091320)      1.08480 (12091320)
 3776924.5 |      1.43636 (11090520)      1.33357 (11082620)      1.23426
(13072602)      1.12184 (12091320)      1.07282 (12091320)
 3776874.5 |      1.37151 (11090520)      1.29951 (12081702)      1.20548
(13072602)      1.13103 (12091320)      1.08143 (13090423)
 3776824.5 |      1.35795 (11090520)      1.29326 (12081702)      1.20006
(12081702)      1.11824 (12091320)      1.06689 (12091320)
 3776774.5 |      1.36848 (11090520)      1.28660 (12081702)      1.20595
(13072602)      1.13137 (12091320)      1.06565 (12091320)
 3776724.5 |      1.38517 (11090520)      1.28985 (16091720)      1.20526
(13072602)      1.14667 (12091320)      1.07178 (12091320)
 3776674.5 |      1.30978 (11090520)      1.23878 (12081702)      1.15302
(13072602)      1.14548 (12091320)      1.06928 (16110719)
 3776624.5 |      1.31854 (11090520)      1.23860 (12081702)      1.15547
(13072602)      1.12132 (12091320)      1.05232 (13090423)
 3776574.5 |      1.32078 (11090520)      1.23311 (12081702)      1.15033
(12092120)      1.12973 (12091320)      1.05851 (13100620)
 3776524.5 |      1.29622 (11090520)      1.20237 (12081702)      1.11107
(12092120)      1.05600 (12091320)      0.99739 (16110719)
 3776474.5 |      1.27724 (12081702)      1.18502 (12081702)      1.08325
(12092120)      1.03588 (12091320)      0.96981 (16110719)
 3776424.5 |      1.27446 (12081702)      1.17612 (12081702)      1.06559
(12091320)      1.01775 (13090423)      0.95707 (12092721)
```



```
                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART15  ;  NETWORK TYPE:
GRIDCART ***
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                                        ** CONC OF CO       IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       472138.17               472188.17               472238.17
       472288.17               472338.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3775714.7 |      2.82649 (13061906)      2.17922 (12080824)      1.71821
(12081702)      1.43954 (12081702)      1.22534 (13090423)
 3775664.7 |      2.83559 (12081123)      2.60370 (11090520)      1.74902
(12081702)      1.42032 (12081702)      1.20466 (13090423)
 3775614.7 |      2.77035 (16092019)      2.38992 (11090520)      1.66091
(12081702)      1.39569 (13090423)      1.18647 (13090423)
 3775564.7 |      2.58643 (13071606)      1.97712 (12080824)      1.56723
(13071606)      1.35353 (13090423)      1.14856 (13090423)
 3775514.7 |      2.53322 (13071606)      1.92545 (13071606)      1.55484
(13071606)      1.30395 (13071606)      1.12074 (13071606)
 3775464.7 |      2.52195 (13071606)      1.91617 (13071606)      1.54786
(13071606)      1.29842 (13071606)      1.11604 (13071606)
 3775414.7 |      2.53772 (13071606)      1.91718 (13071606)      1.54512
(13071606)      1.29422 (13071606)      1.11154 (13071606)
 3775364.7 |      2.56245 (13071606)      1.92424 (13071606)      1.54496
(13071606)      1.29109 (13071606)      1.10735 (13071606)
 3775314.7 |      2.59817 (13071606)      1.93496 (13071606)      1.54576
(13071606)      1.28781 (13071606)      1.10258 (13071606)
 3775264.7 |      2.65890 (13071606)      1.94676 (13071606)      1.54515
(13071606)      1.28337 (13071606)      1.09694 (13071606)
 3775214.7 |      2.69324 (13071606)      1.95065 (13071606)      1.54117
(13071606)      1.27679 (13071606)      1.08965 (13071606)
 3775164.7 |      2.66739 (13071606)      1.93812 (13071606)      1.53065
(13071606)      1.26731 (13071606)      1.08042 (13071606)
 3775114.7 |      2.61647 (13071606)      1.91454 (13071606)      1.51537
(13071606)      1.25512 (13071606)      1.06945 (13071606)
 3775064.7 |      2.57075 (13071606)      1.89021 (13071606)      1.49749
(13071606)      1.24029 (13071606)      1.05664 (13071606)
 3775014.7 |      2.53962 (13071606)      1.86739 (13071606)      1.47899
(13071606)      1.22460 (13071606)      1.04445 (13112508)
 3774964.7 |      2.49836 (13071606)      1.84046 (13071606)      1.45905
(13071606)      1.20718 (13071606)      1.03785 (13112508)
 3774914.7 |      2.46243 (13071606)      1.81704 (13071606)      1.43813
(13071606)      1.18768 (13071606)      1.02922 (13112508)
 3774864.7 |      2.47993 (12061206)      1.79166 (13071606)      1.41445
(13071606)      1.16581 (13071606)      1.01625 (16110804)
 3774814.7 |      2.54638 (12061206)      1.76239 (13071606)      1.38675
(13071606)      1.14147 (12100124)      1.00482 (16110804)
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 3774764.7 |      2.36363 (13071606)      1.72563 (13071606)      1.35389
(13071606)      1.12996 (12100124)      0.99465 (16110804)
 3774714.7 |      2.30193 (13071606)      1.67751 (13071606)      1.31289
(13071606)      1.11610 (12100124)      0.98283 (12100124)
 3774664.7 |      2.34746 (12061206)      1.61926 (13071606)      1.27058
(12100124)      1.09945 (12100124)      0.97040 (12100124)
 3774614.7 |      2.26681 (12061206)      1.54145 (13071606)      1.24959
(12100124)      1.08180 (12100124)      0.95545 (12100124)
 3774564.7 |      1.99892 (13071606)      1.47440 (12100124)      1.22855
(12100124)      1.06463 (12100124)      0.94152 (12100124)
 3774514.7 |      1.95317 (13041207)      1.44815 (12100124)      1.20593
(12100124)      1.04554 (12100124)      0.92525 (12100124)
 3774464.7 |      1.94927 (13062206)      1.40529 (12100124)      1.18009
(12100124)      1.02656 (12100124)      0.90962 (12100124)
 3774414.7 |      1.80645 (13041207)      1.34512 (12100124)      1.14656
(12100124)      1.00376 (12100124)      0.89366 (12100124)
 3774364.7 |      1.76830 (13041207)      1.29190 (12100124)      1.11022
(12100124)      0.98001 (12100124)      0.87759 (12100124)
 3774314.7 |      1.69623 (13041207)      1.23259 (12092403)      1.07320
(12100124)      0.95439 (12100124)      0.85858 (12100124)
 3774264.7 |      1.48926 (13041207)      1.19017 (13041207)      1.02657
(12100124)      0.92770 (12100124)      0.84113 (12100124)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 130
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART16  ;  NETWORK TYPE:
GRIDCART ***

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

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

```
  (METERS) |       472255.22               472305.22               472355.22
       472405.22               472455.22
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3776236.9 |      1.66068 (12080824)      1.46087 (15082606)      1.29562
(12081702)      1.16403 (12081702)      1.07290 (12091320)
 3776186.9 |      1.67537 (12080824)      1.48206 (15082606)      1.29701
(12081702)      1.17619 (12092120)      1.06462 (12091320)
 3776136.9 |      1.67820 (12080824)      1.49038 (12081622)      1.28822
(12081702)      1.15854 (13090423)      1.04972 (12091320)
 3776086.9 |      1.68991 (12080824)      1.47761 (12081702)      1.27984
(12081702)      1.14969 (12091320)      1.02631 (12091320)
 3776036.9 |      1.69182 (12080824)      1.46268 (12081702)      1.27031
(12081702)      1.11920 (13090423)      0.99913 (12091320)
 3775986.9 |      1.69238 (15082606)      1.47073 (12081702)      1.27389
(12081702)      1.11858 (12091320)      0.95429 (13090423)
 3775936.9 |      1.71603 (15082606)      1.45749 (12081702)      1.26455
(13090423)      1.10917 (12091320)      0.93909 (11120208)
 3775886.9 |      1.69399 (12081622)      1.44804 (12081702)      1.23710
(13090423)      1.06256 (13090423)      0.93586 (11120208)
```



```
                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

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

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471773.42               471823.42               471873.42
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       471923.42                471973.42
 - - -
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 3775002.4 |      1.02493 (16121108)      1.23500 (16121108)      1.54768
(16121108)      2.07929 (16121108)      3.25255 (16121108)
 3774952.4 |      1.02219 (16121108)      1.23760 (16121108)      1.56514
(16121108)      2.13219 (16121108)      3.39970 (16121108)
 3774902.4 |      1.01754 (16121108)      1.24121 (16121108)      1.58804
(16121108)      2.21396 (16121108)      3.81221 (16121108)
 3774852.4 |      1.01030 (16121108)      1.24151 (16121108)      1.60587
(16121108)      2.27701 (16121108)      4.07829 (16121108)
 3774802.4 |      0.99782 (16121108)      1.23413 (16121108)      1.61459
(16121108)      2.32467 (16121108)      3.99615 (16121108)
 3774752.4 |      0.97757 (16121108)      1.21516 (16121108)      1.60606
(16121108)      2.39240 (16121108)      5.12948 (16121108)
 3774702.4 |      0.94858 (16121108)      1.18044 (16121108)      1.55988
(16121108)      2.30643 (16121108)      4.61136 (16121108)
 3774652.4 |      0.93179 (12121108)      1.13299 (12121108)      1.48459
(16121108)      2.12181 (16121108)      3.54611 (16121108)
 3774602.4 |      0.92235 (12121108)      1.12097 (12121108)      1.42575
(12121108)      2.01299 (16121108)      3.38961 (16121108)
 3774552.4 |      0.90515 (12121108)      1.09144 (12121108)      1.36768
(12121108)      1.96428 (16121108)      3.94030 (16121108)
 3774502.4 |      0.87932 (12121108)      1.04895 (12121108)      1.30714
(11112924)      1.80401 (16121108)      3.95195 (16121108)
 3774452.4 |      0.84985 (12121108)      1.00541 (12121108)      1.25096
(11112924)      1.70026 (11112924)      2.72445 (16012724)
 3774402.4 |      0.81837 (12121108)      0.96254 (11112924)      1.18683
(11112924)      1.54458 (11112924)      2.12065 (11112924)
 3774352.4 |      0.78358 (12121108)      0.91962 (11112924)      1.10680
(11112924)      1.35374 (11112924)      1.60662 (11112924)
 3774302.4 |      0.75257 (11112924)      0.86887 (11112924)      1.00980
(11112924)      1.15344 (11112924)      1.21954 (11112924)
 3774252.4 |      0.71899 (11112924)      0.81118 (11112924)      0.91186
(11112924)      0.98742 (11112924)      0.98227 (13121608)
 3774202.4 |      0.68028 (11112924)      0.75113 (11112924)      0.81813
(11112924)      0.84758 (11112924)      0.82401 (13121608)
 3774152.4 |      0.64094 (11112924)      0.69079 (11112924)      0.72564
(11112924)      0.73352 (13121608)      0.70572 (12011408)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 132
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
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                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

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

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       472023.42
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3776102.4 |      7.22871 (16121108)
 3776052.4 |      7.55390 (16121108)
 3776002.4 |      7.36362 (16121108)
 3775952.4 |      6.59413 (16121108)
 3775902.4 |      6.53337 (16121108)
 3775852.4 |      6.49624 (16121108)
 3775802.4 |      6.41093 (16121108)
 3775752.4 |      6.33814 (16121108)
 3775702.4 |      6.32531 (16121108)
 3775652.4 |      6.79620 (16121108)
 3775602.4 |      6.07726 (16121108)
 3775552.4 |      7.31631 (16121108)
 3775502.4 |      7.34433 (16121108)
 3775452.4 |      7.30557 (16121108)
 3775402.4 |      7.03666 (16121108)
 3775352.4 |      7.42617 (16121108)
 3775302.4 |      7.39095 (16121108)
 3775252.4 |      9.33529 (16121108)
 3775202.4 |      7.29613 (16121108)
 3775152.4 |      7.84637 (16121108)
 3775102.4 |      8.65839 (16121108)
 3775052.4 |      9.43871 (16121108)
 3775002.4 |      8.04906 (16121108)
 3774952.4 |      8.28962 (16121108)
 3774902.4 |      7.89066 (16121108)
 3774852.4 |      7.74356 (16121108)
 3774802.4 |      7.60641 (16121108)
 3774752.4 |      9.67027 (16121108)
 3774702.4 |      8.58496 (16121108)
 3774652.4 |      8.58869 (16121108)
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```
 3774602.4 |      8.29439 (16121108)
 3774552.4 |      8.13229 (16121108)
 3774502.4 |      8.60103 (16121108)
 3774452.4 |      5.36444 (16121108)
 3774402.4 |      2.90847 (16012724)
 3774352.4 |      1.63377 (12011408)
 3774302.4 |      1.19322 (12011408)
 3774252.4 |      0.95626 (12011408)
 3774202.4 |      0.80485 (12011408)
 3774152.4 |      0.69855 (12011408)
```



```
                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                 *** NETWORK ID: UCART2   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       471764.54              471814.54              471864.54
       471914.54              471964.54
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3776302.8 |      1.34307m(12121224)      1.49088 (16122308)
1.79109m(11072608)      2.29773m(11072608)      3.36112 (16121108)
 3776252.8 |      1.31602m(12121224)      1.43325 (16122308)
1.71495m(11072608)      2.18679m(11072608)      3.11844 (16121108)
 3776202.8 |      1.25829m(12121224)      1.40285m(12121224)
1.66908m(11072608)      2.14121m(11072608)      3.06316 (16121108)
 3776152.8 |      1.23224m(12121224)      1.38269m(12121224)
```

1.64009m(11072608)   2.12220m(11072608)   3.13497 (16121108)
 3776102.8 | 1.22524m(12121224)   1.37875m(12121224)
1.61816m(11072608)   2.11210m(11072608)   3.18897 (16121108)

*** THE   1ST HIGHEST 8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S):   C3037090   , C3037091
 , C3037092   , C3037093   , C3037094   ,
C3037095   , C3037096   , C3037097   , C3037098   , C3037099
 , C3037100   , C3037101   , C3037102   ,
C3037103   , C3037104   , C3037105   , C3037106   , C3037107
 , C3037108   , C3037109   , C3037110   ,
C3037111   , C3037112   , C3037113   , C3037114   , C3037115
 , C3037116   , C3037117   , . . .   ,

*** NETWORK ID: UCART2   ; NETWORK TYPE:
GRIDCART ***

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

  Y-COORD | X-COORD (METERS)
  (METERS) | 472014.54
 - - -

```
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                 C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                 C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                 C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART3   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471756.60              471806.60              471856.60
       471906.60              471956.60
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776504.7 |      1.67611 (16122308)      2.04347 (16122308)
2.67842m(11072608)      4.07410 (16121108)      7.32752 (16121108)
 3776454.7 |      1.52447 (16122308)      1.80578 (16122308)
2.25262m(11072608)      3.12547m(11072608)      6.04263 (16121108)
 3776404.7 |      1.41948 (16122308)      1.64561 (16122308)
2.00510m(11072608)      2.67804m(11072608)      4.49303 (16121108)
 3776354.7 |      1.34572m(12121224)      1.53506 (16122308)
1.84309m(11072608)      2.38489m(11072608)      3.62948 (16121108)
 3776304.7 |      1.32089m(12121224)      1.46085m(12121224)
1.73412m(11072608)      2.20201m(11072608)      3.11346 (16121108)
```



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                                *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                 C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                 C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                 C3037111    , C3037112    , C3037113    , C3037114    , C3037115
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, C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 472006.60
- - - -

```
 3776653.9 |      1.98659 (16123108)      2.30442 (16121108)      3.03051
(16121108)      4.94355 (16121108)      7.17225 (16121108)
 3776603.9 |      1.75615 (16123108)      1.93386 (16123108)      2.33390
(16121108)      3.21225 (16121108)      5.94665 (16121108)
 3776553.9 |      1.58680 (16123108)      1.70479 (16123108)      1.95830
(16122308)      2.52562 (16122308)      3.94282 (16121108)
 3776503.9 |      1.48470 (16123108)      1.58250 (16123108)      1.72517
(16122308)      2.11147 (16122308)      2.81426m(11072608)
```



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                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART4   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       471914.52
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776653.9 |      4.33366 (16121108)
 3776603.9 |      8.13875 (16121108)
 3776553.9 |      8.13074 (16121108)
 3776503.9 |      4.46376 (16121108)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3037090 , C3037091 , C3037092 , C3037093 , C3037094 ,
C3037095 , C3037096 , C3037097 , C3037098 , C3037099 , C3037100 , C3037101 , C3037102 ,
C3037103 , C3037104 , C3037105 , C3037106 , C3037107 , C3037108 , C3037109 , C3037110 ,
C3037111 , C3037112 , C3037113 , C3037114 , C3037115 , C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 471554.26	471604.26	471654.26
3776759.2	2.08694 (16123108)	2.45850 (16121108)	3.29264 (16121108)
3776709.2	1.78669 (16123108)	1.98808 (16123108)	2.33156 (16121108)
3776659.2	1.59139 (16123108)	1.73621 (16123108)	1.96047 (16123108)
3776609.2	1.44708 (16123108)	1.58273 (16123108)	1.75243 (16123108)
3776559.2	1.35795 (16123108)	1.46456 (16123108)	1.58197 (16123108)

*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3037090 , C3037091 , C3037092 , C3037093 , C3037094 ,
C3037095 , C3037096 , C3037097 , C3037098 , C3037099

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 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART6   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471343.73               471393.73               471443.73
       471493.73               471543.73
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776922.8 |      2.06136 (16123108)      2.42977 (16123108)      3.19208
(16121108)      5.20446 (16121108)      7.14406 (16121108)
 3776872.8 |      1.75448 (16123108)      1.97737 (16123108)      2.29603
(16123108)      3.01739 (16123108)      4.52001 (16121108)
 3776822.8 |      1.55948 (16123108)      1.70471 (16123108)      1.90224
(16123108)      2.31242 (16123108)      2.84947 (16123108)
 3776772.8 |      1.41954 (16123108)      1.53074 (16123108)      1.66928
(16123108)      1.86376 (16123108)      2.17064 (16123108)
 3776722.8 |      1.31617 (16123108)      1.40736 (16123108)      1.51242
(16123108)      1.64072 (16123108)      1.82189 (16123108)
 3776672.8 |      1.24373 (16123108)      1.31023 (16123108)      1.39436
(16123108)      1.50210 (16123108)      1.60458 (16123108)
 3776622.8 |      1.16571 (16123108)      1.23069 (16123108)      1.30634
(16123108)      1.38043 (16123108)      1.45385 (16123108)
 3776572.8 |      1.10538 (16123108)      1.15901 (16123108)      1.22808
(16123108)      1.28202 (16123108)      1.35949 (16123108)
```



```
                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
```

```
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART7   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471137.27              471187.27              471237.27
       471287.27              471337.27
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3777005.9 |      1.62979 (16123108)      1.80633 (16123108)      2.04255
(16123108)      2.41012 (16123108)      3.12065 (16121108)
 3776955.9 |      1.48176 (16123108)      1.61864 (16123108)      1.77705
(16123108)      1.99815 (16123108)      2.29652 (16123108)
 3776905.9 |      1.36078 (16123108)      1.46091 (16123108)      1.56421
(16123108)      1.71461 (16123108)      1.91273 (16123108)
 3776855.9 |      1.26018 (16123108)      1.33898 (16123108)      1.42209
(16123108)      1.52726 (16123108)      1.66099 (16123108)
 3776805.9 |      1.17456 (16123108)      1.24348 (16123108)      1.30774
(16123108)      1.39386 (16123108)      1.49350 (16123108)
 3776755.9 |      1.10473 (16123108)      1.15900 (16123108)      1.22185
(16123108)      1.29346 (16123108)      1.37260 (16123108)
```



```
                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,
```

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                                    *** NETWORK ID: UCART8   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471025.84              471075.84              471125.84
       471175.84              471225.84
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777113.8 |      1.70943 (16123108)      1.91282 (16123108)      2.18253
(16123108)      2.66353 (16123108)      3.76485 (16121108)
 3777063.8 |      1.52988 (16123108)      1.67190 (16123108)      1.85322
(16123108)      2.11784 (16123108)      2.51567 (16123108)
 3777013.8 |      1.39632 (16123108)      1.50496 (16123108)      1.63344
(16123108)      1.80442 (16123108)      2.03882 (16123108)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***       08:39:22

                                    PAGE 143
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                  INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                    *** NETWORK ID: UCART8   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471275.84
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
```

```
 3777113.8 |      7.29722 (16121108)
 3777063.8 |      3.38700 (16121108)
 3777013.8 |      2.39202 (16123108)
```


```
                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART9   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471071.36              471121.36              471171.36
       471221.36
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777220.7 |      3.26820 (16121108)      5.38314 (16121108)      7.25863
(16121108)      4.85209 (16121108)
 3777170.7 |      2.36286 (16123108)      2.96610 (16121108)      4.48150
(16121108)      6.74694 (16121108)
 3777120.7 |      1.93595 (16123108)      2.21650 (16123108)      2.71557
(16123108)      3.90949 (16121108)
```

```
                                *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                   INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                    *** NETWORK ID: UCART10  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       470606.55               470656.55               470706.55
       470756.55               470806.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777252.6 |      1.04293 (16123108)      1.12349 (16123108)      1.21460
(16123108)      1.34516 (16123108)      1.50762 (16123108)
 3777202.6 |      0.99042 (16123108)      1.05601 (16123108)      1.13783
(16123108)      1.23434 (16123108)      1.34148 (16123108)
 3777152.6 |      0.93373 (16123108)      0.99120 (16123108)      1.06158
(16123108)      1.14093 (16123108)      1.23676 (16123108)
 3777102.6 |      0.89281 (16123108)      0.94321 (16123108)      1.00987
(16123108)      1.07929 (16123108)      1.15263 (16123108)
 3777052.6 |      0.84848 (16123108)      0.89763 (16123108)      0.95873
(16123108)      1.02061 (16123108)      1.08550 (16123108)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        08:39:22

                                   PAGE 146
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                   INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
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, C3037108 , C3037109 , C3037110 ,
C3037111 , C3037112 , C3037113 , C3037114 , C3037115
, C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 470856.55 470906.55 470956.55
471006.55 471056.55
- -
- -

3777252.6 | 1.74576 (16123108) 2.06151 (16123108) 2.59652
(16123108) 3.05523 (16123108) 4.10790 (16121108)
3777202.6 | 1.49321 (16123108) 1.65488 (16123108) 1.86762
(16123108) 2.16888 (16123108) 2.62809 (16123108)
3777152.6 | 1.35143 (16123108) 1.47168 (16123108) 1.62080
(16123108) 1.81922 (16123108) 2.08767 (16123108)
3777102.6 | 1.24453 (16123108) 1.34778 (16123108) 1.46875
(16123108) 1.59873 (16123108) 1.77952 (16123108)
3777052.6 | 1.16224 (16123108) 1.24850 (16123108) 1.34426
(16123108) 1.44498 (16123108) 1.58222 (16123108)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3037090 , C3037091
, C3037092 , C3037093 , C3037094 ,
C3037095 , C3037096 , C3037097 , C3037098 , C3037099
, C3037100 , C3037101 , C3037102 ,
C3037103 , C3037104 , C3037105 , C3037106 , C3037107
, C3037108 , C3037109 , C3037110 ,
C3037111 , C3037112 , C3037113 , C3037114 , C3037115
, C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART11 ; NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       470269.99              470319.99              470369.99
       470419.99
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777554.4 |      0.76016 (16123108)      0.80314 (16123108)      0.87215
(16123108)      0.95084 (16123108)
 3777504.4 |      0.75041 (16123108)      0.79852 (16123108)      0.85492
(16123108)      0.92917 (16123108)
 3777454.4 |      0.73866 (16123108)      0.78897 (16123108)      0.83807
(16123108)      0.90249 (16123108)
 3777404.4 |      0.72653 (16123108)      0.76809 (16123108)      0.81742
(16123108)      0.87417 (16123108)
 3777354.4 |      0.70767 (16123108)      0.74995 (16123108)      0.79574
(16123108)      0.84711 (16123108)
 3777304.4 |      0.69093 (16123108)      0.73096 (16123108)      0.77399
(16123108)      0.82385 (16123108)
```



```
                            *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                               INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                 *** NETWORK ID: UCART12  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       468710.70              468760.70              468810.70
```

```
      468860.70               468910.70
 - - -
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- -

```
 3779663.0 |      1.12850 (13012224)      1.81466 (16121108)      3.84130
(16121108)
 3779613.0 |      0.90883 (13012224)      1.22268 (13012224)      1.98248
(16121108)
 3779563.0 |      0.73098 (13012224)      0.90571 (13012224)      1.17745
(13031908)
 3779513.0 |      0.58346 (13012224)      0.69237 (11112924)      0.86192
(11112924)
 3779463.0 |      0.47645 (12121108)      0.56226 (11112924)      0.63605
(11112924)
 3779413.0 |      0.40471 (15122208)      0.45310 (11112924)      0.47524
(11112924)
 3779363.0 |      0.37617 (15122208)      0.37371 (15122208)      0.38045
(12032408)
 3779313.0 |      0.36199 (15122208)      0.35563 (15122208)      0.34538
(15122208)
```



```
                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                 *** NETWORK ID: UCART13  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       471075.86              471125.86              471175.86
       471225.86              471275.86
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
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 3777911.5 |      0.71457 (12120308)      0.68551 (12120308)      0.65847
(12120308)      0.64841 (16010608)      0.65368 (16010608)
 3777861.5 |      0.77230 (12120308)      0.74056 (12120308)      0.70899
(12120308)      0.68014 (16010608)      0.68377 (16010608)
 3777811.5 |      0.84580 (16102724)      0.80145 (12120308)      0.76522
(12120308)      0.72931 (12120308)      0.71660 (16010608)
 3777761.5 |      0.94406 (16102724)      0.86883 (12120308)      0.82853
(12120308)      0.78744 (12120308)      0.74849 (12120308)
 3777711.5 |      1.05059 (16102724)      0.96510 (16102724)      0.89910
(12120308)      0.85411 (12120308)      0.81036 (12120308)
 3777661.5 |      1.16774 (16102724)      1.07535 (16102724)      0.98165
(16102724)      0.92554 (12120308)      0.87721 (12120308)
 3777611.5 |      1.29752 (16102724)      1.19695 (16102724)      1.09581
(16102724)      1.00227 (12120308)      0.95155 (12120308)
 3777561.5 |      1.43859 (16102724)      1.32958 (16102724)      1.22139
(16102724)      1.11432 (16102724)      1.03048 (12120308)
 3777511.5 |      1.59801 (16102724)      1.47183 (16102724)      1.35587
(16102724)      1.24348 (16102724)      1.12848 (16102724)
 3777461.5 |      1.87103 (16123108)      1.64119 (16102724)      1.50636
(16102724)      1.38484 (16102724)      1.26380 (16102724)
 3777411.5 |      2.39082 (16123108)      1.94231 (16123108)      1.68592
(16102724)      1.53588 (16102724)      1.40401 (16102724)
 3777361.5 |      3.35759 (16121108)      2.49554 (16123108)      2.00784
(16123108)      1.77325 (16102724)      1.58126 (16102724)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                   PAGE 151
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART13  ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF CO       IN MICROGRAMS/M**3
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```
  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471325.86              471375.86              471425.86
       471475.86              471525.86
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777911.5 |      0.66004 (16010608)      0.66134 (16010608)      0.65790
(16010608)      0.64295 (16010608)      0.62148 (16010608)
 3777861.5 |      0.68561 (16010608)      0.68549 (16010608)      0.68309
(16010608)      0.66903 (16010608)      0.65223 (16010608)
 3777811.5 |      0.71551 (16010608)      0.71286 (16010608)      0.70680
(16010608)      0.69690 (16010608)      0.68180 (16010608)
 3777761.5 |      0.74712 (16010608)      0.74188 (16010608)      0.73557
(16010608)      0.72699 (16010608)      0.71059 (16010608)
 3777711.5 |      0.77943 (16010608)      0.77053 (16010608)      0.76753
(16010608)      0.75559 (16010608)      0.73922 (16010608)
 3777661.5 |      0.82909 (12120308)      0.80391 (16010608)      0.79441
(16010608)      0.78574 (16010608)      0.77207 (16010608)
 3777611.5 |      0.89884 (12120308)      0.84774 (12120308)      0.82493
(16010608)      0.81669 (16010608)      0.80295 (16010608)
 3777561.5 |      0.97531 (12120308)      0.91898 (12120308)      0.86299
(12120308)      0.84615 (16010608)      0.83269 (16010608)
 3777511.5 |      1.05379 (12120308)      0.99106 (12120308)      0.93512
(12120308)      0.89063 (16010608)      0.87181 (16010608)
 3777461.5 |      1.14152 (16102724)      1.06568 (12120308)      1.00759
(12120308)      0.95145 (12120308)      0.91186 (16010608)
 3777411.5 |      1.27725 (16102724)      1.14722 (16102724)      1.07175
(12120308)      1.01901 (12120308)      0.95438 (12120308)
 3777361.5 |      1.41969 (16102724)      1.28637 (16102724)      1.14414
(16102724)      1.08410 (12120308)      1.02873 (12120308)
```



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                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
               C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
               C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
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                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART14  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       472114.69               472164.69               472214.69
       472264.69               472314.69
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3777124.5 |      0.99896 (13120708)      0.88889 (13120708)      0.86226
(13120708)      0.81504 (13120708)      0.76356 (13120708)
 3777074.5 |      1.03545 (13120708)      0.93524 (13120708)      0.88981
(13120708)      0.83535 (13120708)      0.78022 (13120708)
 3777024.5 |      1.07814 (13120708)      0.97638 (13120708)      0.92331
(13120708)      0.85845 (13120708)      0.79628 (13120708)
 3776974.5 |      1.08917 (13120708)      0.99454 (13120708)      0.94596
(13120708)      0.87363 (13120708)      0.80900 (13120708)
 3776924.5 |      1.10258 (13120708)      1.00248 (13120708)      0.96109
(13120708)      0.89641 (13120708)      0.82890 (13120708)
 3776874.5 |      1.10712 (13120708)      0.93353 (13120708)      0.90582
(13120708)      0.85607 (13120708)      0.81136 (13120708)
 3776824.5 |      1.10613 (13120708)      0.97391 (13120708)      0.92569
(13120708)      0.86923 (13120708)      0.82433 (12021508)
 3776774.5 |      1.13311 (13120708)      1.02936 (13120708)      0.96031
(13120708)      0.90003 (13120708)      0.84660 (12021508)
 3776724.5 |      1.22624 (13120708)      1.09932 (13120708)      1.00220
(13120708)      0.92428 (13120708)      0.87274 (12021508)
 3776674.5 |      1.32996 (13120708)      1.16920 (13120708)      1.04186
(13120708)      0.94519 (13120708)      0.87787 (12021508)
 3776624.5 |      1.45220 (13120708)      1.22975 (13120708)      1.09884
(13120708)      0.98608 (13120708)      0.90391 (12021508)
 3776574.5 |      1.54717 (13120708)      1.30493 (13120708)      1.15179
(13120708)      1.02246 (13120708)      0.91906 (12021508)
 3776524.5 |      1.68266 (15122308)      1.38813 (13120708)      1.19565
(13120708)      1.05134 (13120708)      0.93156 (13120708)
 3776474.5 |      1.86051 (15122308)      1.48585 (13120708)      1.25924
(13120708)      1.08241 (13120708)      0.94734 (13120708)
 3776424.5 |      2.03931 (15122308)      1.64054 (13120708)      1.31894
(13120708)      1.11125 (13120708)      0.96752 (13120708)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                           ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3037090 , C3037091 , C3037092 , C3037093 , C3037094 ,
C3037095 , C3037096 , C3037097 , C3037098 , C3037099 , C3037100 , C3037101 , C3037102 ,
C3037103 , C3037104 , C3037105 , C3037106 , C3037107 , C3037108 , C3037109 , C3037110 ,
C3037111 , C3037112 , C3037113 , C3037114 , C3037115 , C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART14 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 472364.69	472414.69	472464.69	472514.69	472564.69
3777124.5	0.70165 (13120708)	0.63604 (13120708)	0.57097 (12021508)	0.57877 (12112924)	0.59074 (12112924)
3777074.5	0.71434 (13120708)	0.64557 (13120708)	0.59729 (12112924)	0.60524 (12112924)	0.60471 (12112924)
3777024.5	0.72744 (13120708)	0.65604 (13120708)	0.63247 (12112924)	0.63442 (12112924)	0.62872 (12112924)
3776974.5	0.74191 (13120708)	0.66583 (13120708)	0.61796 (12112924)	0.56817 (12112924)	0.56780 (12112924)
3776924.5	0.75334 (13120708)	0.67636 (13120708)	0.61137 (12112924)	0.54112 (12021508)	0.53912 (12112924)
3776874.5	0.74948 (12021508)	0.68363 (12021508)	0.61596 (12021508)	0.55209 (12021508)	0.51483 (11100508)
3776824.5	0.76596 (12021508)	0.70080 (12021508)	0.62798 (12021508)	0.55914 (12021508)	0.50908 (11100508)
3776774.5	0.78321 (12021508)	0.71137 (12021508)	0.63691 (12021508)	0.56547 (12021508)	0.52576 (11100508)
3776724.5	0.80072 (12021508)	0.72205 (12021508)	0.64419 (12021508)	0.57266 (12021508)	0.54225 (11100508)
3776674.5	0.80145 (12021508)	0.72431 (12021508)	0.64818 (12021508)	0.57845 (12021508)	0.54857 (11100508)

```
 3776624.5 |      0.81512 (12021508)      0.73316 (12021508)      0.65391
(12021508)      0.58318 (12021508)      0.53865 (11100508)
 3776574.5 |      0.82592 (12021508)      0.73974 (12021508)      0.65775
(12021508)      0.58657 (12021508)      0.55578 (11100508)
 3776524.5 |      0.83129 (12021508)      0.74082 (12021508)      0.65794
(12021508)      0.58509 (12021508)      0.53251 (11100508)
 3776474.5 |      0.83565 (12021508)      0.74357 (12021508)      0.65913
(12021508)      0.58674 (12021508)      0.53059 (15122308)
 3776424.5 |      0.84350 (13120708)      0.74699 (12021508)      0.65966
(12021508)      0.59448 (15122308)      0.53806 (15122308)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***       08:39:22

                                 PAGE 154
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                 *** NETWORK ID: UCART15  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       472138.17              472188.17              472238.17
       472288.17              472338.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3775714.7 |      2.34886 (15122308)      1.77537 (15122308)      1.39768
(15122308)      1.15495 (15122308)      0.98047 (15122308)
 3775664.7 |      2.40039 (15122308)      1.86554 (13120708)      1.39651
(15122308)      1.14853 (15122308)      0.97409 (15122308)
 3775614.7 |      2.32235 (15122308)      1.78479 (15122308)      1.36886
(15122308)      1.13906 (15122308)      0.96701 (15122308)
 3775564.7 |      2.19505 (15122308)      1.67662 (15122308)      1.34023
```

```
(15122308)      1.12511 (15122308)      0.95619 (15122308)
 3775514.7 |      2.14037 (15122308)      1.64267 (15122308)      1.31660
(15122308)      1.10710 (15122308)      0.94578 (15122308)
 3775464.7 |      2.10298 (15122308)      1.61635 (15122308)      1.29129
(15122308)      1.09060 (15122308)      0.92929 (15122308)
 3775414.7 |      2.09543 (16121108)      1.58656 (15122308)      1.28109
(15122308)      1.07510 (15122308)      0.91891 (15122308)
 3775364.7 |      2.11693 (16121108)      1.58746 (16121108)      1.27410
(16121108)      1.06482 (15122308)      0.91278 (16121108)
 3775314.7 |      2.14703 (16121108)      1.59722 (16121108)      1.27612
(16121108)      1.06283 (16121108)      0.90990 (16121108)
 3775264.7 |      2.19902 (16121108)      1.60819 (16121108)      1.27611
(16121108)      1.05977 (16121108)      0.90566 (16121108)
 3775214.7 |      2.22802 (16121108)      1.61152 (16121108)      1.27319
(16121108)      1.05472 (16121108)      0.89999 (16121108)
 3775164.7 |      2.20722 (16121108)      1.60179 (16121108)      1.26475
(16121108)      1.04691 (16121108)      0.89241 (16121108)
 3775114.7 |      2.16534 (16121108)      1.58264 (16121108)      1.25218
(16121108)      1.03685 (16121108)      0.88338 (16121108)
 3775064.7 |      2.12721 (16121108)      1.56242 (16121108)      1.23745
(16121108)      1.02468 (16121108)      0.87285 (16121108)
 3775014.7 |      2.10054 (16121108)      1.54340 (16121108)      1.22216
(16121108)      1.01172 (16121108)      0.86109 (16121108)
 3774964.7 |      2.06762 (16121108)      1.52154 (16121108)      1.20574
(16121108)      0.99735 (16121108)      0.84797 (16121108)
 3774914.7 |      2.03798 (16121108)      1.50209 (16121108)      1.18844
(16121108)      0.98129 (16121108)      0.83350 (16121108)
 3774864.7 |      2.01200 (16121108)      1.48110 (16121108)      1.16891
(16121108)      0.96326 (16121108)      0.81686 (16121108)
 3774814.7 |      1.99268 (16121108)      1.45697 (16121108)      1.14607
(16121108)      0.94217 (16121108)      0.79790 (16121108)
 3774764.7 |      1.95579 (16121108)      1.42652 (16121108)      1.11889
(16121108)      0.91787 (16121108)      0.77651 (16121108)
 3774714.7 |      1.90478 (16121108)      1.38685 (16121108)      1.08505
(16121108)      0.88885 (16121108)      0.75118 (16121108)
 3774664.7 |      1.85805 (16121108)      1.33872 (16121108)      1.04356
(16121108)      0.85402 (16121108)      0.72198 (16121108)
 3774614.7 |      1.78162 (16121108)      1.27452 (16121108)      0.99241
(16121108)      0.81286 (16121108)      0.68832 (16121108)
 3774564.7 |      1.65433 (16121108)      1.19025 (16121108)      0.93034
(16121108)      0.76525 (16121108)      0.65068 (16121108)
 3774514.7 |      1.49368 (16121108)      1.08682 (16121108)      0.85739
(16121108)      0.71118 (16121108)      0.60897 (16121108)
 3774464.7 |      1.30431 (16121108)      0.96689 (16121108)      0.77610
(11013108)      0.65395 (11013108)      0.56458 (16121108)
 3774414.7 |      1.09086 (11013108)      0.86067 (11013108)      0.71166
(11013108)      0.60816 (11013108)      0.53060 (11013108)
 3774364.7 |      0.96541 (11012724)      0.76890 (11012724)      0.64725
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(11013108) 0.56312 (11013108) 0.49729 (11013108)
3774314.7 | 0.86668 (11012724) 0.70182 (11012724) 0.59772
(12030408) 0.52572 (12030408) 0.46774 (12030408)
3774264.7 | 0.77530 (11012724) 0.64991 (11012724) 0.55668
(12030408) 0.49587 (12030408) 0.44505 (12030408)
*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3037090 , C3037091 , C3037092 , C3037093 , C3037094 ,
C3037095 , C3037096 , C3037097 , C3037098 , C3037099 , C3037100 , C3037101 , C3037102 ,
C3037103 , C3037104 , C3037105 , C3037106 , C3037107 , C3037108 , C3037109 , C3037110 ,
C3037111 , C3037112 , C3037113 , C3037114 , C3037115 , C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART16 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 472255.22 472305.22 472355.22 472405.22 472455.22
- - - -

```
 3775936.9 |      1.31713 (15122308)      1.10363 (15122308)      0.94748
(15122308)      0.82277 (15122308)      0.71904 (15122308)
 3775886.9 |      1.31983 (15122308)      1.10586 (15122308)      0.94507
(15122308)      0.81705 (15122308)      0.71893 (15122308)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 156
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

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

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471773.42              471823.42              471873.42
       471923.42              471973.42
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776102.4 |      1.24858m(12121224)      1.40893m(12121224)
1.68780m(11072608)      2.23686m(11072608)      3.57373 (16121108)
 3776052.4 |      1.24393m(12121224)      1.38932m(12121224)
1.66285m(11072608)      2.20368m(11072608)      3.51122 (16121108)
 3776002.4 |      1.21778m(12121224)      1.37370m(12121224)
1.63178m(11072608)      2.13963m(11072608)      3.18199 (15122308)
 3775952.4 |      1.18754m(12121224)      1.34313m(12121224)
1.60147m(11072608)      2.07043m(11072608)      2.98043 (15122308)
 3775902.4 |      1.18044m(12121224)      1.33447m(12121224)
1.57721m(11072608)      2.03679m(11072608)      2.92438 (15122308)
 3775852.4 |      1.16825m(12121224)      1.32882m(12121224)
1.56055m(11072608)      2.01126m(11072608)      2.89804 (15122308)
 3775802.4 |      1.17089m(12121224)      1.32441m(12121224)      1.55850
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(16122308)      2.00477m(11072608)      2.88758 (15122308)
 3775752.4 |      1.16685m(12121224)      1.33282m(12121224)      1.56643
(16122308)      2.01203m(11072608)      2.89232 (15122308)
 3775702.4 |      1.17803m(12121224)      1.34757m(12121224)      1.58660
(16122308)      2.04293m(11072608)      2.94756 (15122308)
 3775652.4 |      1.18518m(12121224)      1.38547m(12121224)
1.70411m(12121224)      2.37542m(12121224)      3.25240m(11072608)
 3775602.4 |      1.18792m(12121224)      1.37826m(12121224)      1.66274
(16122308)      2.21699m(11072608)      3.60718 (16121108)
 3775552.4 |      1.18443m(12121224)      1.38355m(12121224)      1.69687
(16122308)      2.30243 (16121108)      3.86478 (16121108)
 3775502.4 |      1.17204m(12121224)      1.38248 (16122308)      1.73905
(16122308)      2.41055 (16121108)      4.09692 (16121108)
 3775452.4 |      1.14739 (12120308)      1.38551 (16122308)      1.76040
(16122308)      2.55118 (16121108)      5.10011 (16121108)
 3775402.4 |      1.13560 (16122308)      1.37895 (16122308)      1.75704
(16122308)      2.54199 (16121108)      5.20733 (16121108)
 3775352.4 |      1.12005 (16122308)      1.35655 (16122308)      1.71011
(16122308)      2.37709 (16121108)      3.93745 (16121108)
 3775302.4 |      1.10080 (12120308)      1.32641 (16122308)      1.65242
(16121108)      2.25600 (16121108)      3.70672 (16121108)
 3775252.4 |      1.07848 (16122308)      1.29111 (16122308)      1.60633
(16121108)      2.15776 (16121108)      3.40492 (16121108)
 3775202.4 |      1.05843 (16122308)      1.26377 (16121108)      1.57098
(16121108)      2.07938 (16121108)      3.13184 (16121108)
 3775152.4 |      1.04479 (16121108)      1.24858 (16121108)      1.54741
(16121108)      2.04377 (16121108)      3.09610 (16121108)
 3775102.4 |      1.03621 (16121108)      1.23838 (16121108)      1.53776
(16121108)      2.03987 (16121108)      3.14244 (16121108)
 3775052.4 |      1.02976 (16121108)      1.23542 (16121108)      1.53944
(16121108)      2.05136 (16121108)      3.19660 (16121108)
 3775002.4 |      1.02493 (16121108)      1.23500 (16121108)      1.54768
(16121108)      2.07929 (16121108)      3.25255 (16121108)
 3774952.4 |      1.02219 (16121108)      1.23760 (16121108)      1.56514
(16121108)      2.13219 (16121108)      3.39970 (16121108)
 3774902.4 |      1.01754 (16121108)      1.24121 (16121108)      1.58804
(16121108)      2.21396 (16121108)      3.81221 (16121108)
 3774852.4 |      1.01030 (16121108)      1.24151 (16121108)      1.60587
(16121108)      2.27701 (16121108)      4.07829 (16121108)
 3774802.4 |      0.99782 (16121108)      1.23413 (16121108)      1.61459
(16121108)      2.32467 (16121108)      3.99615 (16121108)
 3774752.4 |      0.97757 (16121108)      1.21516 (16121108)      1.60606
(16121108)      2.39240 (16121108)      5.12948 (16121108)
 3774702.4 |      0.94858 (16121108)      1.18044 (16121108)      1.55988
(16121108)      2.30643 (16121108)      4.61136 (16121108)
 3774652.4 |      0.93179 (12121108)      1.13299 (12121108)      1.48459
(16121108)      2.12181 (16121108)      3.54611 (16121108)
 3774602.4 |      0.92235 (12121108)      1.12097 (12121108)      1.42575
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(12121108)      2.01299 (16121108)      3.38961 (16121108)
 3774552.4 |      0.90515 (12121108)      1.09144 (12121108)      1.36768
(12121108)      1.96428 (16121108)      3.94030 (16121108)
 3774502.4 |      0.87932 (12121108)      1.04895 (12121108)      1.30714
(11112924)      1.80401 (16121108)      3.95195 (16121108)
 3774452.4 |      0.84985 (12121108)      1.00541 (12121108)      1.25096
(11112924)      1.70026 (11112924)      2.72445 (16012724)
 3774402.4 |      0.81837 (12121108)      0.96254 (11112924)      1.18683
(11112924)      1.54458 (11112924)      2.12065 (11112924)
 3774352.4 |      0.78358 (12121108)      0.91962 (11112924)      1.10680
(11112924)      1.35374 (11112924)      1.60662 (11112924)
 3774302.4 |      0.75257 (11112924)      0.86887 (11112924)      1.00980
(11112924)      1.15344 (11112924)      1.21954 (11112924)
 3774252.4 |      0.71899 (11112924)      0.81118 (11112924)      0.91186
(11112924)      0.98742 (11112924)      0.98227 (13121608)
 3774202.4 |      0.68028 (11112924)      0.75113 (11112924)      0.81813
(11112924)      0.84758 (11112924)      0.82401 (13121608)
 3774152.4 |      0.64094 (11112924)      0.69079 (11112924)      0.72564
(11112924)      0.73352 (13121608)      0.70572 (12011408)
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*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

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

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       472023.42
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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 3776102.4 |      7.22871 (16121108)
 3776052.4 |      7.55390 (16121108)
 3776002.4 |      7.36362 (16121108)
 3775952.4 |      6.59413 (16121108)
 3775902.4 |      6.53337 (16121108)
 3775852.4 |      6.49624 (16121108)
 3775802.4 |      6.41093 (16121108)
 3775752.4 |      6.33814 (16121108)
 3775702.4 |      6.32531 (16121108)
 3775652.4 |      6.79620 (16121108)
 3775602.4 |      6.07726 (16121108)
 3775552.4 |      7.31631 (16121108)
 3775502.4 |      7.34433 (16121108)
 3775452.4 |      7.30557 (16121108)
 3775402.4 |      7.03666 (16121108)
 3775352.4 |      7.42617 (16121108)
 3775302.4 |      7.39095 (16121108)
 3775252.4 |      9.33529 (16121108)
 3775202.4 |      7.29613 (16121108)
 3775152.4 |      7.84637 (16121108)
 3775102.4 |      8.65839 (16121108)
 3775052.4 |      9.43871 (16121108)
 3775002.4 |      8.04906 (16121108)
 3774952.4 |      8.28962 (16121108)
 3774902.4 |      7.89066 (16121108)
 3774852.4 |      7.74356 (16121108)
 3774802.4 |      7.60641 (16121108)
 3774752.4 |      9.67027 (16121108)
 3774702.4 |      8.58496 (16121108)
 3774652.4 |      8.58869 (16121108)
 3774602.4 |      8.29439 (16121108)
 3774552.4 |      8.13229 (16121108)
 3774502.4 |      8.60103 (16121108)
 3774452.4 |      5.36444 (16121108)
 3774402.4 |      2.90847 (16012724)
 3774352.4 |      1.63377 (12011408)
 3774302.4 |      1.19322 (12011408)
 3774252.4 |      0.95626 (12011408)
 3774202.4 |      0.80485 (12011408)
 3774152.4 |      0.69855 (12011408)
*** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
*** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 158
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                 *** NETWORK ID: UCART2   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471764.54               471814.54               471864.54
       471914.54               471964.54
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3776302.8 |      1.34307m(12121224)      1.49088 (16122308)
1.79109m(11072608)      2.29773m(11072608)      3.36112 (16121108)
 3776252.8 |      1.31602m(12121224)      1.43325 (16122308)
1.71495m(11072608)      2.18679m(11072608)      3.11844 (16121108)
 3776202.8 |      1.25829m(12121224)      1.40285m(12121224)
1.66908m(11072608)      2.14121m(11072608)      3.06316 (16121108)
 3776152.8 |      1.23224m(12121224)      1.38269m(12121224)
1.64009m(11072608)      2.12220m(11072608)      3.13497 (16121108)
 3776102.8 |      1.22524m(12121224)      1.37875m(12121224)
1.61816m(11072608)      2.11210m(11072608)      3.18897 (16121108)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                 PAGE 159
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
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                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART2   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       472014.54
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3776302.8 |      8.68086 (16121108)
 3776252.8 |      7.24309 (16121108)
 3776202.8 |      6.98532 (16121108)
 3776152.8 |      8.53301 (16121108)
 3776102.8 |      9.28836 (16121108)
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                            *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                               INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART3   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       471756.60               471806.60               471856.60
```

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      471906.60               471956.60
 - - -
```

```
 3776304.7 |      6.83641 (16121108)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 162
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART4   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471664.52              471714.52              471764.52
       471814.52              471864.52
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776653.9 |      1.98659 (16123108)      2.30442 (16121108)      3.03051
(16121108)      4.94355 (16121108)      7.17225 (16121108)
 3776603.9 |      1.75615 (16123108)      1.93386 (16123108)      2.33390
(16121108)      3.21225 (16121108)      5.94665 (16121108)
 3776553.9 |      1.58680 (16123108)      1.70479 (16123108)      1.95830
(16122308)      2.52562 (16122308)      3.94282 (16121108)
 3776503.9 |      1.48470 (16123108)      1.58250 (16123108)      1.72517
(16122308)      2.11147 (16122308)      2.81426m(11072608)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 163
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

```
                                *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART4   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       471914.52
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776653.9 |      4.33366 (16121108)
 3776603.9 |      8.13875 (16121108)
 3776553.9 |      8.13074 (16121108)
 3776503.9 |      4.46376 (16121108)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***       08:39:22

                                   PAGE 164
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART5   ;  NETWORK TYPE:
GRIDCART ***
```

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       471554.26              471604.26              471654.26
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3776759.2 |      2.08694 (16123108)      2.45850 (16121108)      3.29264
(16121108)
 3776709.2 |      1.78669 (16123108)      1.98808 (16123108)      2.33156
(16121108)
 3776659.2 |      1.59139 (16123108)      1.73621 (16123108)      1.96047
(16123108)
 3776609.2 |      1.44708 (16123108)      1.58273 (16123108)      1.75243
(16123108)
 3776559.2 |      1.35795 (16123108)      1.46456 (16123108)      1.58197
(16123108)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 165
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART6   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       471343.73              471393.73              471443.73
       471493.73              471543.73
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
```

```
 3776922.8 |      2.06136 (16123108)      2.42977 (16123108)      3.19208
(16121108)      5.20446 (16121108)      7.14406 (16121108)
 3776872.8 |      1.75448 (16123108)      1.97737 (16123108)      2.29603
(16123108)      3.01739 (16123108)      4.52001 (16121108)
 3776822.8 |      1.55948 (16123108)      1.70471 (16123108)      1.90224
(16123108)      2.31242 (16123108)      2.84947 (16123108)
 3776772.8 |      1.41954 (16123108)      1.53074 (16123108)      1.66928
(16123108)      1.86376 (16123108)      2.17064 (16123108)
 3776722.8 |      1.31617 (16123108)      1.40736 (16123108)      1.51242
(16123108)      1.64072 (16123108)      1.82189 (16123108)
 3776672.8 |      1.24373 (16123108)      1.31023 (16123108)      1.39436
(16123108)      1.50210 (16123108)      1.60458 (16123108)
 3776622.8 |      1.16571 (16123108)      1.23069 (16123108)      1.30634
(16123108)      1.38043 (16123108)      1.45385 (16123108)
 3776572.8 |      1.10538 (16123108)      1.15901 (16123108)      1.22808
(16123108)      1.28202 (16123108)      1.35949 (16123108)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***       08:39:22

                                 PAGE 166
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                               INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                 *** NETWORK ID: UCART7   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471137.27              471187.27              471237.27
       471287.27              471337.27
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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```
 3777005.9 |      1.62979 (16123108)      1.80633 (16123108)      2.04255
(16123108)      2.41012 (16123108)      3.12065 (16121108)
 3776955.9 |      1.48176 (16123108)      1.61864 (16123108)      1.77705
(16123108)      1.99815 (16123108)      2.29652 (16123108)
 3776905.9 |      1.36078 (16123108)      1.46091 (16123108)      1.56421
(16123108)      1.71461 (16123108)      1.91273 (16123108)
 3776855.9 |      1.26018 (16123108)      1.33898 (16123108)      1.42209
(16123108)      1.52726 (16123108)      1.66099 (16123108)
 3776805.9 |      1.17456 (16123108)      1.24348 (16123108)      1.30774
(16123108)      1.39386 (16123108)      1.49350 (16123108)
 3776755.9 |      1.10473 (16123108)      1.15900 (16123108)      1.22185
(16123108)      1.29346 (16123108)      1.37260 (16123108)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***       08:39:22

                                 PAGE 167
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                 *** NETWORK ID: UCART8   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       471025.84              471075.84              471125.84
       471175.84              471225.84
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3777113.8 |      1.70943 (16123108)      1.91282 (16123108)      2.18253
(16123108)      2.66353 (16123108)      3.76485 (16121108)
 3777063.8 |      1.52988 (16123108)      1.67190 (16123108)      1.85322
(16123108)      2.11784 (16123108)      2.51567 (16123108)
 3777013.8 |      1.39632 (16123108)      1.50496 (16123108)      1.63344
```

(16123108)   1.80442 (16123108)   2.03882 (16123108)
↑ *** AERMOD - VERSION 19191 ***   *** Construction CO
***   06/23/20
*** AERMET - VERSION 16216 ***   ***
***   08:39:22

PAGE 168
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE   1ST HIGHEST 8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   C3037090   , C3037091
, C3037092   , C3037093   , C3037094   ,
C3037095   , C3037096   , C3037097   , C3037098   , C3037099
, C3037100   , C3037101   , C3037102   ,
C3037103   , C3037104   , C3037105   , C3037106   , C3037107
, C3037108   , C3037109   , C3037110   ,
C3037111   , C3037112   , C3037113   , C3037114   , C3037115
, C3037116   , C3037117   , . . .   ,

*** NETWORK ID: UCART8   ; NETWORK TYPE:
GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 471275.84
- -
- -

3777113.8 | 7.29722 (16121108)
3777063.8 | 3.38700 (16121108)
3777013.8 | 2.39202 (16123108)
↑ *** AERMOD - VERSION 19191 ***   *** Construction CO
***   06/23/20
*** AERMET - VERSION 16216 ***   ***
***   08:39:22

PAGE 169
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE   1ST HIGHEST 8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   C3037090   , C3037091
, C3037092   , C3037093   , C3037094   ,
C3037095   , C3037096   , C3037097   , C3037098   , C3037099
, C3037100   , C3037101   , C3037102   ,

```
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART9   ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471071.36              471121.36              471171.36
       471221.36
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3777220.7 |      3.26820 (16121108)      5.38314 (16121108)      7.25863
(16121108)      4.85209 (16121108)
 3777170.7 |      2.36286 (16123108)      2.96610 (16121108)      4.48150
(16121108)      6.74694 (16121108)
 3777120.7 |      1.93595 (16123108)      2.21650 (16123108)      2.71557
(16123108)      3.90949 (16121108)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***       08:39:22

                                   PAGE 170
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART10  ;  NETWORK TYPE:
GRIDCART ***

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

```
  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       470606.55               470656.55               470706.55
       470756.55               470806.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3777252.6 |      1.04293 (16123108)      1.12349 (16123108)      1.21460
(16123108)      1.34516 (16123108)      1.50762 (16123108)
 3777202.6 |      0.99042 (16123108)      1.05601 (16123108)      1.13783
(16123108)      1.23434 (16123108)      1.34148 (16123108)
 3777152.6 |      0.93373 (16123108)      0.99120 (16123108)      1.06158
(16123108)      1.14093 (16123108)      1.23676 (16123108)
 3777102.6 |      0.89281 (16123108)      0.94321 (16123108)      1.00987
(16123108)      1.07929 (16123108)      1.15263 (16123108)
 3777052.6 |      0.84848 (16123108)      0.89763 (16123108)      0.95873
(16123108)      1.02061 (16123108)      1.08550 (16123108)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 171
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART10  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       470856.55               470906.55               470956.55
       471006.55               471056.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3777252.6 |      1.74576 (16123108)      2.06151 (16123108)      2.59652
```

```
(16123108)      3.05523 (16123108)      4.10790 (16121108)
 3777202.6 |      1.49321 (16123108)      1.65488 (16123108)      1.86762
(16123108)      2.16888 (16123108)      2.62809 (16123108)
 3777152.6 |      1.35143 (16123108)      1.47168 (16123108)      1.62080
(16123108)      1.81922 (16123108)      2.08767 (16123108)
 3777102.6 |      1.24453 (16123108)      1.34778 (16123108)      1.46875
(16123108)      1.59873 (16123108)      1.77952 (16123108)
 3777052.6 |      1.16224 (16123108)      1.24850 (16123108)      1.34426
(16123108)      1.44498 (16123108)      1.58222 (16123108)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 172
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART11  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       470269.99               470319.99               470369.99
       470419.99
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3777554.4 |      0.76016 (16123108)      0.80314 (16123108)      0.87215
(16123108)      0.95084 (16123108)
 3777504.4 |      0.75041 (16123108)      0.79852 (16123108)      0.85492
(16123108)      0.92917 (16123108)
 3777454.4 |      0.73866 (16123108)      0.78897 (16123108)      0.83807
(16123108)      0.90249 (16123108)
 3777404.4 |      0.72653 (16123108)      0.76809 (16123108)      0.81742
(16123108)      0.87417 (16123108)
```

```
 3777354.4 |      0.70767 (16123108)      0.74995 (16123108)      0.79574
(16123108)      0.84711 (16123108)
 3777304.4 |      0.69093 (16123108)      0.73096 (16123108)      0.77399
(16123108)      0.82385 (16123108)
🡅 *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        08:39:22

                                  PAGE 173
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART12  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       468710.70              468760.70              468810.70
       468860.70              468910.70
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3779663.0 |      0.34802 (15122208)      0.38809 (15122208)      0.46990
(13012224)      0.60642 (13012224)      0.81050 (13012224)
 3779613.0 |      0.35816 (15122208)      0.39045 (15122208)      0.44668
(13012224)      0.55599 (13012224)      0.70344 (13012224)
 3779563.0 |      0.36314 (15122208)      0.38720 (15122208)      0.42229
(15122208)      0.49385 (13012224)      0.59821 (13012224)
 3779513.0 |      0.36435 (15122208)      0.38130 (15122208)      0.40408
(15122208)      0.43561 (15122208)      0.50196 (13012224)
 3779463.0 |      0.36311 (15122208)      0.37466 (15122208)      0.38850
(15122208)      0.40626 (15122208)      0.42864 (15122208)
 3779413.0 |      0.36003 (15122208)      0.36845 (15122208)      0.37672
(15122208)      0.38552 (15122208)      0.39533 (15122208)
 3779363.0 |      0.35515 (15122208)      0.36251 (15122208)      0.36824
```

(15122208) 0.37231 (15122208) 0.37532 (15122208)
3779313.0 | 0.34860 (15122208) 0.35653 (15122208) 0.36192
(15122208) 0.36452 (15122208) 0.36473 (15122208)
*** AERMOD - VERSION 19191 *** *** Construction CO
*** 06/23/20
*** AERMET - VERSION 16216 *** ***
*** 08:39:22

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): C3037090 , C3037091
, C3037092 , C3037093 , C3037094 ,
C3037095 , C3037096 , C3037097 , C3037098 , C3037099
, C3037100 , C3037101 , C3037102 ,
C3037103 , C3037104 , C3037105 , C3037106 , C3037107
, C3037108 , C3037109 , C3037110 ,
C3037111 , C3037112 , C3037113 , C3037114 , C3037115
, C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART12 ; NETWORK TYPE:
GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 468960.70 469010.70 469060.70
- - - -

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): C3037090 , C3037091 , C3037092 , C3037093 , C3037094 ,
C3037095 , C3037096 , C3037097 , C3037098 , C3037099 , C3037100 , C3037101 , C3037102 ,
C3037103 , C3037104 , C3037105 , C3037106 , C3037107 , C3037108 , C3037109 , C3037110 ,
C3037111 , C3037112 , C3037113 , C3037114 , C3037115 , C3037116 , C3037117 , . . . ,

*** NETWORK ID: UCART13 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 471075.86	471125.86	471175.86	471225.86	471275.86
3777911.5	0.71457 (12120308)	0.68551 (12120308)	0.65847 (12120308)	0.64841 (16010608)	0.65368 (16010608)
3777861.5	0.77230 (12120308)	0.74056 (12120308)	0.70899 (12120308)	0.68014 (16010608)	0.68377 (16010608)
3777811.5	0.84580 (16102724)	0.80145 (12120308)	0.76522 (12120308)	0.72931 (12120308)	0.71660 (16010608)
3777761.5	0.94406 (16102724)	0.86883 (12120308)	0.82853 (12120308)	0.78744 (12120308)	0.74849 (12120308)
3777711.5	1.05059 (16102724)	0.96510 (16102724)	0.89910 (12120308)	0.85411 (12120308)	0.81036 (12120308)
3777661.5	1.16774 (16102724)	1.07535 (16102724)	0.98165 (16102724)	0.92554 (12120308)	0.87721 (12120308)
3777611.5	1.29752 (16102724)	1.19695 (16102724)	1.09581 (16102724)	1.00227 (12120308)	0.95155 (12120308)
3777561.5	1.43859 (16102724)	1.32958 (16102724)	1.22139 (16102724)	1.11432 (16102724)	1.03048 (12120308)

```
 3777511.5 |      1.59801 (16102724)      1.47183 (16102724)      1.35587
(16102724)      1.24348 (16102724)      1.12848 (16102724)
 3777461.5 |      1.87103 (16123108)      1.64119 (16102724)      1.50636
(16102724)      1.38484 (16102724)      1.26380 (16102724)
 3777411.5 |      2.39082 (16123108)      1.94231 (16123108)      1.68592
(16102724)      1.53588 (16102724)      1.40401 (16102724)
 3777361.5 |      3.35759 (16121108)      2.49554 (16123108)      2.00784
(16123108)      1.77325 (16102724)      1.58126 (16102724)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***       06/23/20
 *** AERMET - VERSION  16216 ***   ***
                       ***       08:39:22

                                 PAGE 176
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                 *** NETWORK ID: UCART13  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       471325.86              471375.86              471425.86
       471475.86              471525.86
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777911.5 |      0.66004 (16010608)      0.66134 (16010608)      0.65790
(16010608)      0.64295 (16010608)      0.62148 (16010608)
 3777861.5 |      0.68561 (16010608)      0.68549 (16010608)      0.68309
(16010608)      0.66903 (16010608)      0.65223 (16010608)
 3777811.5 |      0.71551 (16010608)      0.71286 (16010608)      0.70680
(16010608)      0.69690 (16010608)      0.68180 (16010608)
 3777761.5 |      0.74712 (16010608)      0.74188 (16010608)      0.73557
(16010608)      0.72699 (16010608)      0.71059 (16010608)
 3777711.5 |      0.77943 (16010608)      0.77053 (16010608)      0.76753
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(16010608)      0.75559 (16010608)      0.73922 (16010608)
 3777661.5 |      0.82909 (12120308)      0.80391 (16010608)      0.79441
(16010608)      0.78574 (16010608)      0.77207 (16010608)
 3777611.5 |      0.89884 (12120308)      0.84774 (12120308)      0.82493
(16010608)      0.81669 (16010608)      0.80295 (16010608)
 3777561.5 |      0.97531 (12120308)      0.91898 (12120308)      0.86299
(12120308)      0.84615 (16010608)      0.83269 (16010608)
 3777511.5 |      1.05379 (12120308)      0.99106 (12120308)      0.93512
(12120308)      0.89063 (16010608)      0.87181 (16010608)
 3777461.5 |      1.14152 (16102724)      1.06568 (12120308)      1.00759
(12120308)      0.95145 (12120308)      0.91186 (16010608)
 3777411.5 |      1.27725 (16102724)      1.14722 (16102724)      1.07175
(12120308)      1.01901 (12120308)      0.95438 (12120308)
 3777361.5 |      1.41969 (16102724)      1.28637 (16102724)      1.14414
(16102724)      1.08410 (12120308)      1.02873 (12120308)
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                                *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                  *** NETWORK ID: UCART14  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       472114.69              472164.69              472214.69
       472264.69              472314.69
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777124.5 |      0.99896 (13120708)      0.88889 (13120708)      0.86226
(13120708)      0.81504 (13120708)      0.76356 (13120708)
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 3777074.5 |      1.03545 (13120708)      0.93524 (13120708)      0.88981
(13120708)      0.83535 (13120708)      0.78022 (13120708)
 3777024.5 |      1.07814 (13120708)      0.97638 (13120708)      0.92331
(13120708)      0.85845 (13120708)      0.79628 (13120708)
 3776974.5 |      1.08917 (13120708)      0.99454 (13120708)      0.94596
(13120708)      0.87363 (13120708)      0.80900 (13120708)
 3776924.5 |      1.10258 (13120708)      1.00248 (13120708)      0.96109
(13120708)      0.89641 (13120708)      0.82890 (13120708)
 3776874.5 |      1.10712 (13120708)      0.93353 (13120708)      0.90582
(13120708)      0.85607 (13120708)      0.81136 (13120708)
 3776824.5 |      1.10613 (13120708)      0.97391 (13120708)      0.92569
(13120708)      0.86923 (13120708)      0.82433 (12021508)
 3776774.5 |      1.13311 (13120708)      1.02936 (13120708)      0.96031
(13120708)      0.90003 (13120708)      0.84660 (12021508)
 3776724.5 |      1.22624 (13120708)      1.09932 (13120708)      1.00220
(13120708)      0.92428 (13120708)      0.87274 (12021508)
 3776674.5 |      1.32996 (13120708)      1.16920 (13120708)      1.04186
(13120708)      0.94519 (13120708)      0.87787 (12021508)
 3776624.5 |      1.45220 (13120708)      1.22975 (13120708)      1.09884
(13120708)      0.98608 (13120708)      0.90391 (12021508)
 3776574.5 |      1.54717 (13120708)      1.30493 (13120708)      1.15179
(13120708)      1.02246 (13120708)      0.91906 (12021508)
 3776524.5 |      1.68266 (15122308)      1.38813 (13120708)      1.19565
(13120708)      1.05134 (13120708)      0.93156 (13120708)
 3776474.5 |      1.86051 (15122308)      1.48585 (13120708)      1.25924
(13120708)      1.08241 (13120708)      0.94734 (13120708)
 3776424.5 |      2.03931 (15122308)      1.64054 (13120708)      1.31894
(13120708)      1.11125 (13120708)      0.96752 (13120708)
↑ *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        08:39:22

                                   PAGE 178
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART14  ;  NETWORK TYPE:
```

GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 472364.69	472414.69	472464.69	472514.69	472564.69
3777124.5	0.70165 (13120708)	0.63604 (13120708)	0.57097 (12021508)	0.57877 (12112924)	0.59074 (12112924)
3777074.5	0.71434 (13120708)	0.64557 (13120708)	0.59729 (12112924)	0.60524 (12112924)	0.60471 (12112924)
3777024.5	0.72744 (13120708)	0.65604 (13120708)	0.63247 (12112924)	0.63442 (12112924)	0.62872 (12112924)
3776974.5	0.74191 (13120708)	0.66583 (13120708)	0.61796 (12112924)	0.56817 (12112924)	0.56780 (12112924)
3776924.5	0.75334 (13120708)	0.67636 (13120708)	0.61137 (12112924)	0.54112 (12021508)	0.53912 (12112924)
3776874.5	0.74948 (12021508)	0.68363 (12021508)	0.61596 (12021508)	0.55209 (12021508)	0.51483 (11100508)
3776824.5	0.76596 (12021508)	0.70080 (12021508)	0.62798 (12021508)	0.55914 (12021508)	0.50908 (11100508)
3776774.5	0.78321 (12021508)	0.71137 (12021508)	0.63691 (12021508)	0.56547 (12021508)	0.52576 (11100508)
3776724.5	0.80072 (12021508)	0.72205 (12021508)	0.64419 (12021508)	0.57266 (12021508)	0.54225 (11100508)
3776674.5	0.80145 (12021508)	0.72431 (12021508)	0.64818 (12021508)	0.57845 (12021508)	0.54857 (11100508)
3776624.5	0.81512 (12021508)	0.73316 (12021508)	0.65391 (12021508)	0.58318 (12021508)	0.53865 (11100508)
3776574.5	0.82592 (12021508)	0.73974 (12021508)	0.65775 (12021508)	0.58657 (12021508)	0.55578 (11100508)
3776524.5	0.83129 (12021508)	0.74082 (12021508)	0.65794 (12021508)	0.58509 (12021508)	0.53251 (11100508)
3776474.5	0.83565 (12021508)	0.74357 (12021508)	0.65913 (12021508)	0.58674 (12021508)	0.53059 (15122308)
3776424.5	0.84350 (13120708)	0.74699 (12021508)	0.65966 (12021508)	0.59448 (15122308)	0.53806 (15122308)

*** AERMOD - VERSION 19191 *** *** Construction CO ***
06/23/20
*** AERMET - VERSION 16216 *** ***
***
08:39:22

PAGE 179
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

```
                                *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
                 C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                 C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                 C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART15  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       472138.17              472188.17              472238.17
       472288.17              472338.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3775714.7 |      2.34886 (15122308)      1.77537 (15122308)      1.39768
(15122308)      1.15495 (15122308)      0.98047 (15122308)
 3775664.7 |      2.40039 (15122308)      1.86554 (13120708)      1.39651
(15122308)      1.14853 (15122308)      0.97409 (15122308)
 3775614.7 |      2.32235 (15122308)      1.78479 (15122308)      1.36886
(15122308)      1.13906 (15122308)      0.96701 (15122308)
 3775564.7 |      2.19505 (15122308)      1.67662 (15122308)      1.34023
(15122308)      1.12511 (15122308)      0.95619 (15122308)
 3775514.7 |      2.14037 (15122308)      1.64267 (15122308)      1.31660
(15122308)      1.10710 (15122308)      0.94578 (15122308)
 3775464.7 |      2.10298 (15122308)      1.61635 (15122308)      1.29129
(15122308)      1.09060 (15122308)      0.92929 (15122308)
 3775414.7 |      2.09543 (16121108)      1.58656 (15122308)      1.28109
(15122308)      1.07510 (15122308)      0.91891 (15122308)
 3775364.7 |      2.11693 (16121108)      1.58746 (16121108)      1.27410
(16121108)      1.06482 (15122308)      0.91278 (16121108)
 3775314.7 |      2.14703 (16121108)      1.59722 (16121108)      1.27612
(16121108)      1.06283 (16121108)      0.90990 (16121108)
 3775264.7 |      2.19902 (16121108)      1.60819 (16121108)      1.27611
(16121108)      1.05977 (16121108)      0.90566 (16121108)
 3775214.7 |      2.22802 (16121108)      1.61152 (16121108)      1.27319
(16121108)      1.05472 (16121108)      0.89999 (16121108)
 3775164.7 |      2.20722 (16121108)      1.60179 (16121108)      1.26475
(16121108)      1.04691 (16121108)      0.89241 (16121108)
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 3775114.7 |      2.16534 (16121108)      1.58264 (16121108)      1.25218
(16121108)      1.03685 (16121108)      0.88338 (16121108)
 3775064.7 |      2.12721 (16121108)      1.56242 (16121108)      1.23745
(16121108)      1.02468 (16121108)      0.87285 (16121108)
 3775014.7 |      2.10054 (16121108)      1.54340 (16121108)      1.22216
(16121108)      1.01172 (16121108)      0.86109 (16121108)
 3774964.7 |      2.06762 (16121108)      1.52154 (16121108)      1.20574
(16121108)      0.99735 (16121108)      0.84797 (16121108)
 3774914.7 |      2.03798 (16121108)      1.50209 (16121108)      1.18844
(16121108)      0.98129 (16121108)      0.83350 (16121108)
 3774864.7 |      2.01200 (16121108)      1.48110 (16121108)      1.16891
(16121108)      0.96326 (16121108)      0.81686 (16121108)
 3774814.7 |      1.99268 (16121108)      1.45697 (16121108)      1.14607
(16121108)      0.94217 (16121108)      0.79790 (16121108)
 3774764.7 |      1.95579 (16121108)      1.42652 (16121108)      1.11889
(16121108)      0.91787 (16121108)      0.77651 (16121108)
 3774714.7 |      1.90478 (16121108)      1.38685 (16121108)      1.08505
(16121108)      0.88885 (16121108)      0.75118 (16121108)
 3774664.7 |      1.85805 (16121108)      1.33872 (16121108)      1.04356
(16121108)      0.85402 (16121108)      0.72198 (16121108)
 3774614.7 |      1.78162 (16121108)      1.27452 (16121108)      0.99241
(16121108)      0.81286 (16121108)      0.68832 (16121108)
 3774564.7 |      1.65433 (16121108)      1.19025 (16121108)      0.93034
(16121108)      0.76525 (16121108)      0.65068 (16121108)
 3774514.7 |      1.49368 (16121108)      1.08682 (16121108)      0.85739
(16121108)      0.71118 (16121108)      0.60897 (16121108)
 3774464.7 |      1.30431 (16121108)      0.96689 (16121108)      0.77610
(11013108)      0.65395 (11013108)      0.56458 (16121108)
 3774414.7 |      1.09086 (11013108)      0.86067 (11013108)      0.71166
(11013108)      0.60816 (11013108)      0.53060 (11013108)
 3774364.7 |      0.96541 (11012724)      0.76890 (11012724)      0.64725
(11013108)      0.56312 (11013108)      0.49729 (11013108)
 3774314.7 |      0.86668 (11012724)      0.70182 (11012724)      0.59772
(12030408)      0.52572 (12030408)      0.46774 (12030408)
 3774264.7 |      0.77530 (11012724)      0.64991 (11012724)      0.55668
(12030408)      0.49587 (12030408)      0.44505 (12030408)
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                          ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        08:39:22

                                   PAGE 180
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     C3037090    , C3037091
 , C3037092    , C3037093    , C3037094    ,
```

```
                C3037095    , C3037096    , C3037097    , C3037098    , C3037099
 , C3037100    , C3037101    , C3037102    ,
                C3037103    , C3037104    , C3037105    , C3037106    , C3037107
 , C3037108    , C3037109    , C3037110    ,
                C3037111    , C3037112    , C3037113    , C3037114    , C3037115
 , C3037116    , C3037117    ,  . . .      ,

                                   *** NETWORK ID: UCART16  ;  NETWORK TYPE:
GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       472255.22              472305.22              472355.22
       472405.22              472455.22
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3776236.9 |      1.23514 (13120708)      1.05319 (13120708)      0.90770
(15122308)      0.79842 (15122308)      0.70903 (15122308)
 3776186.9 |      1.25084 (13120708)      1.06764 (13120708)      0.91920
(15122308)      0.80968 (15122308)      0.71503 (15122308)
 3776136.9 |      1.26375 (15122308)      1.07892 (15122308)      0.92679
(15122308)      0.81377 (15122308)      0.71909 (15122308)
 3776086.9 |      1.27922 (15122308)      1.08583 (15122308)      0.93337
(15122308)      0.81811 (15122308)      0.72113 (15122308)
 3776036.9 |      1.29177 (15122308)      1.09138 (15122308)      0.93893
(15122308)      0.81865 (15122308)      0.72195 (15122308)
 3775986.9 |      1.30320 (15122308)      1.10015 (15122308)      0.94523
(15122308)      0.82171 (15122308)      0.71919 (15122308)
 3775936.9 |      1.31713 (15122308)      1.10363 (15122308)      0.94748
(15122308)      0.82277 (15122308)      0.71904 (15122308)
 3775886.9 |      1.31983 (15122308)      1.10586 (15122308)      0.94507
(15122308)      0.81705 (15122308)      0.71893 (15122308)
```



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


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

```
                **

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

BNSFCONS HIGH   1ST HIGH VALUE IS      12.76022  ON 13041307: AT (  472023.42,
3774752.42,   333.60,   333.60,    0.00)  GC  UCART1

ALL      HIGH   1ST HIGH VALUE IS      12.76022  ON 13041307: AT (  472023.42,
3774752.42,   333.60,   333.60,    0.00)  GC  UCART1


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        08:39:22

                                   PAGE 182
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                 *** THE SUMMARY OF HIGHEST  8-HR
RESULTS ***


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

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

BNSFCONS HIGH   1ST HIGH VALUE IS       9.70746  ON 16121108: AT (  472006.60,
3776354.71,   347.00,   347.00,    0.00)  GC  UCART3

ALL      HIGH   1ST HIGH VALUE IS       9.70746  ON 16121108: AT (  472006.60,
3776354.71,   347.00,   347.00,    0.00)  GC  UCART3
```

```
 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION  19191 ***   *** Construction CO
                         ***        06/23/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        08:39:22

                                   PAGE 183
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

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

 A Total of            0 Fatal Error Message(s)
 A Total of            7 Warning Message(s)
 A Total of          838 Informational Message(s)

 A Total of        43848 Hours Were Processed

 A Total of           40 Calm Hours Identified

 A Total of          798 Missing Hours Identified (  1.82 Percent)


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


    ********   WARNING MESSAGES   ********
 ME W186    1112       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187    1112       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 MX W438    8800        METQA: Convective Velocity Data Out-of-Range.  KURDAT =
  12010216
 MX W438   11536        METQA: Convective Velocity Data Out-of-Range.  KURDAT =
  12042516
 MX W420   16779        METQA: Wind Speed Out-of-Range.   KURDAT =
  12113003
 MX W450   26305       CHKDAT: Record Out of Sequence in Meteorological File at:
  15010101
 MX W450   26305       CHKDAT: Record Out of Sequence in Meteorological File at:
1 year gap
```

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

```
**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.9.0
** Lakes Environmental Software Inc.
** Date: 6/26/2020
** File: C:\Lakes\AERMOD View\BNSF Ono_ConPMex\BNSF Ono_ConPMex.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE Ono Construction PM exhaust
   MODELOPT DFAULT CONC
   AVERTIME 1 24 ANNUAL
   URBANOPT 216995
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL "BNSF Ono_ConPMex.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 = CON3
** DESCRSRC construction alignment PM10 vehicle emissions 3
** PREFIX C3
** Length of Side = 9.70
** Configuration = Adjacent
** Emission Rate = 0.000594
** Vertical Dimension = 7.82
** SZINIT = 3.64
** Nodes = 44
** 472029.067, 3774423.620, 330.82, 5.00, 4.51
** 472027.831, 3774478.042, 331.46, 5.00, 4.51
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** 472000.591, 3774511.750, 332.06, 5.00, 4.51
** 472013.272, 3774556.255, 332.64, 5.00, 4.51
** 472031.864, 3774578.593, 332.21, 5.00, 4.51
** 472029.304, 3774684.181, 333.03, 5.00, 4.51
** 472002.658, 3774711.761, 333.60, 5.00, 4.51
** 472001.216, 3774757.585, 333.81, 5.00, 4.51
** 472028.458, 3774759.397, 333.47, 5.00, 4.51
** 472029.022, 3774836.830, 334.00, 5.00, 4.51
** 472014.653, 3774850.787, 334.41, 5.00, 4.51
** 472011.200, 3774882.035, 334.71, 5.00, 4.51
** 472030.428, 3774899.027, 334.52, 5.00, 4.51
** 472033.861, 3775069.137, 336.13, 5.00, 4.51
** 472044.457, 3775252.708, 337.89, 5.00, 4.51
** 472023.610, 3775266.611, 338.37, 5.00, 4.51
** 472026.862, 3775405.698, 339.52, 5.00, 4.51
** 471990.441, 3775421.200, 340.22, 5.00, 4.51
** 472020.706, 3775460.501, 340.35, 5.00, 4.51
** 472021.501, 3775574.097, 341.67, 5.00, 4.51
** 472024.227, 3775616.759, 342.65, 5.00, 4.51
** 472046.874, 3775636.423, 341.93, 5.00, 4.51
** 472044.511, 3775860.656, 344.18, 5.00, 4.51
** 472044.474, 3776009.430, 344.91, 5.00, 4.51
** 472023.518, 3776037.236, 345.55, 5.00, 4.51
** 472026.153, 3776139.738, 345.99, 5.00, 4.51
** 472026.595, 3776148.843, 345.93, 5.00, 4.51
** 472036.101, 3776216.655, 346.57, 5.00, 4.51
** 472027.399, 3776304.861, 345.20, 5.00, 4.51
** 472014.541, 3776370.163, 345.32, 5.00, 4.51
** 471995.999, 3776385.920, 347.82, 5.00, 4.51
** 471994.791, 3776431.787, 345.96, 5.00, 4.51
** 471919.463, 3776569.800, 349.81, 5.00, 4.51
** 471902.161, 3776594.994, 349.38, 5.00, 4.51
** 471891.090, 3776619.671, 349.47, 5.00, 4.51
** 471790.618, 3776728.020, 352.43, 5.00, 4.51
** 471687.819, 3776808.468, 354.12, 5.00, 4.51
** 471587.411, 3776886.025, 355.59, 5.00, 4.51
** 471381.275, 3777051.819, 358.77, 5.00, 4.51
** 471204.297, 3777192.559, 361.85, 5.00, 4.51
** 471034.024, 3777323.679, 365.52, 5.00, 4.51
** 470919.103, 3777424.226, 368.63, 5.00, 4.51
** 470766.423, 3777576.849, 372.68, 5.00, 4.51
** 470646.829, 3777717.308, 375.61, 5.00, 4.51
** ---------------------------------------------------------------------
   LOCATION C3045500     VOLUME   472028.956 3774428.468 331.11
   LOCATION C3045501     VOLUME   472028.736 3774438.166 331.20
   LOCATION C3045502     VOLUME   472028.516 3774447.863 331.30
   LOCATION C3045503     VOLUME   472028.296 3774457.561 331.41
   LOCATION C3045504     VOLUME   472028.076 3774467.258 331.51
```

LOCATION	C3045505	VOLUME	472027.855	3774476.956	331.59
LOCATION	C3045506	VOLUME	472022.417	3774484.742	331.72
LOCATION	C3045507	VOLUME	472016.320	3774492.286	331.85
LOCATION	C3045508	VOLUME	472010.224	3774499.831	331.98
LOCATION	C3045509	VOLUME	472004.127	3774507.375	332.09
LOCATION	C3045510	VOLUME	472001.708	3774515.669	332.21
LOCATION	C3045511	VOLUME	472004.366	3774524.998	332.32
LOCATION	C3045512	VOLUME	472007.024	3774534.327	332.41
LOCATION	C3045513	VOLUME	472009.682	3774543.655	332.49
LOCATION	C3045514	VOLUME	472012.340	3774552.984	332.56
LOCATION	C3045515	VOLUME	472017.302	3774561.096	332.54
LOCATION	C3045516	VOLUME	472023.507	3774568.552	332.43
LOCATION	C3045517	VOLUME	472029.712	3774576.008	332.33
LOCATION	C3045518	VOLUME	472031.711	3774584.927	332.34
LOCATION	C3045519	VOLUME	472031.476	3774594.624	332.40
LOCATION	C3045520	VOLUME	472031.240	3774604.322	332.48
LOCATION	C3045521	VOLUME	472031.005	3774614.019	332.56
LOCATION	C3045522	VOLUME	472030.770	3774623.716	332.65
LOCATION	C3045523	VOLUME	472030.535	3774633.413	332.75
LOCATION	C3045524	VOLUME	472030.300	3774643.110	332.86
LOCATION	C3045525	VOLUME	472030.065	3774652.807	332.96
LOCATION	C3045526	VOLUME	472029.830	3774662.504	333.03
LOCATION	C3045527	VOLUME	472029.594	3774672.202	333.09
LOCATION	C3045528	VOLUME	472029.359	3774681.899	333.14
LOCATION	C3045529	VOLUME	472024.150	3774689.515	333.27
LOCATION	C3045530	VOLUME	472017.410	3774696.491	333.42
LOCATION	C3045531	VOLUME	472010.671	3774703.467	333.55
LOCATION	C3045532	VOLUME	472003.931	3774710.443	333.63
LOCATION	C3045533	VOLUME	472002.410	3774719.625	333.67
LOCATION	C3045534	VOLUME	472002.105	3774729.320	333.72
LOCATION	C3045535	VOLUME	472001.800	3774739.015	333.76
LOCATION	C3045536	VOLUME	472001.495	3774748.711	333.81
LOCATION	C3045537	VOLUME	472002.035	3774757.639	333.88
LOCATION	C3045538	VOLUME	472011.714	3774758.283	333.83
LOCATION	C3045539	VOLUME	472021.392	3774758.927	333.71
LOCATION	C3045540	VOLUME	472028.477	3774762.015	333.64
LOCATION	C3045541	VOLUME	472028.548	3774771.715	333.72
LOCATION	C3045542	VOLUME	472028.618	3774781.414	333.80
LOCATION	C3045543	VOLUME	472028.689	3774791.114	333.85
LOCATION	C3045544	VOLUME	472028.760	3774800.814	333.91
LOCATION	C3045545	VOLUME	472028.830	3774810.514	333.96
LOCATION	C3045546	VOLUME	472028.901	3774820.213	334.02
LOCATION	C3045547	VOLUME	472028.971	3774829.913	334.07
LOCATION	C3045548	VOLUME	472027.025	3774838.769	334.15
LOCATION	C3045549	VOLUME	472020.067	3774845.528	334.30
LOCATION	C3045550	VOLUME	472014.417	3774852.926	334.43
LOCATION	C3045551	VOLUME	472013.351	3774862.567	334.52
LOCATION	C3045552	VOLUME	472012.286	3774872.208	334.62

LOCATION	C3045553	VOLUME	472011.221	3774881.850	334.77
LOCATION	C3045554	VOLUME	472018.329	3774888.335	334.76
LOCATION	C3045555	VOLUME	472025.598	3774894.758	334.71
LOCATION	C3045556	VOLUME	472030.494	3774902.280	334.70
LOCATION	C3045557	VOLUME	472030.689	3774911.978	334.79
LOCATION	C3045558	VOLUME	472030.885	3774921.676	334.87
LOCATION	C3045559	VOLUME	472031.081	3774931.374	334.96
LOCATION	C3045560	VOLUME	472031.277	3774941.072	335.07
LOCATION	C3045561	VOLUME	472031.472	3774950.770	335.18
LOCATION	C3045562	VOLUME	472031.668	3774960.468	335.29
LOCATION	C3045563	VOLUME	472031.864	3774970.166	335.45
LOCATION	C3045564	VOLUME	472032.059	3774979.864	335.64
LOCATION	C3045565	VOLUME	472032.255	3774989.562	335.83
LOCATION	C3045566	VOLUME	472032.451	3774999.260	336.07
LOCATION	C3045567	VOLUME	472032.646	3775008.958	336.37
LOCATION	C3045568	VOLUME	472032.842	3775018.656	336.67
LOCATION	C3045569	VOLUME	472033.038	3775028.354	336.82
LOCATION	C3045570	VOLUME	472033.234	3775038.052	336.63
LOCATION	C3045571	VOLUME	472033.429	3775047.750	336.45
LOCATION	C3045572	VOLUME	472033.625	3775057.448	336.30
LOCATION	C3045573	VOLUME	472033.821	3775067.146	336.35
LOCATION	C3045574	VOLUME	472034.305	3775076.833	336.38
LOCATION	C3045575	VOLUME	472034.864	3775086.517	336.41
LOCATION	C3045576	VOLUME	472035.423	3775096.201	336.47
LOCATION	C3045577	VOLUME	472035.982	3775105.885	336.52
LOCATION	C3045578	VOLUME	472036.541	3775115.569	336.58
LOCATION	C3045579	VOLUME	472037.100	3775125.252	336.66
LOCATION	C3045580	VOLUME	472037.659	3775134.936	336.76
LOCATION	C3045581	VOLUME	472038.218	3775144.620	336.85
LOCATION	C3045582	VOLUME	472038.777	3775154.304	336.95
LOCATION	C3045583	VOLUME	472039.336	3775163.988	337.04
LOCATION	C3045584	VOLUME	472039.895	3775173.672	337.13
LOCATION	C3045585	VOLUME	472040.454	3775183.356	337.22
LOCATION	C3045586	VOLUME	472041.013	3775193.040	337.30
LOCATION	C3045587	VOLUME	472041.572	3775202.724	337.38
LOCATION	C3045588	VOLUME	472042.131	3775212.407	337.46
LOCATION	C3045589	VOLUME	472042.690	3775222.091	337.54
LOCATION	C3045590	VOLUME	472043.249	3775231.775	337.62
LOCATION	C3045591	VOLUME	472043.808	3775241.459	337.70
LOCATION	C3045592	VOLUME	472044.367	3775251.143	337.77
LOCATION	C3045593	VOLUME	472037.691	3775257.220	338.01
LOCATION	C3045594	VOLUME	472029.621	3775262.602	338.17
LOCATION	C3045595	VOLUME	472023.667	3775269.085	338.31
LOCATION	C3045596	VOLUME	472023.894	3775278.782	338.40
LOCATION	C3045597	VOLUME	472024.121	3775288.479	338.49
LOCATION	C3045598	VOLUME	472024.348	3775298.177	338.57
LOCATION	C3045599	VOLUME	472024.574	3775307.874	338.65
LOCATION	C3045600	VOLUME	472024.801	3775317.571	338.72

LOCATION	C3045601	VOLUME	472025.028	3775327.269	338.79
LOCATION	C3045602	VOLUME	472025.255	3775336.966	338.88
LOCATION	C3045603	VOLUME	472025.482	3775346.663	339.00
LOCATION	C3045604	VOLUME	472025.708	3775356.361	339.12
LOCATION	C3045605	VOLUME	472025.935	3775366.058	339.24
LOCATION	C3045606	VOLUME	472026.162	3775375.755	339.36
LOCATION	C3045607	VOLUME	472026.389	3775385.453	339.48
LOCATION	C3045608	VOLUME	472026.615	3775395.150	339.60
LOCATION	C3045609	VOLUME	472026.842	3775404.848	339.69
LOCATION	C3045610	VOLUME	472018.720	3775409.164	339.83
LOCATION	C3045611	VOLUME	472009.795	3775412.963	339.95
LOCATION	C3045612	VOLUME	472000.870	3775416.762	340.06
LOCATION	C3045613	VOLUME	471991.944	3775420.561	340.16
LOCATION	C3045614	VOLUME	471995.363	3775427.591	340.18
LOCATION	C3045615	VOLUME	472001.281	3775435.276	340.19
LOCATION	C3045616	VOLUME	472007.199	3775442.962	340.24
LOCATION	C3045617	VOLUME	472013.118	3775450.647	340.30
LOCATION	C3045618	VOLUME	472019.036	3775458.332	340.38
LOCATION	C3045619	VOLUME	472020.755	3775467.463	340.50
LOCATION	C3045620	VOLUME	472020.823	3775477.163	340.63
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LOCATION	C3045622	VOLUME	472020.959	3775496.563	340.82
LOCATION	C3045623	VOLUME	472021.027	3775506.263	340.88
LOCATION	C3045624	VOLUME	472021.094	3775515.962	340.93
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LOCATION	C3045629	VOLUME	472021.434	3775564.461	341.38
LOCATION	C3045630	VOLUME	472021.505	3775574.161	341.51
LOCATION	C3045631	VOLUME	472022.124	3775583.841	341.72
LOCATION	C3045632	VOLUME	472022.742	3775593.521	342.04
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LOCATION	C3045634	VOLUME	472023.980	3775612.882	342.77
LOCATION	C3045635	VOLUME	472028.618	3775620.571	343.05
LOCATION	C3045636	VOLUME	472035.942	3775626.931	342.49
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LOCATION	C3045652	VOLUME	472045.391	3775777.138	342.90
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LOCATION	C3045656	VOLUME	472044.983	3775815.936	343.74
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LOCATION C3045742     VOLUME   471897.021 3776606.451 349.62
LOCATION C3045743     VOLUME   471893.051 3776615.301 349.61
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   LOCATION C3045902     VOLUME   470728.695 3777621.160 375.82
   LOCATION C3045903     VOLUME   470722.406 3777628.545 375.85
   LOCATION C3045904     VOLUME   470716.118 3777635.931 375.52
   LOCATION C3045905     VOLUME   470709.829 3777643.316 375.50
   LOCATION C3045906     VOLUME   470703.541 3777650.702 375.62
   LOCATION C3045907     VOLUME   470697.252 3777658.087 375.66
   LOCATION C3045908     VOLUME   470690.964 3777665.473 375.45
   LOCATION C3045909     VOLUME   470684.676 3777672.858 375.46
   LOCATION C3045910     VOLUME   470678.387 3777680.244 375.67
   LOCATION C3045911     VOLUME   470672.099 3777687.629 375.91
   LOCATION C3045912     VOLUME   470665.810 3777695.015 375.83
   LOCATION C3045913     VOLUME   470659.522 3777702.400 375.83
   LOCATION C3045914     VOLUME   470653.233 3777709.786 375.99
   LOCATION C3045915     VOLUME   470646.945 3777717.171 376.25
** End of LINE VOLUME Source ID = CON3
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = CON4
** DESCRSRC construction alignment PM10 vehicle emissions 4
** PREFIX C4
** Length of Side = 9.70
** Configuration = Adjacent
** Emission Rate = 0.000044
** Vertical Dimension = 7.82
** SZINIT = 3.64
** Nodes = 3
** 469165.516, 3779580.753, 423.82, 5.00, 4.51
** 469060.162, 3779716.384, 426.97, 5.00, 4.51
** 468981.687, 3779815.250, 428.83, 5.00, 4.51
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   LOCATION C4045917     VOLUME   469156.590 3779592.243 424.12
   LOCATION C4045918     VOLUME   469150.640 3779599.904 424.25
   LOCATION C4045919     VOLUME   469144.689 3779607.564 424.42
   LOCATION C4045920     VOLUME   469138.739 3779615.225 424.62
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   LOCATION C4045922     VOLUME   469126.838 3779630.546 425.10
   LOCATION C4045923     VOLUME   469120.888 3779638.206 425.32
   LOCATION C4045924     VOLUME   469114.937 3779645.867 425.48
   LOCATION C4045925     VOLUME   469108.987 3779653.527 425.59
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   LOCATION C4045927     VOLUME   469097.086 3779668.848 426.00
   LOCATION C4045928     VOLUME   469091.136 3779676.508 426.20
   LOCATION C4045929     VOLUME   469085.186 3779684.169 426.39
   LOCATION C4045930     VOLUME   469079.235 3779691.829 426.52
   LOCATION C4045931     VOLUME   469073.285 3779699.490 426.64
   LOCATION C4045932     VOLUME   469067.334 3779707.150 426.79
   LOCATION C4045933     VOLUME   469061.384 3779714.811 426.95
   LOCATION C4045934     VOLUME   469055.370 3779722.421 427.06
   LOCATION C4045935     VOLUME   469049.339 3779730.019 427.14
   LOCATION C4045936     VOLUME   469043.309 3779737.616 427.27
   LOCATION C4045937     VOLUME   469037.278 3779745.214 427.44
   LOCATION C4045938     VOLUME   469031.248 3779752.811 427.61
   LOCATION C4045939     VOLUME   469025.217 3779760.409 427.71
   LOCATION C4045940     VOLUME   469019.187 3779768.006 427.86
   LOCATION C4045941     VOLUME   469013.156 3779775.604 428.05
   LOCATION C4045942     VOLUME   469007.126 3779783.202 428.26
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   LOCATION C4045944     VOLUME   468995.064 3779798.397 428.56
   LOCATION C4045945     VOLUME   468989.034 3779805.994 428.77
   LOCATION C4045946     VOLUME   468983.003 3779813.592 428.99
** End of LINE VOLUME Source ID = CON4
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC Haul 1
** PREFIX
** Length of Side = 8.70
** Configuration = Adjacent
** Emission Rate = 0.00029
** Vertical Dimension = 6.12
** SZINIT = 2.85
** Nodes = 6
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** 471926.852, 3774419.022, 331.40, 3.06, 4.05
** 471922.401, 3775037.792, 338.18, 3.06, 4.05
** 472250.334, 3775036.308, 334.08, 3.06, 4.05
** 472248.078, 3775653.313, 341.26, 3.06, 4.05
** 472149.012, 3775658.145, 343.19, 3.06, 4.05
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   LOCATION L0044990     VOLUME   471995.621 3774417.895 331.24
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LOCATION L0044992     VOLUME   471978.223 3774418.180 331.33
LOCATION L0044993     VOLUME   471969.524 3774418.323 331.36
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LOCATION L0044995     VOLUME   471952.127 3774418.608 331.42
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LOCATION L0044997     VOLUME   471934.729 3774418.893 331.45
LOCATION L0044998     VOLUME   471926.846 3774419.845 331.53
LOCATION L0044999     VOLUME   471926.784 3774428.544 331.64
LOCATION L0045000     VOLUME   471926.721 3774437.244 331.75
LOCATION L0045001     VOLUME   471926.659 3774445.944 331.85
LOCATION L0045002     VOLUME   471926.596 3774454.644 331.94
LOCATION L0045003     VOLUME   471926.533 3774463.343 332.03
LOCATION L0045004     VOLUME   471926.471 3774472.043 332.12
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LOCATION L0045006     VOLUME   471926.346 3774489.443 332.31
LOCATION L0045007     VOLUME   471926.283 3774498.143 332.41
LOCATION L0045008     VOLUME   471926.221 3774506.842 332.50
LOCATION L0045009     VOLUME   471926.158 3774515.542 332.59
LOCATION L0045010     VOLUME   471926.095 3774524.242 332.68
LOCATION L0045011     VOLUME   471926.033 3774532.942 332.77
LOCATION L0045012     VOLUME   471925.970 3774541.641 332.89
LOCATION L0045013     VOLUME   471925.908 3774550.341 333.00
LOCATION L0045014     VOLUME   471925.845 3774559.041 333.12
LOCATION L0045015     VOLUME   471925.782 3774567.741 333.22
LOCATION L0045016     VOLUME   471925.720 3774576.441 333.29
LOCATION L0045017     VOLUME   471925.657 3774585.140 333.36
LOCATION L0045018     VOLUME   471925.595 3774593.840 333.43
LOCATION L0045019     VOLUME   471925.532 3774602.540 333.49
LOCATION L0045020     VOLUME   471925.469 3774611.240 333.56
LOCATION L0045021     VOLUME   471925.407 3774619.939 333.62
LOCATION L0045022     VOLUME   471925.344 3774628.639 333.70
LOCATION L0045023     VOLUME   471925.282 3774637.339 333.79
LOCATION L0045024     VOLUME   471925.219 3774646.039 333.88
LOCATION L0045025     VOLUME   471925.157 3774654.739 333.98
LOCATION L0045026     VOLUME   471925.094 3774663.438 334.04
LOCATION L0045027     VOLUME   471925.031 3774672.138 334.10
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LOCATION L0045030     VOLUME   471924.844 3774698.237 334.25
LOCATION L0045031     VOLUME   471924.781 3774706.937 334.28
LOCATION L0045032     VOLUME   471924.718 3774715.637 334.31
LOCATION L0045033     VOLUME   471924.656 3774724.337 334.34
LOCATION L0045034     VOLUME   471924.593 3774733.037 334.37
LOCATION L0045035     VOLUME   471924.531 3774741.736 334.41
LOCATION L0045036     VOLUME   471924.468 3774750.436 334.45
LOCATION L0045037     VOLUME   471924.405 3774759.136 334.50
LOCATION L0045038     VOLUME   471924.343 3774767.836 334.56
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LOCATION	L0045043	VOLUME	471924.030	3774811.334	334.76
LOCATION	L0045044	VOLUME	471923.967	3774820.034	334.83
LOCATION	L0045045	VOLUME	471923.905	3774828.734	334.90
LOCATION	L0045046	VOLUME	471923.842	3774837.434	334.96
LOCATION	L0045047	VOLUME	471923.780	3774846.134	335.04
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LOCATION	L0045050	VOLUME	471923.592	3774872.233	335.29
LOCATION	L0045051	VOLUME	471923.529	3774880.933	335.36
LOCATION	L0045052	VOLUME	471923.467	3774889.632	335.43
LOCATION	L0045053	VOLUME	471923.404	3774898.332	335.51
LOCATION	L0045054	VOLUME	471923.341	3774907.032	335.59
LOCATION	L0045055	VOLUME	471923.279	3774915.732	335.68
LOCATION	L0045056	VOLUME	471923.216	3774924.432	335.77
LOCATION	L0045057	VOLUME	471923.154	3774933.131	335.86
LOCATION	L0045058	VOLUME	471923.091	3774941.831	335.93
LOCATION	L0045059	VOLUME	471923.029	3774950.531	336.01
LOCATION	L0045060	VOLUME	471922.966	3774959.231	336.08
LOCATION	L0045061	VOLUME	471922.903	3774967.930	336.20
LOCATION	L0045062	VOLUME	471922.841	3774976.630	336.37
LOCATION	L0045063	VOLUME	471922.778	3774985.330	336.54
LOCATION	L0045064	VOLUME	471922.716	3774994.030	336.70
LOCATION	L0045065	VOLUME	471922.653	3775002.730	337.18
LOCATION	L0045066	VOLUME	471922.590	3775011.429	337.70
LOCATION	L0045067	VOLUME	471922.528	3775020.129	338.21
LOCATION	L0045068	VOLUME	471922.465	3775028.829	338.44
LOCATION	L0045069	VOLUME	471922.403	3775037.529	338.09
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LOCATION	L0045076	VOLUME	471983.037	3775037.518	340.35
LOCATION	L0045077	VOLUME	471991.737	3775037.478	340.26
LOCATION	L0045078	VOLUME	472000.437	3775037.439	339.79
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LOCATION	L0045080	VOLUME	472017.836	3775037.360	338.52
LOCATION	L0045081	VOLUME	472026.536	3775037.321	337.46
LOCATION	L0045082	VOLUME	472035.236	3775037.281	336.40
LOCATION	L0045083	VOLUME	472043.936	3775037.242	335.67
LOCATION	L0045084	VOLUME	472052.636	3775037.203	335.15
LOCATION	L0045085	VOLUME	472061.336	3775037.163	334.64
LOCATION	L0045086	VOLUME	472070.036	3775037.124	334.44

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LOCATION L0045088     VOLUME   472087.436 3775037.045 334.38
LOCATION L0045089     VOLUME   472096.136 3775037.006 334.38
LOCATION L0045090     VOLUME   472104.835 3775036.967 334.39
LOCATION L0045091     VOLUME   472113.535 3775036.927 334.41
LOCATION L0045092     VOLUME   472122.235 3775036.888 334.99
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LOCATION L0045099     VOLUME   472183.135 3775036.612 335.92
LOCATION L0045100     VOLUME   472191.835 3775036.573 335.53
LOCATION L0045101     VOLUME   472200.534 3775036.533 335.24
LOCATION L0045102     VOLUME   472209.234 3775036.494 334.95
LOCATION L0045103     VOLUME   472217.934 3775036.455 334.66
LOCATION L0045104     VOLUME   472226.634 3775036.415 334.50
LOCATION L0045105     VOLUME   472235.334 3775036.376 334.34
LOCATION L0045106     VOLUME   472244.034 3775036.337 334.19
LOCATION L0045107     VOLUME   472250.325 3775038.708 334.17
LOCATION L0045108     VOLUME   472250.293 3775047.408 334.23
LOCATION L0045109     VOLUME   472250.261 3775056.108 334.30
LOCATION L0045110     VOLUME   472250.230 3775064.808 334.40
LOCATION L0045111     VOLUME   472250.198 3775073.508 334.51
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LOCATION L0045128     VOLUME   472249.657 3775221.407 336.24
LOCATION L0045129     VOLUME   472249.625 3775230.107 336.31
LOCATION L0045130     VOLUME   472249.593 3775238.807 336.38
LOCATION L0045131     VOLUME   472249.562 3775247.507 336.45
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LOCATION L0045134     VOLUME   472249.466 3775273.607 336.66
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LOCATION L0045136     VOLUME   472249.403 3775291.007 336.86
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LOCATION L0045143     VOLUME   472249.180 3775351.906 337.50
LOCATION L0045144     VOLUME   472249.148 3775360.606 337.60
LOCATION L0045145     VOLUME   472249.116 3775369.306 337.70
LOCATION L0045146     VOLUME   472249.084 3775378.006 337.80
LOCATION L0045147     VOLUME   472249.053 3775386.706 337.89
LOCATION L0045148     VOLUME   472249.021 3775395.406 337.99
LOCATION L0045149     VOLUME   472248.989 3775404.106 338.07
LOCATION L0045150     VOLUME   472248.957 3775412.806 338.15
LOCATION L0045151     VOLUME   472248.925 3775421.506 338.22
LOCATION L0045152     VOLUME   472248.894 3775430.206 338.31
LOCATION L0045153     VOLUME   472248.862 3775438.906 338.40
LOCATION L0045154     VOLUME   472248.830 3775447.606 338.48
LOCATION L0045155     VOLUME   472248.798 3775456.305 338.57
LOCATION L0045156     VOLUME   472248.766 3775465.005 338.67
LOCATION L0045157     VOLUME   472248.734 3775473.705 338.76
LOCATION L0045158     VOLUME   472248.703 3775482.405 338.86
LOCATION L0045159     VOLUME   472248.671 3775491.105 338.95
LOCATION L0045160     VOLUME   472248.639 3775499.805 339.03
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LOCATION L0045177     VOLUME   472248.098 3775647.704 341.14
LOCATION L0045178     VOLUME   472244.990 3775653.463 341.24
LOCATION L0045179     VOLUME   472236.300 3775653.887 341.57
LOCATION L0045180     VOLUME   472227.611 3775654.311 341.90
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LOCATION L0045182     VOLUME   472210.231 3775655.159 342.76
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   LOCATION L0045185     VOLUME   472184.162 3775656.431 344.49
   LOCATION L0045186     VOLUME   472175.473 3775656.854 345.19
   LOCATION L0045187     VOLUME   472166.783 3775657.278 345.56
   LOCATION L0045188     VOLUME   472158.093 3775657.702 344.68
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** End of LINE VOLUME Source ID = SLINE1
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC Haul 2
** PREFIX
** Length of Side = 8.70
** Configuration = Adjacent
** Emission Rate = 0.00011
** Vertical Dimension = 6.12
** SZINIT = 2.85
** Nodes = 5
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   LOCATION L0045193     VOLUME   471982.130 3776057.301 345.92
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   LOCATION L0045196     VOLUME   471956.030 3776057.135 346.14
   LOCATION L0045197     VOLUME   471947.330 3776057.079 346.22
   LOCATION L0045198     VOLUME   471938.631 3776057.024 346.30
   LOCATION L0045199     VOLUME   471929.931 3776056.968 346.38
   LOCATION L0045200     VOLUME   471921.231 3776056.913 346.46
   LOCATION L0045201     VOLUME   471912.531 3776056.857 346.54
   LOCATION L0045202     VOLUME   471903.831 3776056.801 346.63
   LOCATION L0045203     VOLUME   471895.132 3776056.746 346.72
   LOCATION L0045204     VOLUME   471886.432 3776056.690 346.80
   LOCATION L0045205     VOLUME   471877.732 3776056.635 346.89
   LOCATION L0045206     VOLUME   471869.032 3776056.579 346.98
   LOCATION L0045207     VOLUME   471860.332 3776056.524 347.06
   LOCATION L0045208     VOLUME   471851.632 3776056.468 347.12
   LOCATION L0045209     VOLUME   471842.933 3776056.413 347.18
   LOCATION L0045210     VOLUME   471834.233 3776056.357 347.25
   LOCATION L0045211     VOLUME   471825.533 3776056.302 347.31
   LOCATION L0045212     VOLUME   471816.833 3776056.246 347.37
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LOCATION L0045215     VOLUME   471790.734 3776056.080 347.53
LOCATION L0045216     VOLUME   471782.034 3776056.024 347.57
LOCATION L0045217     VOLUME   471773.334 3776055.969 347.61
LOCATION L0045218     VOLUME   471764.634 3776055.913 347.64
LOCATION L0045219     VOLUME   471755.934 3776055.857 347.69
LOCATION L0045220     VOLUME   471747.235 3776055.802 347.73
LOCATION L0045221     VOLUME   471741.148 3776053.185 347.74
LOCATION L0045222     VOLUME   471741.263 3776044.485 347.65
LOCATION L0045223     VOLUME   471741.379 3776035.786 347.55
LOCATION L0045224     VOLUME   471741.495 3776027.087 347.45
LOCATION L0045225     VOLUME   471741.611 3776018.388 347.36
LOCATION L0045226     VOLUME   471741.727 3776009.688 347.25
LOCATION L0045227     VOLUME   471741.843 3776000.989 347.14
LOCATION L0045228     VOLUME   471741.959 3775992.290 347.03
LOCATION L0045229     VOLUME   471742.075 3775983.591 346.92
LOCATION L0045230     VOLUME   471742.191 3775974.892 346.83
LOCATION L0045231     VOLUME   471742.307 3775966.192 346.75
LOCATION L0045232     VOLUME   471742.423 3775957.493 346.66
LOCATION L0045233     VOLUME   471742.538 3775948.794 346.58
LOCATION L0045234     VOLUME   471742.654 3775940.095 346.54
LOCATION L0045235     VOLUME   471742.770 3775931.395 346.50
LOCATION L0045236     VOLUME   471742.886 3775922.696 346.46
LOCATION L0045237     VOLUME   471743.002 3775913.997 346.41
LOCATION L0045238     VOLUME   471743.118 3775905.298 346.35
LOCATION L0045239     VOLUME   471743.234 3775896.598 346.29
LOCATION L0045240     VOLUME   471743.350 3775887.899 346.23
LOCATION L0045241     VOLUME   471743.466 3775879.200 346.16
LOCATION L0045242     VOLUME   471743.582 3775870.501 346.09
LOCATION L0045243     VOLUME   471743.698 3775861.802 346.01
LOCATION L0045244     VOLUME   471743.813 3775853.102 345.94
LOCATION L0045245     VOLUME   471743.929 3775844.403 345.87
LOCATION L0045246     VOLUME   471744.045 3775835.704 345.80
LOCATION L0045247     VOLUME   471744.161 3775827.005 345.72
LOCATION L0045248     VOLUME   471744.277 3775818.305 345.64
LOCATION L0045249     VOLUME   471744.393 3775809.606 345.55
LOCATION L0045250     VOLUME   471744.509 3775800.907 345.47
LOCATION L0045251     VOLUME   471744.625 3775792.208 345.39
LOCATION L0045252     VOLUME   471744.741 3775783.508 345.30
LOCATION L0045253     VOLUME   471744.857 3775774.809 345.22
LOCATION L0045254     VOLUME   471744.973 3775766.110 345.14
LOCATION L0045255     VOLUME   471745.088 3775757.411 345.07
LOCATION L0045256     VOLUME   471745.204 3775748.712 344.99
LOCATION L0045257     VOLUME   471745.320 3775740.012 344.91
LOCATION L0045258     VOLUME   471745.436 3775731.313 344.84
LOCATION L0045259     VOLUME   471745.552 3775722.614 344.76
LOCATION L0045260     VOLUME   471745.668 3775713.915 344.69
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LOCATION L0045261     VOLUME   471745.784 3775705.215 344.62
LOCATION L0045262     VOLUME   471745.900 3775696.516 344.53
LOCATION L0045263     VOLUME   471746.016 3775687.817 344.44
LOCATION L0045264     VOLUME   471746.132 3775679.118 344.35
LOCATION L0045265     VOLUME   471746.248 3775670.419 344.26
LOCATION L0045266     VOLUME   471746.363 3775661.719 344.18
LOCATION L0045267     VOLUME   471746.479 3775653.020 344.10
LOCATION L0045268     VOLUME   471751.322 3775649.359 344.04
LOCATION L0045269     VOLUME   471760.011 3775649.797 343.99
LOCATION L0045270     VOLUME   471768.700 3775650.235 343.94
LOCATION L0045271     VOLUME   471777.389 3775650.673 343.89
LOCATION L0045272     VOLUME   471786.078 3775651.111 343.85
LOCATION L0045273     VOLUME   471794.767 3775651.549 343.88
LOCATION L0045274     VOLUME   471803.456 3775651.987 343.91
LOCATION L0045275     VOLUME   471812.145 3775652.425 343.96
LOCATION L0045276     VOLUME   471820.834 3775652.863 344.06
LOCATION L0045277     VOLUME   471829.523 3775653.301 344.15
LOCATION L0045278     VOLUME   471838.212 3775653.739 344.24
LOCATION L0045279     VOLUME   471846.901 3775654.177 344.32
LOCATION L0045280     VOLUME   471855.590 3775654.615 344.40
LOCATION L0045281     VOLUME   471864.279 3775655.053 344.52
LOCATION L0045282     VOLUME   471872.968 3775655.491 344.69
LOCATION L0045283     VOLUME   471881.657 3775655.929 344.85
LOCATION L0045284     VOLUME   471890.346 3775656.367 345.04
LOCATION L0045285     VOLUME   471899.034 3775656.805 345.25
LOCATION L0045286     VOLUME   471907.723 3775657.243 345.46
LOCATION L0045287     VOLUME   471916.412 3775657.681 345.67
LOCATION L0045288     VOLUME   471925.101 3775658.119 345.90
LOCATION L0045289     VOLUME   471933.790 3775658.557 346.12
LOCATION L0045290     VOLUME   471942.479 3775658.995 346.36
LOCATION L0045291     VOLUME   471951.168 3775659.433 346.62
LOCATION L0045292     VOLUME   471959.857 3775659.871 346.87
LOCATION L0045293     VOLUME   471968.546 3775660.309 347.12
LOCATION L0045294     VOLUME   471977.235 3775660.747 347.37
LOCATION L0045295     VOLUME   471985.924 3775661.185 347.62
LOCATION L0045296     VOLUME   471994.621 3775661.410 347.28
LOCATION L0045297     VOLUME   472003.319 3775661.592 346.58
LOCATION L0045298     VOLUME   472012.017 3775661.775 345.87
LOCATION L0045299     VOLUME   472020.715 3775661.958 344.83
LOCATION L0045300     VOLUME   472029.413 3775662.141 343.63
LOCATION L0045301     VOLUME   472038.111 3775662.324 342.45
LOCATION L0045302     VOLUME   472046.809 3775662.507 341.54
LOCATION L0045303     VOLUME   472055.507 3775662.690 340.74
LOCATION L0045304     VOLUME   472064.205 3775662.873 339.94
LOCATION L0045305     VOLUME   472072.903 3775663.056 339.49
LOCATION L0045306     VOLUME   472081.602 3775663.239 339.13
LOCATION L0045307     VOLUME   472090.300 3775663.421 338.77
LOCATION L0045308     VOLUME   472098.998 3775663.604 338.73
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   LOCATION L0045310     VOLUME   472116.394 3775663.970 338.78
   LOCATION L0045311     VOLUME   472125.092 3775664.153 340.07
** End of LINE VOLUME Source ID = SLINE2
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE3
** DESCRSRC Haul 3
** PREFIX
** Length of Side = 8.70
** Configuration = Adjacent
** Emission Rate = 0.00025
** Vertical Dimension = 6.12
** SZINIT = 2.85
** Nodes = 15
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** 471409.738, 3776866.626, 357.52, 0.00, 4.05
** 471283.762, 3776867.527, 359.23, 0.00, 4.05
** 471069.966, 3776869.056, 362.02, 0.00, 4.05
** 471061.573, 3777101.939, 362.70, 0.00, 4.05
** 471028.005, 3777145.998, 363.22, 0.00, 4.05
** 470954.573, 3777187.959, 364.31, 0.00, 4.05
** 470891.632, 3777217.331, 365.45, 0.00, 4.05
** 470841.279, 3777276.077, 367.76, 0.00, 4.05
** 470709.102, 3777458.607, 372.62, 0.00, 4.05
** 470692.317, 3777525.744, 376.52, 0.00, 4.05
** 470755.259, 3777676.804, 379.55, 0.00, 4.05
** 470837.082, 3777754.431, 374.85, 0.00, 4.05
** 470853.867, 3777767.020, 376.91, 0.00, 4.05
** 470891.632, 3777779.608, 377.19, 0.00, 4.05
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   LOCATION L0045313     VOLUME   471410.281 3776998.400 358.16
   LOCATION L0045314     VOLUME   471410.245 3776989.700 358.11
   LOCATION L0045315     VOLUME   471410.210 3776981.000 358.05
   LOCATION L0045316     VOLUME   471410.174 3776972.300 357.99
   LOCATION L0045317     VOLUME   471410.138 3776963.600 357.96
   LOCATION L0045318     VOLUME   471410.102 3776954.900 357.93
   LOCATION L0045319     VOLUME   471410.066 3776946.200 357.91
   LOCATION L0045320     VOLUME   471410.030 3776937.500 357.88
   LOCATION L0045321     VOLUME   471409.994 3776928.800 357.83
   LOCATION L0045322     VOLUME   471409.958 3776920.100 357.77
   LOCATION L0045323     VOLUME   471409.923 3776911.400 357.72
   LOCATION L0045324     VOLUME   471409.887 3776902.700 357.66
   LOCATION L0045325     VOLUME   471409.851 3776894.001 357.59
   LOCATION L0045326     VOLUME   471409.815 3776885.301 357.53
   LOCATION L0045327     VOLUME   471409.779 3776876.601 357.46
   LOCATION L0045328     VOLUME   471409.743 3776867.901 357.41
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LOCATION	L0045330	VOLUME	471393.613	3776866.741	357.65
LOCATION	L0045331	VOLUME	471384.913	3776866.803	357.79
LOCATION	L0045332	VOLUME	471376.214	3776866.866	357.92
LOCATION	L0045333	VOLUME	471367.514	3776866.928	358.01
LOCATION	L0045334	VOLUME	471358.814	3776866.990	358.11
LOCATION	L0045335	VOLUME	471350.114	3776867.052	358.21
LOCATION	L0045336	VOLUME	471341.415	3776867.114	358.31
LOCATION	L0045337	VOLUME	471332.715	3776867.177	358.42
LOCATION	L0045338	VOLUME	471324.015	3776867.239	358.54
LOCATION	L0045339	VOLUME	471315.315	3776867.301	358.68
LOCATION	L0045340	VOLUME	471306.615	3776867.363	358.83
LOCATION	L0045341	VOLUME	471297.916	3776867.426	358.96
LOCATION	L0045342	VOLUME	471289.216	3776867.488	359.06
LOCATION	L0045343	VOLUME	471280.516	3776867.550	359.16
LOCATION	L0045344	VOLUME	471271.816	3776867.612	359.27
LOCATION	L0045345	VOLUME	471263.117	3776867.674	359.37
LOCATION	L0045346	VOLUME	471254.417	3776867.737	359.47
LOCATION	L0045347	VOLUME	471245.717	3776867.799	359.58
LOCATION	L0045348	VOLUME	471237.017	3776867.861	359.69
LOCATION	L0045349	VOLUME	471228.317	3776867.923	359.81
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LOCATION	L0045352	VOLUME	471202.218	3776868.110	360.18
LOCATION	L0045353	VOLUME	471193.518	3776868.172	360.30
LOCATION	L0045354	VOLUME	471184.819	3776868.234	360.42
LOCATION	L0045355	VOLUME	471176.119	3776868.297	360.54
LOCATION	L0045356	VOLUME	471167.419	3776868.359	360.66
LOCATION	L0045357	VOLUME	471158.719	3776868.421	360.78
LOCATION	L0045358	VOLUME	471150.019	3776868.483	360.91
LOCATION	L0045359	VOLUME	471141.320	3776868.545	361.03
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LOCATION	L0045361	VOLUME	471123.920	3776868.670	361.27
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LOCATION	L0045364	VOLUME	471097.821	3776868.857	361.62
LOCATION	L0045365	VOLUME	471089.121	3776868.919	361.74
LOCATION	L0045366	VOLUME	471080.421	3776868.981	361.86
LOCATION	L0045367	VOLUME	471071.721	3776869.043	361.98
LOCATION	L0045368	VOLUME	471069.716	3776875.995	362.06
LOCATION	L0045369	VOLUME	471069.402	3776884.690	362.10
LOCATION	L0045370	VOLUME	471069.089	3776893.384	362.15
LOCATION	L0045371	VOLUME	471068.776	3776902.079	362.19
LOCATION	L0045372	VOLUME	471068.462	3776910.773	362.23
LOCATION	L0045373	VOLUME	471068.149	3776919.467	362.26
LOCATION	L0045374	VOLUME	471067.836	3776928.162	362.29
LOCATION	L0045375	VOLUME	471067.522	3776936.856	362.31
LOCATION	L0045376	VOLUME	471067.209	3776945.550	362.35

LOCATION	L0045377	VOLUME	471066.896	3776954.245	362.39
LOCATION	L0045378	VOLUME	471066.582	3776962.939	362.42
LOCATION	L0045379	VOLUME	471066.269	3776971.633	362.46
LOCATION	L0045380	VOLUME	471065.956	3776980.328	362.48
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LOCATION	L0045384	VOLUME	471064.703	3777015.105	362.58
LOCATION	L0045385	VOLUME	471064.389	3777023.799	362.59
LOCATION	L0045386	VOLUME	471064.076	3777032.494	362.61
LOCATION	L0045387	VOLUME	471063.763	3777041.188	362.63
LOCATION	L0045388	VOLUME	471063.449	3777049.883	362.66
LOCATION	L0045389	VOLUME	471063.136	3777058.577	362.68
LOCATION	L0045390	VOLUME	471062.823	3777067.271	362.70
LOCATION	L0045391	VOLUME	471062.509	3777075.966	362.73
LOCATION	L0045392	VOLUME	471062.196	3777084.660	362.75
LOCATION	L0045393	VOLUME	471061.883	3777093.354	362.78
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LOCATION	L0045395	VOLUME	471056.234	3777108.947	362.91
LOCATION	L0045396	VOLUME	471050.962	3777115.867	363.02
LOCATION	L0045397	VOLUME	471045.689	3777122.787	363.12
LOCATION	L0045398	VOLUME	471040.417	3777129.707	363.19
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LOCATION	L0045401	VOLUME	471023.125	3777148.786	363.40
LOCATION	L0045402	VOLUME	471015.572	3777153.103	363.48
LOCATION	L0045403	VOLUME	471008.018	3777157.419	363.56
LOCATION	L0045404	VOLUME	471000.464	3777161.735	363.66
LOCATION	L0045405	VOLUME	470992.910	3777166.052	363.77
LOCATION	L0045406	VOLUME	470985.357	3777170.368	363.89
LOCATION	L0045407	VOLUME	470977.803	3777174.685	364.01
LOCATION	L0045408	VOLUME	470970.249	3777179.001	364.12
LOCATION	L0045409	VOLUME	470962.696	3777183.317	364.24
LOCATION	L0045410	VOLUME	470955.142	3777187.634	364.36
LOCATION	L0045411	VOLUME	470947.283	3777191.361	364.48
LOCATION	L0045412	VOLUME	470939.399	3777195.040	364.60
LOCATION	L0045413	VOLUME	470931.515	3777198.719	364.71
LOCATION	L0045414	VOLUME	470923.632	3777202.398	364.83
LOCATION	L0045415	VOLUME	470915.748	3777206.077	364.96
LOCATION	L0045416	VOLUME	470907.864	3777209.756	365.13
LOCATION	L0045417	VOLUME	470899.980	3777213.436	365.30
LOCATION	L0045418	VOLUME	470892.096	3777217.115	365.52
LOCATION	L0045419	VOLUME	470886.304	3777223.548	365.88
LOCATION	L0045420	VOLUME	470880.642	3777230.153	366.23
LOCATION	L0045421	VOLUME	470874.980	3777236.759	366.56
LOCATION	L0045422	VOLUME	470869.318	3777243.364	366.86
LOCATION	L0045423	VOLUME	470863.656	3777249.970	367.13
LOCATION	L0045424	VOLUME	470857.994	3777256.575	367.36

LOCATION	L0045425	VOLUME	470852.332	3777263.181	367.53
LOCATION	L0045426	VOLUME	470846.670	3777269.786	367.65
LOCATION	L0045427	VOLUME	470841.035	3777276.413	367.72
LOCATION	L0045428	VOLUME	470835.933	3777283.459	367.75
LOCATION	L0045429	VOLUME	470830.830	3777290.506	367.77
LOCATION	L0045430	VOLUME	470825.727	3777297.552	367.83
LOCATION	L0045431	VOLUME	470820.625	3777304.599	367.91
LOCATION	L0045432	VOLUME	470815.522	3777311.645	368.00
LOCATION	L0045433	VOLUME	470810.419	3777318.692	368.08
LOCATION	L0045434	VOLUME	470805.317	3777325.738	368.19
LOCATION	L0045435	VOLUME	470800.214	3777332.785	368.34
LOCATION	L0045436	VOLUME	470795.111	3777339.831	368.51
LOCATION	L0045437	VOLUME	470790.009	3777346.878	368.66
LOCATION	L0045438	VOLUME	470784.906	3777353.924	368.75
LOCATION	L0045439	VOLUME	470779.804	3777360.971	368.91
LOCATION	L0045440	VOLUME	470774.701	3777368.017	369.13
LOCATION	L0045441	VOLUME	470769.598	3777375.064	369.29
LOCATION	L0045442	VOLUME	470764.496	3777382.110	369.39
LOCATION	L0045443	VOLUME	470759.393	3777389.157	369.51
LOCATION	L0045444	VOLUME	470754.290	3777396.203	369.76
LOCATION	L0045445	VOLUME	470749.188	3777403.250	370.06
LOCATION	L0045446	VOLUME	470744.085	3777410.296	370.19
LOCATION	L0045447	VOLUME	470738.982	3777417.343	370.31
LOCATION	L0045448	VOLUME	470733.880	3777424.389	370.50
LOCATION	L0045449	VOLUME	470728.777	3777431.436	370.94
LOCATION	L0045450	VOLUME	470723.675	3777438.482	371.38
LOCATION	L0045451	VOLUME	470718.572	3777445.529	371.92
LOCATION	L0045452	VOLUME	470713.469	3777452.575	372.51
LOCATION	L0045453	VOLUME	470708.798	3777459.823	372.64
LOCATION	L0045454	VOLUME	470706.688	3777468.263	372.93
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LOCATION	L0045461	VOLUME	470692.952	3777527.267	376.29
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LOCATION	L0045463	VOLUME	470699.644	3777543.328	375.67
LOCATION	L0045464	VOLUME	470702.990	3777551.359	375.50
LOCATION	L0045465	VOLUME	470706.336	3777559.390	375.10
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LOCATION	L0045467	VOLUME	470713.029	3777575.452	373.62
LOCATION	L0045468	VOLUME	470716.375	3777583.482	372.84
LOCATION	L0045469	VOLUME	470719.721	3777591.513	372.92
LOCATION	L0045470	VOLUME	470723.067	3777599.544	373.51
LOCATION	L0045471	VOLUME	470726.413	3777607.575	374.28
LOCATION	L0045472	VOLUME	470729.759	3777615.605	375.23

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   LOCATION L0045474     VOLUME   470736.452 3777631.667 378.60
   LOCATION L0045475     VOLUME   470739.798 3777639.698 380.63
   LOCATION L0045476     VOLUME   470743.144 3777647.728 382.16
   LOCATION L0045477     VOLUME   470746.490 3777655.759 382.12
   LOCATION L0045478     VOLUME   470749.836 3777663.790 381.80
   LOCATION L0045479     VOLUME   470753.183 3777671.821 381.20
   LOCATION L0045480     VOLUME   470757.654 3777679.076 380.10
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   LOCATION L0045482     VOLUME   470770.277 3777691.052 376.30
   LOCATION L0045483     VOLUME   470776.589 3777697.040 374.79
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   LOCATION L0045485     VOLUME   470789.212 3777709.016 372.93
   LOCATION L0045486     VOLUME   470795.523 3777715.003 372.78
   LOCATION L0045487     VOLUME   470801.835 3777720.991 372.82
   LOCATION L0045488     VOLUME   470808.146 3777726.979 372.92
   LOCATION L0045489     VOLUME   470814.458 3777732.967 373.08
   LOCATION L0045490     VOLUME   470820.769 3777738.955 373.29
   LOCATION L0045491     VOLUME   470827.081 3777744.943 373.61
   LOCATION L0045492     VOLUME   470833.393 3777750.931 374.06
   LOCATION L0045493     VOLUME   470839.973 3777756.599 374.63
   LOCATION L0045494     VOLUME   470846.933 3777761.819 375.61
   LOCATION L0045495     VOLUME   470853.898 3777767.030 376.83
   LOCATION L0045496     VOLUME   470862.152 3777769.781 378.02
   LOCATION L0045497     VOLUME   470870.405 3777772.532 378.62
   LOCATION L0045498     VOLUME   470878.659 3777775.284 378.01
   LOCATION L0045499     VOLUME   470886.913 3777778.035 377.36
** End of LINE VOLUME Source ID = SLINE3
** Source Parameters **
** LINE VOLUME Source ID = CON3
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SRCPARAM C3045793     0.000001428      5.00      4.51      3.64
SRCPARAM C3045794     0.000001428      5.00      4.51      3.64
SRCPARAM C3045795     0.000001428      5.00      4.51      3.64
SRCPARAM C3045796     0.000001428      5.00      4.51      3.64
SRCPARAM C3045797     0.000001428      5.00      4.51      3.64
SRCPARAM C3045798     0.000001428      5.00      4.51      3.64
SRCPARAM C3045799     0.000001428      5.00      4.51      3.64
SRCPARAM C3045800     0.000001428      5.00      4.51      3.64
SRCPARAM C3045801     0.000001428      5.00      4.51      3.64
SRCPARAM C3045802     0.000001428      5.00      4.51      3.64
SRCPARAM C3045803     0.000001428      5.00      4.51      3.64
SRCPARAM C3045804     0.000001428      5.00      4.51      3.64
SRCPARAM C3045805     0.000001428      5.00      4.51      3.64
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SRCPARAM C3045806     0.000001428      5.00      4.51      3.64
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SRCPARAM C3045808     0.000001428      5.00      4.51      3.64
SRCPARAM C3045809     0.000001428      5.00      4.51      3.64
SRCPARAM C3045810     0.000001428      5.00      4.51      3.64
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SRCPARAM C3045812     0.000001428      5.00      4.51      3.64
SRCPARAM C3045813     0.000001428      5.00      4.51      3.64
SRCPARAM C3045814     0.000001428      5.00      4.51      3.64
SRCPARAM C3045815     0.000001428      5.00      4.51      3.64
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SRCPARAM C3045817     0.000001428      5.00      4.51      3.64
SRCPARAM C3045818     0.000001428      5.00      4.51      3.64
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SRCPARAM C3045821     0.000001428      5.00      4.51      3.64
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SRCPARAM C3045823     0.000001428      5.00      4.51      3.64
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SRCPARAM C3045825     0.000001428      5.00      4.51      3.64
SRCPARAM C3045826     0.000001428      5.00      4.51      3.64
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SRCPARAM C3045831     0.000001428      5.00      4.51      3.64
SRCPARAM C3045832     0.000001428      5.00      4.51      3.64
SRCPARAM C3045833     0.000001428      5.00      4.51      3.64
SRCPARAM C3045834     0.000001428      5.00      4.51      3.64
SRCPARAM C3045835     0.000001428      5.00      4.51      3.64
SRCPARAM C3045836     0.000001428      5.00      4.51      3.64
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SRCPARAM C3045838     0.000001428      5.00      4.51      3.64
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SRCPARAM C3045840     0.000001428      5.00      4.51      3.64
SRCPARAM C3045841     0.000001428      5.00      4.51      3.64
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SRCPARAM C3045843     0.000001428      5.00      4.51      3.64
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SRCPARAM C3045852     0.000001428      5.00      4.51      3.64
SRCPARAM C3045853     0.000001428      5.00      4.51      3.64
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SRCPARAM C3045860     0.000001428      5.00      4.51      3.64
SRCPARAM C3045861     0.000001428      5.00      4.51      3.64
SRCPARAM C3045862     0.000001428      5.00      4.51      3.64
SRCPARAM C3045863     0.000001428      5.00      4.51      3.64
SRCPARAM C3045864     0.000001428      5.00      4.51      3.64
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SRCPARAM C3045867     0.000001428      5.00      4.51      3.64
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SRCPARAM C3045870     0.000001428      5.00      4.51      3.64
SRCPARAM C3045871     0.000001428      5.00      4.51      3.64
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SRCPARAM C3045875     0.000001428      5.00      4.51      3.64
SRCPARAM C3045876     0.000001428      5.00      4.51      3.64
SRCPARAM C3045877     0.000001428      5.00      4.51      3.64
SRCPARAM C3045878     0.000001428      5.00      4.51      3.64
SRCPARAM C3045879     0.000001428      5.00      4.51      3.64
SRCPARAM C3045880     0.000001428      5.00      4.51      3.64
SRCPARAM C3045881     0.000001428      5.00      4.51      3.64
SRCPARAM C3045882     0.000001428      5.00      4.51      3.64
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SRCPARAM C3045885     0.000001428      5.00      4.51      3.64
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SRCPARAM C3045898     0.000001428      5.00      4.51      3.64
SRCPARAM C3045899     0.000001428      5.00      4.51      3.64
SRCPARAM C3045900     0.000001428      5.00      4.51      3.64
SRCPARAM C3045901     0.000001428      5.00      4.51      3.64
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   SRCPARAM C3045902     0.000001428      5.00      4.51      3.64
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   SRCPARAM C3045907     0.000001428      5.00      4.51      3.64
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   SRCPARAM C3045909     0.000001428      5.00      4.51      3.64
   SRCPARAM C3045910     0.000001428      5.00      4.51      3.64
   SRCPARAM C3045911     0.000001428      5.00      4.51      3.64
   SRCPARAM C3045912     0.000001428      5.00      4.51      3.64
   SRCPARAM C3045913     0.000001428      5.00      4.51      3.64
   SRCPARAM C3045914     0.000001428      5.00      4.51      3.64
   SRCPARAM C3045915     0.000001428      5.00      4.51      3.64
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** LINE VOLUME Source ID = CON4
   SRCPARAM C4045916     0.000001419      5.00      4.51      3.64
   SRCPARAM C4045917     0.000001419      5.00      4.51      3.64
   SRCPARAM C4045918     0.000001419      5.00      4.51      3.64
   SRCPARAM C4045919     0.000001419      5.00      4.51      3.64
   SRCPARAM C4045920     0.000001419      5.00      4.51      3.64
   SRCPARAM C4045921     0.000001419      5.00      4.51      3.64
   SRCPARAM C4045922     0.000001419      5.00      4.51      3.64
   SRCPARAM C4045923     0.000001419      5.00      4.51      3.64
   SRCPARAM C4045924     0.000001419      5.00      4.51      3.64
   SRCPARAM C4045925     0.000001419      5.00      4.51      3.64
   SRCPARAM C4045926     0.000001419      5.00      4.51      3.64
   SRCPARAM C4045927     0.000001419      5.00      4.51      3.64
   SRCPARAM C4045928     0.000001419      5.00      4.51      3.64
   SRCPARAM C4045929     0.000001419      5.00      4.51      3.64
   SRCPARAM C4045930     0.000001419      5.00      4.51      3.64
   SRCPARAM C4045931     0.000001419      5.00      4.51      3.64
   SRCPARAM C4045932     0.000001419      5.00      4.51      3.64
   SRCPARAM C4045933     0.000001419      5.00      4.51      3.64
   SRCPARAM C4045934     0.000001419      5.00      4.51      3.64
   SRCPARAM C4045935     0.000001419      5.00      4.51      3.64
   SRCPARAM C4045936     0.000001419      5.00      4.51      3.64
   SRCPARAM C4045937     0.000001419      5.00      4.51      3.64
   SRCPARAM C4045938     0.000001419      5.00      4.51      3.64
   SRCPARAM C4045939     0.000001419      5.00      4.51      3.64
   SRCPARAM C4045940     0.000001419      5.00      4.51      3.64
   SRCPARAM C4045941     0.000001419      5.00      4.51      3.64
   SRCPARAM C4045942     0.000001419      5.00      4.51      3.64
   SRCPARAM C4045943     0.000001419      5.00      4.51      3.64
   SRCPARAM C4045944     0.000001419      5.00      4.51      3.64
   SRCPARAM C4045945     0.000001419      5.00      4.51      3.64
   SRCPARAM C4045946     0.000001419      5.00      4.51      3.64
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** LINE VOLUME Source ID = SLINE1
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   SRCPARAM L0044989     0.000001436      3.06      4.05      2.85
   SRCPARAM L0044990     0.000001436      3.06      4.05      2.85
   SRCPARAM L0044991     0.000001436      3.06      4.05      2.85
   SRCPARAM L0044992     0.000001436      3.06      4.05      2.85
   SRCPARAM L0044993     0.000001436      3.06      4.05      2.85
   SRCPARAM L0044994     0.000001436      3.06      4.05      2.85
   SRCPARAM L0044995     0.000001436      3.06      4.05      2.85
   SRCPARAM L0044996     0.000001436      3.06      4.05      2.85
   SRCPARAM L0044997     0.000001436      3.06      4.05      2.85
   SRCPARAM L0044998     0.000001436      3.06      4.05      2.85
   SRCPARAM L0044999     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045000     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045001     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045002     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045003     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045004     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045005     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045006     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045007     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045008     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045009     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045010     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045011     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045012     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045013     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045014     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045015     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045016     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045017     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045018     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045019     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045020     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045021     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045022     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045023     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045024     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045025     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045026     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045027     0.000001436      3.06      4.05      2.85
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   SRCPARAM L0045029     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045030     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045031     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045032     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045033     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045034     0.000001436      3.06      4.05      2.85
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SRCPARAM L0045037     0.000001436      3.06      4.05      2.85
SRCPARAM L0045038     0.000001436      3.06      4.05      2.85
SRCPARAM L0045039     0.000001436      3.06      4.05      2.85
SRCPARAM L0045040     0.000001436      3.06      4.05      2.85
SRCPARAM L0045041     0.000001436      3.06      4.05      2.85
SRCPARAM L0045042     0.000001436      3.06      4.05      2.85
SRCPARAM L0045043     0.000001436      3.06      4.05      2.85
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SRCPARAM L0045049     0.000001436      3.06      4.05      2.85
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SRCPARAM L0045053     0.000001436      3.06      4.05      2.85
SRCPARAM L0045054     0.000001436      3.06      4.05      2.85
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SRCPARAM L0045060     0.000001436      3.06      4.05      2.85
SRCPARAM L0045061     0.000001436      3.06      4.05      2.85
SRCPARAM L0045062     0.000001436      3.06      4.05      2.85
SRCPARAM L0045063     0.000001436      3.06      4.05      2.85
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SRCPARAM L0045065     0.000001436      3.06      4.05      2.85
SRCPARAM L0045066     0.000001436      3.06      4.05      2.85
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SRCPARAM L0045069     0.000001436      3.06      4.05      2.85
SRCPARAM L0045070     0.000001436      3.06      4.05      2.85
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SRCPARAM L0045075     0.000001436      3.06      4.05      2.85
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SRCPARAM L0045077     0.000001436      3.06      4.05      2.85
SRCPARAM L0045078     0.000001436      3.06      4.05      2.85
SRCPARAM L0045079     0.000001436      3.06      4.05      2.85
SRCPARAM L0045080     0.000001436      3.06      4.05      2.85
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SRCPARAM L0045082     0.000001436      3.06      4.05      2.85
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SRCPARAM L0045087     0.000001436      3.06      4.05      2.85
SRCPARAM L0045088     0.000001436      3.06      4.05      2.85
SRCPARAM L0045089     0.000001436      3.06      4.05      2.85
SRCPARAM L0045090     0.000001436      3.06      4.05      2.85
SRCPARAM L0045091     0.000001436      3.06      4.05      2.85
SRCPARAM L0045092     0.000001436      3.06      4.05      2.85
SRCPARAM L0045093     0.000001436      3.06      4.05      2.85
SRCPARAM L0045094     0.000001436      3.06      4.05      2.85
SRCPARAM L0045095     0.000001436      3.06      4.05      2.85
SRCPARAM L0045096     0.000001436      3.06      4.05      2.85
SRCPARAM L0045097     0.000001436      3.06      4.05      2.85
SRCPARAM L0045098     0.000001436      3.06      4.05      2.85
SRCPARAM L0045099     0.000001436      3.06      4.05      2.85
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SRCPARAM L0045118     0.000001436      3.06      4.05      2.85
SRCPARAM L0045119     0.000001436      3.06      4.05      2.85
SRCPARAM L0045120     0.000001436      3.06      4.05      2.85
SRCPARAM L0045121     0.000001436      3.06      4.05      2.85
SRCPARAM L0045122     0.000001436      3.06      4.05      2.85
SRCPARAM L0045123     0.000001436      3.06      4.05      2.85
SRCPARAM L0045124     0.000001436      3.06      4.05      2.85
SRCPARAM L0045125     0.000001436      3.06      4.05      2.85
SRCPARAM L0045126     0.000001436      3.06      4.05      2.85
SRCPARAM L0045127     0.000001436      3.06      4.05      2.85
SRCPARAM L0045128     0.000001436      3.06      4.05      2.85
SRCPARAM L0045129     0.000001436      3.06      4.05      2.85
SRCPARAM L0045130     0.000001436      3.06      4.05      2.85
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SRCPARAM L0045131     0.000001436      3.06      4.05      2.85
SRCPARAM L0045132     0.000001436      3.06      4.05      2.85
SRCPARAM L0045133     0.000001436      3.06      4.05      2.85
SRCPARAM L0045134     0.000001436      3.06      4.05      2.85
SRCPARAM L0045135     0.000001436      3.06      4.05      2.85
SRCPARAM L0045136     0.000001436      3.06      4.05      2.85
SRCPARAM L0045137     0.000001436      3.06      4.05      2.85
SRCPARAM L0045138     0.000001436      3.06      4.05      2.85
SRCPARAM L0045139     0.000001436      3.06      4.05      2.85
SRCPARAM L0045140     0.000001436      3.06      4.05      2.85
SRCPARAM L0045141     0.000001436      3.06      4.05      2.85
SRCPARAM L0045142     0.000001436      3.06      4.05      2.85
SRCPARAM L0045143     0.000001436      3.06      4.05      2.85
SRCPARAM L0045144     0.000001436      3.06      4.05      2.85
SRCPARAM L0045145     0.000001436      3.06      4.05      2.85
SRCPARAM L0045146     0.000001436      3.06      4.05      2.85
SRCPARAM L0045147     0.000001436      3.06      4.05      2.85
SRCPARAM L0045148     0.000001436      3.06      4.05      2.85
SRCPARAM L0045149     0.000001436      3.06      4.05      2.85
SRCPARAM L0045150     0.000001436      3.06      4.05      2.85
SRCPARAM L0045151     0.000001436      3.06      4.05      2.85
SRCPARAM L0045152     0.000001436      3.06      4.05      2.85
SRCPARAM L0045153     0.000001436      3.06      4.05      2.85
SRCPARAM L0045154     0.000001436      3.06      4.05      2.85
SRCPARAM L0045155     0.000001436      3.06      4.05      2.85
SRCPARAM L0045156     0.000001436      3.06      4.05      2.85
SRCPARAM L0045157     0.000001436      3.06      4.05      2.85
SRCPARAM L0045158     0.000001436      3.06      4.05      2.85
SRCPARAM L0045159     0.000001436      3.06      4.05      2.85
SRCPARAM L0045160     0.000001436      3.06      4.05      2.85
SRCPARAM L0045161     0.000001436      3.06      4.05      2.85
SRCPARAM L0045162     0.000001436      3.06      4.05      2.85
SRCPARAM L0045163     0.000001436      3.06      4.05      2.85
SRCPARAM L0045164     0.000001436      3.06      4.05      2.85
SRCPARAM L0045165     0.000001436      3.06      4.05      2.85
SRCPARAM L0045166     0.000001436      3.06      4.05      2.85
SRCPARAM L0045167     0.000001436      3.06      4.05      2.85
SRCPARAM L0045168     0.000001436      3.06      4.05      2.85
SRCPARAM L0045169     0.000001436      3.06      4.05      2.85
SRCPARAM L0045170     0.000001436      3.06      4.05      2.85
SRCPARAM L0045171     0.000001436      3.06      4.05      2.85
SRCPARAM L0045172     0.000001436      3.06      4.05      2.85
SRCPARAM L0045173     0.000001436      3.06      4.05      2.85
SRCPARAM L0045174     0.000001436      3.06      4.05      2.85
SRCPARAM L0045175     0.000001436      3.06      4.05      2.85
SRCPARAM L0045176     0.000001436      3.06      4.05      2.85
SRCPARAM L0045177     0.000001436      3.06      4.05      2.85
SRCPARAM L0045178     0.000001436      3.06      4.05      2.85
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   SRCPARAM L0045179     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045180     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045181     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045182     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045183     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045184     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045185     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045186     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045187     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045188     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045189     0.000001436      3.06      4.05      2.85
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   SRCPARAM L0045192     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045193     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045194     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045195     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045196     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045197     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045198     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045199     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045200     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045201     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045202     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045203     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045204     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045205     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045206     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045207     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045208     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045209     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045210     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045211     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045212     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045213     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045214     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045215     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045216     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045217     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045218     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045219     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045220     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045221     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045222     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045223     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045224     0.0000009016      3.06      4.05      2.85
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SRCPARAM L0045225	0.0000009016	3.06	4.05	2.85
SRCPARAM L0045226	0.0000009016	3.06	4.05	2.85
SRCPARAM L0045227	0.0000009016	3.06	4.05	2.85
SRCPARAM L0045228	0.0000009016	3.06	4.05	2.85
SRCPARAM L0045229	0.0000009016	3.06	4.05	2.85
SRCPARAM L0045230	0.0000009016	3.06	4.05	2.85
SRCPARAM L0045231	0.0000009016	3.06	4.05	2.85
SRCPARAM L0045232	0.0000009016	3.06	4.05	2.85
SRCPARAM L0045233	0.0000009016	3.06	4.05	2.85
SRCPARAM L0045234	0.0000009016	3.06	4.05	2.85
SRCPARAM L0045235	0.0000009016	3.06	4.05	2.85
SRCPARAM L0045236	0.0000009016	3.06	4.05	2.85
SRCPARAM L0045237	0.0000009016	3.06	4.05	2.85
SRCPARAM L0045238	0.0000009016	3.06	4.05	2.85
SRCPARAM L0045239	0.0000009016	3.06	4.05	2.85
SRCPARAM L0045240	0.0000009016	3.06	4.05	2.85
SRCPARAM L0045241	0.0000009016	3.06	4.05	2.85
SRCPARAM L0045242	0.0000009016	3.06	4.05	2.85
SRCPARAM L0045243	0.0000009016	3.06	4.05	2.85
SRCPARAM L0045244	0.0000009016	3.06	4.05	2.85
SRCPARAM L0045245	0.0000009016	3.06	4.05	2.85
SRCPARAM L0045246	0.0000009016	3.06	4.05	2.85
SRCPARAM L0045247	0.0000009016	3.06	4.05	2.85
SRCPARAM L0045248	0.0000009016	3.06	4.05	2.85
SRCPARAM L0045249	0.0000009016	3.06	4.05	2.85
SRCPARAM L0045250	0.0000009016	3.06	4.05	2.85
SRCPARAM L0045251	0.0000009016	3.06	4.05	2.85
SRCPARAM L0045252	0.0000009016	3.06	4.05	2.85
SRCPARAM L0045253	0.0000009016	3.06	4.05	2.85
SRCPARAM L0045254	0.0000009016	3.06	4.05	2.85
SRCPARAM L0045255	0.0000009016	3.06	4.05	2.85
SRCPARAM L0045256	0.0000009016	3.06	4.05	2.85
SRCPARAM L0045257	0.0000009016	3.06	4.05	2.85
SRCPARAM L0045258	0.0000009016	3.06	4.05	2.85
SRCPARAM L0045259	0.0000009016	3.06	4.05	2.85
SRCPARAM L0045260	0.0000009016	3.06	4.05	2.85
SRCPARAM L0045261	0.0000009016	3.06	4.05	2.85
SRCPARAM L0045262	0.0000009016	3.06	4.05	2.85
SRCPARAM L0045263	0.0000009016	3.06	4.05	2.85
SRCPARAM L0045264	0.0000009016	3.06	4.05	2.85
SRCPARAM L0045265	0.0000009016	3.06	4.05	2.85
SRCPARAM L0045266	0.0000009016	3.06	4.05	2.85
SRCPARAM L0045267	0.0000009016	3.06	4.05	2.85
SRCPARAM L0045268	0.0000009016	3.06	4.05	2.85
SRCPARAM L0045269	0.0000009016	3.06	4.05	2.85
SRCPARAM L0045270	0.0000009016	3.06	4.05	2.85
SRCPARAM L0045271	0.0000009016	3.06	4.05	2.85
SRCPARAM L0045272	0.0000009016	3.06	4.05	2.85

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   SRCPARAM L0045273     0.0000009016      3.06      4.05      2.85
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   SRCPARAM L0045275     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045276     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045277     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045278     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045279     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045280     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045281     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045282     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045283     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045284     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045285     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045286     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045287     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045288     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045289     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045290     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045291     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045292     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045293     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045294     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045295     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045296     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045297     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045298     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045299     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045300     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045301     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045302     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045303     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045304     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045305     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045306     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045307     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045308     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045309     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045310     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045311     0.0000009016      3.06      4.05      2.85
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** LINE VOLUME Source ID = SLINE3
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   SRCPARAM L0045313     0.00000133      0.00      4.05      2.85
   SRCPARAM L0045314     0.00000133      0.00      4.05      2.85
   SRCPARAM L0045315     0.00000133      0.00      4.05      2.85
   SRCPARAM L0045316     0.00000133      0.00      4.05      2.85
   SRCPARAM L0045317     0.00000133      0.00      4.05      2.85
   SRCPARAM L0045318     0.00000133      0.00      4.05      2.85
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SRCPARAM L0045319     0.00000133      0.00      4.05      2.85
SRCPARAM L0045320     0.00000133      0.00      4.05      2.85
SRCPARAM L0045321     0.00000133      0.00      4.05      2.85
SRCPARAM L0045322     0.00000133      0.00      4.05      2.85
SRCPARAM L0045323     0.00000133      0.00      4.05      2.85
SRCPARAM L0045324     0.00000133      0.00      4.05      2.85
SRCPARAM L0045325     0.00000133      0.00      4.05      2.85
SRCPARAM L0045326     0.00000133      0.00      4.05      2.85
SRCPARAM L0045327     0.00000133      0.00      4.05      2.85
SRCPARAM L0045328     0.00000133      0.00      4.05      2.85
SRCPARAM L0045329     0.00000133      0.00      4.05      2.85
SRCPARAM L0045330     0.00000133      0.00      4.05      2.85
SRCPARAM L0045331     0.00000133      0.00      4.05      2.85
SRCPARAM L0045332     0.00000133      0.00      4.05      2.85
SRCPARAM L0045333     0.00000133      0.00      4.05      2.85
SRCPARAM L0045334     0.00000133      0.00      4.05      2.85
SRCPARAM L0045335     0.00000133      0.00      4.05      2.85
SRCPARAM L0045336     0.00000133      0.00      4.05      2.85
SRCPARAM L0045337     0.00000133      0.00      4.05      2.85
SRCPARAM L0045338     0.00000133      0.00      4.05      2.85
SRCPARAM L0045339     0.00000133      0.00      4.05      2.85
SRCPARAM L0045340     0.00000133      0.00      4.05      2.85
SRCPARAM L0045341     0.00000133      0.00      4.05      2.85
SRCPARAM L0045342     0.00000133      0.00      4.05      2.85
SRCPARAM L0045343     0.00000133      0.00      4.05      2.85
SRCPARAM L0045344     0.00000133      0.00      4.05      2.85
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SRCPARAM L0045350     0.00000133      0.00      4.05      2.85
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SRCPARAM L0045352     0.00000133      0.00      4.05      2.85
SRCPARAM L0045353     0.00000133      0.00      4.05      2.85
SRCPARAM L0045354     0.00000133      0.00      4.05      2.85
SRCPARAM L0045355     0.00000133      0.00      4.05      2.85
SRCPARAM L0045356     0.00000133      0.00      4.05      2.85
SRCPARAM L0045357     0.00000133      0.00      4.05      2.85
SRCPARAM L0045358     0.00000133      0.00      4.05      2.85
SRCPARAM L0045359     0.00000133      0.00      4.05      2.85
SRCPARAM L0045360     0.00000133      0.00      4.05      2.85
SRCPARAM L0045361     0.00000133      0.00      4.05      2.85
SRCPARAM L0045362     0.00000133      0.00      4.05      2.85
SRCPARAM L0045363     0.00000133      0.00      4.05      2.85
SRCPARAM L0045364     0.00000133      0.00      4.05      2.85
SRCPARAM L0045365     0.00000133      0.00      4.05      2.85
SRCPARAM L0045366     0.00000133      0.00      4.05      2.85
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SRCPARAM L0045367     0.00000133      0.00      4.05      2.85
SRCPARAM L0045368     0.00000133      0.00      4.05      2.85
SRCPARAM L0045369     0.00000133      0.00      4.05      2.85
SRCPARAM L0045370     0.00000133      0.00      4.05      2.85
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SRCPARAM L0045382     0.00000133      0.00      4.05      2.85
SRCPARAM L0045383     0.00000133      0.00      4.05      2.85
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SRCPARAM L0045389     0.00000133      0.00      4.05      2.85
SRCPARAM L0045390     0.00000133      0.00      4.05      2.85
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SRCPARAM L0045393     0.00000133      0.00      4.05      2.85
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SRCPARAM L0045396     0.00000133      0.00      4.05      2.85
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SRCPARAM L0045398     0.00000133      0.00      4.05      2.85
SRCPARAM L0045399     0.00000133      0.00      4.05      2.85
SRCPARAM L0045400     0.00000133      0.00      4.05      2.85
SRCPARAM L0045401     0.00000133      0.00      4.05      2.85
SRCPARAM L0045402     0.00000133      0.00      4.05      2.85
SRCPARAM L0045403     0.00000133      0.00      4.05      2.85
SRCPARAM L0045404     0.00000133      0.00      4.05      2.85
SRCPARAM L0045405     0.00000133      0.00      4.05      2.85
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SRCPARAM L0045408     0.00000133      0.00      4.05      2.85
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SRCPARAM L0045410     0.00000133      0.00      4.05      2.85
SRCPARAM L0045411     0.00000133      0.00      4.05      2.85
SRCPARAM L0045412     0.00000133      0.00      4.05      2.85
SRCPARAM L0045413     0.00000133      0.00      4.05      2.85
SRCPARAM L0045414     0.00000133      0.00      4.05      2.85
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SRCPARAM L0045415     0.00000133      0.00      4.05      2.85
SRCPARAM L0045416     0.00000133      0.00      4.05      2.85
SRCPARAM L0045417     0.00000133      0.00      4.05      2.85
SRCPARAM L0045418     0.00000133      0.00      4.05      2.85
SRCPARAM L0045419     0.00000133      0.00      4.05      2.85
SRCPARAM L0045420     0.00000133      0.00      4.05      2.85
SRCPARAM L0045421     0.00000133      0.00      4.05      2.85
SRCPARAM L0045422     0.00000133      0.00      4.05      2.85
SRCPARAM L0045423     0.00000133      0.00      4.05      2.85
SRCPARAM L0045424     0.00000133      0.00      4.05      2.85
SRCPARAM L0045425     0.00000133      0.00      4.05      2.85
SRCPARAM L0045426     0.00000133      0.00      4.05      2.85
SRCPARAM L0045427     0.00000133      0.00      4.05      2.85
SRCPARAM L0045428     0.00000133      0.00      4.05      2.85
SRCPARAM L0045429     0.00000133      0.00      4.05      2.85
SRCPARAM L0045430     0.00000133      0.00      4.05      2.85
SRCPARAM L0045431     0.00000133      0.00      4.05      2.85
SRCPARAM L0045432     0.00000133      0.00      4.05      2.85
SRCPARAM L0045433     0.00000133      0.00      4.05      2.85
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SRCPARAM L0045435     0.00000133      0.00      4.05      2.85
SRCPARAM L0045436     0.00000133      0.00      4.05      2.85
SRCPARAM L0045437     0.00000133      0.00      4.05      2.85
SRCPARAM L0045438     0.00000133      0.00      4.05      2.85
SRCPARAM L0045439     0.00000133      0.00      4.05      2.85
SRCPARAM L0045440     0.00000133      0.00      4.05      2.85
SRCPARAM L0045441     0.00000133      0.00      4.05      2.85
SRCPARAM L0045442     0.00000133      0.00      4.05      2.85
SRCPARAM L0045443     0.00000133      0.00      4.05      2.85
SRCPARAM L0045444     0.00000133      0.00      4.05      2.85
SRCPARAM L0045445     0.00000133      0.00      4.05      2.85
SRCPARAM L0045446     0.00000133      0.00      4.05      2.85
SRCPARAM L0045447     0.00000133      0.00      4.05      2.85
SRCPARAM L0045448     0.00000133      0.00      4.05      2.85
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SRCPARAM L0045452     0.00000133      0.00      4.05      2.85
SRCPARAM L0045453     0.00000133      0.00      4.05      2.85
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SRCPARAM L0045455     0.00000133      0.00      4.05      2.85
SRCPARAM L0045456     0.00000133      0.00      4.05      2.85
SRCPARAM L0045457     0.00000133      0.00      4.05      2.85
SRCPARAM L0045458     0.00000133      0.00      4.05      2.85
SRCPARAM L0045459     0.00000133      0.00      4.05      2.85
SRCPARAM L0045460     0.00000133      0.00      4.05      2.85
SRCPARAM L0045461     0.00000133      0.00      4.05      2.85
SRCPARAM L0045462     0.00000133      0.00      4.05      2.85
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   SRCPARAM L0045465     0.00000133      0.00      4.05      2.85
   SRCPARAM L0045466     0.00000133      0.00      4.05      2.85
   SRCPARAM L0045467     0.00000133      0.00      4.05      2.85
   SRCPARAM L0045468     0.00000133      0.00      4.05      2.85
   SRCPARAM L0045469     0.00000133      0.00      4.05      2.85
   SRCPARAM L0045470     0.00000133      0.00      4.05      2.85
   SRCPARAM L0045471     0.00000133      0.00      4.05      2.85
   SRCPARAM L0045472     0.00000133      0.00      4.05      2.85
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   SRCPARAM L0045474     0.00000133      0.00      4.05      2.85
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   SRCPARAM L0045476     0.00000133      0.00      4.05      2.85
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   SRCPARAM L0045478     0.00000133      0.00      4.05      2.85
   SRCPARAM L0045479     0.00000133      0.00      4.05      2.85
   SRCPARAM L0045480     0.00000133      0.00      4.05      2.85
   SRCPARAM L0045481     0.00000133      0.00      4.05      2.85
   SRCPARAM L0045482     0.00000133      0.00      4.05      2.85
   SRCPARAM L0045483     0.00000133      0.00      4.05      2.85
   SRCPARAM L0045484     0.00000133      0.00      4.05      2.85
   SRCPARAM L0045485     0.00000133      0.00      4.05      2.85
   SRCPARAM L0045486     0.00000133      0.00      4.05      2.85
   SRCPARAM L0045487     0.00000133      0.00      4.05      2.85
   SRCPARAM L0045488     0.00000133      0.00      4.05      2.85
   SRCPARAM L0045489     0.00000133      0.00      4.05      2.85
   SRCPARAM L0045490     0.00000133      0.00      4.05      2.85
   SRCPARAM L0045491     0.00000133      0.00      4.05      2.85
   SRCPARAM L0045492     0.00000133      0.00      4.05      2.85
   SRCPARAM L0045493     0.00000133      0.00      4.05      2.85
   SRCPARAM L0045494     0.00000133      0.00      4.05      2.85
   SRCPARAM L0045495     0.00000133      0.00      4.05      2.85
   SRCPARAM L0045496     0.00000133      0.00      4.05      2.85
   SRCPARAM L0045497     0.00000133      0.00      4.05      2.85
   SRCPARAM L0045498     0.00000133      0.00      4.05      2.85
   SRCPARAM L0045499     0.00000133      0.00      4.05      2.85
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   SRCGROUP BNSFcons C3045506 C3045507 C3045508 C3045509 C3045510 C3045511
   SRCGROUP BNSFcons C3045512 C3045513 C3045514 C3045515 C3045516 C3045517
   SRCGROUP BNSFcons C3045518 C3045519 C3045520 C3045521 C3045522 C3045523
   SRCGROUP BNSFcons C3045524 C3045525 C3045526 C3045527 C3045528 C3045529
   SRCGROUP BNSFcons C3045530 C3045531 C3045532 C3045533 C3045534 C3045535
   SRCGROUP BNSFcons C3045536 C3045537 C3045538 C3045539 C3045540 C3045541
   SRCGROUP BNSFcons C3045542 C3045543 C3045544 C3045545 C3045546 C3045547
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SRCGROUP BNSFcons C3045566 C3045567 C3045568 C3045569 C3045570 C3045571
SRCGROUP BNSFcons C3045572 C3045573 C3045574 C3045575 C3045576 C3045577
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SRCGROUP BNSFcons C3045620 C3045621 C3045622 C3045623 C3045624 C3045625
SRCGROUP BNSFcons C3045626 C3045627 C3045628 C3045629 C3045630 C3045631
SRCGROUP BNSFcons C3045632 C3045633 C3045634 C3045635 C3045636 C3045637
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SRCGROUP BNSFcons C3045698 C3045699 C3045700 C3045701 C3045702 C3045703
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SRCGROUP BNSFcons C3045710 C3045711 C3045712 C3045713 C3045714 C3045715
SRCGROUP BNSFcons C3045716 C3045717 C3045718 C3045719 C3045720 C3045721
SRCGROUP BNSFcons C3045722 C3045723 C3045724 C3045725 C3045726 C3045727
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SRCGROUP BNSFcons C3045734 C3045735 C3045736 C3045737 C3045738 C3045739
SRCGROUP BNSFcons C3045740 C3045741 C3045742 C3045743 C3045744 C3045745
SRCGROUP BNSFcons C3045746 C3045747 C3045748 C3045749 C3045750 C3045751
SRCGROUP BNSFcons C3045752 C3045753 C3045754 C3045755 C3045756 C3045757
SRCGROUP BNSFcons C3045758 C3045759 C3045760 C3045761 C3045762 C3045763
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SRCGROUP BNSFcons C3045776 C3045777 C3045778 C3045779 C3045780 C3045781
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SRCGROUP BNSFcons C3045794 C3045795 C3045796 C3045797 C3045798 C3045799
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SRCGROUP BNSFcons C3045806 C3045807 C3045808 C3045809 C3045810 C3045811
SRCGROUP BNSFcons C3045812 C3045813 C3045814 C3045815 C3045816 C3045817
SRCGROUP BNSFcons C3045818 C3045819 C3045820 C3045821 C3045822 C3045823
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SRCGROUP BNSFcons C3045830 C3045831 C3045832 C3045833 C3045834 C3045835
SRCGROUP BNSFcons C3045836 C3045837 C3045838 C3045839 C3045840 C3045841

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   SRCGROUP BNSFcons C4045926 C4045927 C4045928 C4045929 C4045930 C4045931
   SRCGROUP BNSFcons C4045932 C4045933 C4045934 C4045935 C4045936 C4045937
   SRCGROUP BNSFcons C4045938 C4045939 C4045940 C4045941 C4045942 C4045943
   SRCGROUP BNSFcons C4045944 C4045945 C4045946
   SRCGROUP ALL
SO FINISHED
**
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
   INCLUDED "BNSF Ono_ConPMex.rou"
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
** Surface File Path: C:\Lakes\AERMOD View\BNSF
Ono_ConPMex\FontanaADJU\FONT_V9_ADJU\
   SURFFILE FontanaADJU\FONT_V9_ADJU\FONT_v9.SFC
** Profile File Path: C:\Lakes\AERMOD View\BNSF
Ono_ConPMex\FontanaADJU\FONT_V9_ADJU\
   PROFFILE FontanaADJU\FONT_V9_ADJU\FONT_v9.PFL
   SURFDATA 3102 2011
   UAIRDATA 3190 2011
   SITEDATA 99999 2011
   PROFBASE 367.0 METERS
ME FINISHED
**
```

```
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "C:\Lakes\AERMOD View\BNSF Ono_ConPMex\BNSF
ONO_CONPMEX.AD\01H1GALL.PLT" 31
   PLOTFILE 24 ALL 1ST "C:\Lakes\AERMOD View\BNSF Ono_ConPMex\BNSF
ONO_CONPMEX.AD\24H1GALL.PLT" 32
   PLOTFILE 1 BNSFcons 1ST "C:\Lakes\AERMOD View\BNSF Ono_ConPMex\BNSF
ONO_CONPMEX.AD\01H1G001.PLT" 33
   PLOTFILE 24 BNSFcons 1ST "C:\Lakes\AERMOD View\BNSF Ono_ConPMex\BNSF
ONO_CONPMEX.AD\24H1G001.PLT" 34
   PLOTFILE ANNUAL ALL "C:\Lakes\AERMOD View\BNSF Ono_ConPMex\BNSF
ONO_CONPMEX.AD\AN00GALL.PLT" 35
   PLOTFILE ANNUAL BNSFcons "C:\Lakes\AERMOD View\BNSF Ono_ConPMex\BNSF
ONO_CONPMEX.AD\AN00G000.PLT" 36
   SUMMFILE "C:\Lakes\AERMOD View\BNSF Ono_ConPMex\BNSF Ono_ConPMex.sum"
OU FINISHED
**
****************************************
** Project Parameters
****************************************
** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS    m
** ZONE     11
** ZONEINX  0
**
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****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.8.3
** Lakes Environmental Software Inc.
** Date: 6/24/2020
** File: C:\Lakes\AERMOD View\Projects\BNSF Ono_ConPMex\BNSF Ono_ConPMex.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE Ono Construction PM exhaust
   MODELOPT DFAULT CONC
   AVERTIME 24 ANNUAL
   URBANOPT 216995
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL "BNSF Ono_ConPMex.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 = CON3
** DESCRSRC construction alignment PM10 vehicle emissions 3
** PREFIX C3
** Length of Side = 9.70
** Configuration = Adjacent
** Emission Rate = 0.037639
** Vertical Dimension = 7.82
** SZINIT = 3.64
** Nodes = 44
** 472029.067, 3774423.620, 330.82, 5.00, 4.51
** 472027.831, 3774478.042, 331.46, 5.00, 4.51
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** 472000.591, 3774511.750, 332.06, 5.00, 4.51
** 472013.272, 3774556.255, 332.64, 5.00, 4.51
** 472031.864, 3774578.593, 332.21, 5.00, 4.51
** 472029.304, 3774684.181, 333.03, 5.00, 4.51
** 472002.658, 3774711.761, 333.60, 5.00, 4.51
** 472001.216, 3774757.585, 333.81, 5.00, 4.51
** 472028.458, 3774759.397, 333.47, 5.00, 4.51
** 472029.022, 3774836.830, 334.00, 5.00, 4.51
** 472014.653, 3774850.787, 334.41, 5.00, 4.51
** 472011.200, 3774882.035, 334.71, 5.00, 4.51
** 472030.428, 3774899.027, 334.52, 5.00, 4.51
** 472033.861, 3775069.137, 336.13, 5.00, 4.51
** 472044.457, 3775252.708, 337.89, 5.00, 4.51
** 472023.610, 3775266.611, 338.37, 5.00, 4.51
** 472026.862, 3775405.698, 339.52, 5.00, 4.51
** 471990.441, 3775421.200, 340.22, 5.00, 4.51
** 472020.706, 3775460.501, 340.35, 5.00, 4.51
** 472021.501, 3775574.097, 341.67, 5.00, 4.51
** 472024.227, 3775616.759, 342.65, 5.00, 4.51
** 472046.874, 3775636.423, 341.93, 5.00, 4.51
** 472044.511, 3775860.656, 344.18, 5.00, 4.51
** 472044.474, 3776009.430, 344.91, 5.00, 4.51
** 472023.518, 3776037.236, 345.55, 5.00, 4.51
** 472026.153, 3776139.738, 345.99, 5.00, 4.51
** 472026.595, 3776148.843, 345.93, 5.00, 4.51
** 472036.101, 3776216.655, 346.57, 5.00, 4.51
** 472027.399, 3776304.861, 345.20, 5.00, 4.51
** 472014.541, 3776370.163, 345.32, 5.00, 4.51
** 471995.999, 3776385.920, 347.82, 5.00, 4.51
** 471994.791, 3776431.787, 345.96, 5.00, 4.51
** 471919.463, 3776569.800, 349.81, 5.00, 4.51
** 471902.161, 3776594.994, 349.38, 5.00, 4.51
** 471891.090, 3776619.671, 349.47, 5.00, 4.51
** 471790.618, 3776728.020, 352.43, 5.00, 4.51
** 471687.819, 3776808.468, 354.12, 5.00, 4.51
** 471587.411, 3776886.025, 355.59, 5.00, 4.51
** 471381.275, 3777051.819, 358.77, 5.00, 4.51
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** 471034.024, 3777323.679, 365.52, 5.00, 4.51
** 470919.103, 3777424.226, 368.63, 5.00, 4.51
** 470766.423, 3777576.849, 372.68, 5.00, 4.51
** 470646.829, 3777717.308, 375.61, 5.00, 4.51
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   LOCATION C3039007     VOLUME   472028.736 3774438.166 331.20
   LOCATION C3039008     VOLUME   472028.516 3774447.863 331.30
   LOCATION C3039009     VOLUME   472028.296 3774457.561 331.41
   LOCATION C3039010     VOLUME   472028.076 3774467.258 331.51
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LOCATION C3039011     VOLUME   472027.855 3774476.956 331.59
LOCATION C3039012     VOLUME   472022.417 3774484.742 331.72
LOCATION C3039013     VOLUME   472016.320 3774492.286 331.85
LOCATION C3039014     VOLUME   472010.224 3774499.831 331.98
LOCATION C3039015     VOLUME   472004.127 3774507.375 332.09
LOCATION C3039016     VOLUME   472001.708 3774515.669 332.21
LOCATION C3039017     VOLUME   472004.366 3774524.998 332.32
LOCATION C3039018     VOLUME   472007.024 3774534.327 332.41
LOCATION C3039019     VOLUME   472009.682 3774543.655 332.49
LOCATION C3039020     VOLUME   472012.340 3774552.984 332.56
LOCATION C3039021     VOLUME   472017.302 3774561.096 332.54
LOCATION C3039022     VOLUME   472023.507 3774568.552 332.43
LOCATION C3039023     VOLUME   472029.712 3774576.008 332.33
LOCATION C3039024     VOLUME   472031.711 3774584.927 332.34
LOCATION C3039025     VOLUME   472031.476 3774594.624 332.40
LOCATION C3039026     VOLUME   472031.240 3774604.322 332.48
LOCATION C3039027     VOLUME   472031.005 3774614.019 332.56
LOCATION C3039028     VOLUME   472030.770 3774623.716 332.65
LOCATION C3039029     VOLUME   472030.535 3774633.413 332.75
LOCATION C3039030     VOLUME   472030.300 3774643.110 332.86
LOCATION C3039031     VOLUME   472030.065 3774652.807 332.96
LOCATION C3039032     VOLUME   472029.830 3774662.504 333.03
LOCATION C3039033     VOLUME   472029.594 3774672.202 333.09
LOCATION C3039034     VOLUME   472029.359 3774681.899 333.14
LOCATION C3039035     VOLUME   472024.150 3774689.515 333.27
LOCATION C3039036     VOLUME   472017.410 3774696.491 333.42
LOCATION C3039037     VOLUME   472010.671 3774703.467 333.55
LOCATION C3039038     VOLUME   472003.931 3774710.443 333.63
LOCATION C3039039     VOLUME   472002.410 3774719.625 333.67
LOCATION C3039040     VOLUME   472002.105 3774729.320 333.72
LOCATION C3039041     VOLUME   472001.800 3774739.015 333.76
LOCATION C3039042     VOLUME   472001.495 3774748.711 333.81
LOCATION C3039043     VOLUME   472002.035 3774757.639 333.88
LOCATION C3039044     VOLUME   472011.714 3774758.283 333.83
LOCATION C3039045     VOLUME   472021.392 3774758.927 333.71
LOCATION C3039046     VOLUME   472028.477 3774762.015 333.64
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LOCATION	C3039353	VOLUME	471118.582	3777258.564	363.83
LOCATION	C3039354	VOLUME	471110.897	3777264.482	364.02
LOCATION	C3039355	VOLUME	471103.211	3777270.401	364.25
LOCATION	C3039356	VOLUME	471095.526	3777276.319	364.51
LOCATION	C3039357	VOLUME	471087.840	3777282.237	364.64
LOCATION	C3039358	VOLUME	471080.155	3777288.155	364.79
LOCATION	C3039359	VOLUME	471072.470	3777294.073	365.00
LOCATION	C3039360	VOLUME	471064.784	3777299.991	365.16
LOCATION	C3039361	VOLUME	471057.099	3777305.910	365.36
LOCATION	C3039362	VOLUME	471049.414	3777311.828	365.53
LOCATION	C3039363	VOLUME	471041.728	3777317.746	365.66
LOCATION	C3039364	VOLUME	471034.043	3777323.664	365.79
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LOCATION	C3039366	VOLUME	471019.441	3777336.437	366.18
LOCATION	C3039367	VOLUME	471012.141	3777342.825	366.31
LOCATION	C3039368	VOLUME	471004.841	3777349.212	366.45
LOCATION	C3039369	VOLUME	470997.541	3777355.599	366.64
LOCATION	C3039370	VOLUME	470990.240	3777361.986	366.83
LOCATION	C3039371	VOLUME	470982.940	3777368.373	367.02
LOCATION	C3039372	VOLUME	470975.640	3777374.761	367.19
LOCATION	C3039373	VOLUME	470968.340	3777381.148	367.38
LOCATION	C3039374	VOLUME	470961.039	3777387.535	367.55
LOCATION	C3039375	VOLUME	470953.739	3777393.922	367.73
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LOCATION	C3039377	VOLUME	470939.139	3777406.697	368.10
LOCATION	C3039378	VOLUME	470931.838	3777413.084	368.28
LOCATION	C3039379	VOLUME	470924.538	3777419.471	368.46
LOCATION	C3039380	VOLUME	470917.350	3777425.978	368.64
LOCATION	C3039381	VOLUME	470910.490	3777432.836	368.81
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LOCATION	C3039383	VOLUME	470896.770	3777446.551	369.23
LOCATION	C3039384	VOLUME	470889.909	3777453.409	369.43
LOCATION	C3039385	VOLUME	470883.049	3777460.267	369.58
LOCATION	C3039386	VOLUME	470876.189	3777467.124	369.80
LOCATION	C3039387	VOLUME	470869.329	3777473.982	370.09
LOCATION	C3039388	VOLUME	470862.468	3777480.840	370.32
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** End of LINE VOLUME Source ID = CON3
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = CON4
** DESCRSRC construction alignment PM10 vehicle emissions 4
** PREFIX C4
** Length of Side = 9.70
** Configuration = Adjacent
** Emission Rate = 0.002765
** Vertical Dimension = 7.82
** SZINIT = 3.64
** Nodes = 3
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   LOCATION C4039867     VOLUME   468989.034 3779805.994 428.77
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** End of LINE VOLUME Source ID = CON4
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC Haul 1
** PREFIX
** Length of Side = 8.70
** Configuration = Adjacent
** Emission Rate = 0.00029
** Vertical Dimension = 6.12
** SZINIT = 2.85
** Nodes = 6
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** 471922.401, 3775037.792, 338.18, 3.06, 4.05
** 472250.334, 3775036.308, 334.08, 3.06, 4.05
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LOCATION L0045178     VOLUME   472244.990 3775653.463 341.24
LOCATION L0045179     VOLUME   472236.300 3775653.887 341.57
LOCATION L0045180     VOLUME   472227.611 3775654.311 341.90
LOCATION L0045181     VOLUME   472218.921 3775654.735 342.25
LOCATION L0045182     VOLUME   472210.231 3775655.159 342.76
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   LOCATION L0045183     VOLUME   472201.542 3775655.583 343.26
   LOCATION L0045184     VOLUME   472192.852 3775656.007 343.79
   LOCATION L0045185     VOLUME   472184.162 3775656.431 344.49
   LOCATION L0045186     VOLUME   472175.473 3775656.854 345.19
   LOCATION L0045187     VOLUME   472166.783 3775657.278 345.56
   LOCATION L0045188     VOLUME   472158.093 3775657.702 344.68
   LOCATION L0045189     VOLUME   472149.404 3775658.126 343.80
** End of LINE VOLUME Source ID = SLINE1
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC Haul 2
** PREFIX
** Length of Side = 8.70
** Configuration = Adjacent
** Emission Rate = 0.00011
** Vertical Dimension = 6.12
** SZINIT = 2.85
** Nodes = 5
** 472012.579, 3776057.496, 345.75, 3.06, 4.05
** 471741.113, 3776055.763, 347.82, 3.06, 4.05
** 471746.531, 3775649.117, 344.02, 3.06, 4.05
** 471987.350, 3775661.257, 346.74, 3.06, 4.05
** 472128.334, 3775664.221, 341.09, 3.06, 4.05
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   LOCATION L0045191     VOLUME   471999.529 3776057.412 345.82
   LOCATION L0045192     VOLUME   471990.830 3776057.357 345.86
   LOCATION L0045193     VOLUME   471982.130 3776057.301 345.92
   LOCATION L0045194     VOLUME   471973.430 3776057.246 345.99
   LOCATION L0045195     VOLUME   471964.730 3776057.190 346.06
   LOCATION L0045196     VOLUME   471956.030 3776057.135 346.14
   LOCATION L0045197     VOLUME   471947.330 3776057.079 346.22
   LOCATION L0045198     VOLUME   471938.631 3776057.024 346.30
   LOCATION L0045199     VOLUME   471929.931 3776056.968 346.38
   LOCATION L0045200     VOLUME   471921.231 3776056.913 346.46
   LOCATION L0045201     VOLUME   471912.531 3776056.857 346.54
   LOCATION L0045202     VOLUME   471903.831 3776056.801 346.63
   LOCATION L0045203     VOLUME   471895.132 3776056.746 346.72
   LOCATION L0045204     VOLUME   471886.432 3776056.690 346.80
   LOCATION L0045205     VOLUME   471877.732 3776056.635 346.89
   LOCATION L0045206     VOLUME   471869.032 3776056.579 346.98
   LOCATION L0045207     VOLUME   471860.332 3776056.524 347.06
   LOCATION L0045208     VOLUME   471851.632 3776056.468 347.12
   LOCATION L0045209     VOLUME   471842.933 3776056.413 347.18
   LOCATION L0045210     VOLUME   471834.233 3776056.357 347.25
   LOCATION L0045211     VOLUME   471825.533 3776056.302 347.31
   LOCATION L0045212     VOLUME   471816.833 3776056.246 347.37
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LOCATION L0045213     VOLUME   471808.133 3776056.191 347.42
LOCATION L0045214     VOLUME   471799.433 3776056.135 347.48
LOCATION L0045215     VOLUME   471790.734 3776056.080 347.53
LOCATION L0045216     VOLUME   471782.034 3776056.024 347.57
LOCATION L0045217     VOLUME   471773.334 3776055.969 347.61
LOCATION L0045218     VOLUME   471764.634 3776055.913 347.64
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LOCATION L0045220     VOLUME   471747.235 3776055.802 347.73
LOCATION L0045221     VOLUME   471741.148 3776053.185 347.74
LOCATION L0045222     VOLUME   471741.263 3776044.485 347.65
LOCATION L0045223     VOLUME   471741.379 3776035.786 347.55
LOCATION L0045224     VOLUME   471741.495 3776027.087 347.45
LOCATION L0045225     VOLUME   471741.611 3776018.388 347.36
LOCATION L0045226     VOLUME   471741.727 3776009.688 347.25
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LOCATION L0045233     VOLUME   471742.538 3775948.794 346.58
LOCATION L0045234     VOLUME   471742.654 3775940.095 346.54
LOCATION L0045235     VOLUME   471742.770 3775931.395 346.50
LOCATION L0045236     VOLUME   471742.886 3775922.696 346.46
LOCATION L0045237     VOLUME   471743.002 3775913.997 346.41
LOCATION L0045238     VOLUME   471743.118 3775905.298 346.35
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LOCATION L0045242     VOLUME   471743.582 3775870.501 346.09
LOCATION L0045243     VOLUME   471743.698 3775861.802 346.01
LOCATION L0045244     VOLUME   471743.813 3775853.102 345.94
LOCATION L0045245     VOLUME   471743.929 3775844.403 345.87
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LOCATION L0045248     VOLUME   471744.277 3775818.305 345.64
LOCATION L0045249     VOLUME   471744.393 3775809.606 345.55
LOCATION L0045250     VOLUME   471744.509 3775800.907 345.47
LOCATION L0045251     VOLUME   471744.625 3775792.208 345.39
LOCATION L0045252     VOLUME   471744.741 3775783.508 345.30
LOCATION L0045253     VOLUME   471744.857 3775774.809 345.22
LOCATION L0045254     VOLUME   471744.973 3775766.110 345.14
LOCATION L0045255     VOLUME   471745.088 3775757.411 345.07
LOCATION L0045256     VOLUME   471745.204 3775748.712 344.99
LOCATION L0045257     VOLUME   471745.320 3775740.012 344.91
LOCATION L0045258     VOLUME   471745.436 3775731.313 344.84
LOCATION L0045259     VOLUME   471745.552 3775722.614 344.76
LOCATION L0045260     VOLUME   471745.668 3775713.915 344.69
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LOCATION L0045261     VOLUME   471745.784 3775705.215 344.62
LOCATION L0045262     VOLUME   471745.900 3775696.516 344.53
LOCATION L0045263     VOLUME   471746.016 3775687.817 344.44
LOCATION L0045264     VOLUME   471746.132 3775679.118 344.35
LOCATION L0045265     VOLUME   471746.248 3775670.419 344.26
LOCATION L0045266     VOLUME   471746.363 3775661.719 344.18
LOCATION L0045267     VOLUME   471746.479 3775653.020 344.10
LOCATION L0045268     VOLUME   471751.322 3775649.359 344.04
LOCATION L0045269     VOLUME   471760.011 3775649.797 343.99
LOCATION L0045270     VOLUME   471768.700 3775650.235 343.94
LOCATION L0045271     VOLUME   471777.389 3775650.673 343.89
LOCATION L0045272     VOLUME   471786.078 3775651.111 343.85
LOCATION L0045273     VOLUME   471794.767 3775651.549 343.88
LOCATION L0045274     VOLUME   471803.456 3775651.987 343.91
LOCATION L0045275     VOLUME   471812.145 3775652.425 343.96
LOCATION L0045276     VOLUME   471820.834 3775652.863 344.06
LOCATION L0045277     VOLUME   471829.523 3775653.301 344.15
LOCATION L0045278     VOLUME   471838.212 3775653.739 344.24
LOCATION L0045279     VOLUME   471846.901 3775654.177 344.32
LOCATION L0045280     VOLUME   471855.590 3775654.615 344.40
LOCATION L0045281     VOLUME   471864.279 3775655.053 344.52
LOCATION L0045282     VOLUME   471872.968 3775655.491 344.69
LOCATION L0045283     VOLUME   471881.657 3775655.929 344.85
LOCATION L0045284     VOLUME   471890.346 3775656.367 345.04
LOCATION L0045285     VOLUME   471899.034 3775656.805 345.25
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LOCATION L0045287     VOLUME   471916.412 3775657.681 345.67
LOCATION L0045288     VOLUME   471925.101 3775658.119 345.90
LOCATION L0045289     VOLUME   471933.790 3775658.557 346.12
LOCATION L0045290     VOLUME   471942.479 3775658.995 346.36
LOCATION L0045291     VOLUME   471951.168 3775659.433 346.62
LOCATION L0045292     VOLUME   471959.857 3775659.871 346.87
LOCATION L0045293     VOLUME   471968.546 3775660.309 347.12
LOCATION L0045294     VOLUME   471977.235 3775660.747 347.37
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LOCATION L0045298     VOLUME   472012.017 3775661.775 345.87
LOCATION L0045299     VOLUME   472020.715 3775661.958 344.83
LOCATION L0045300     VOLUME   472029.413 3775662.141 343.63
LOCATION L0045301     VOLUME   472038.111 3775662.324 342.45
LOCATION L0045302     VOLUME   472046.809 3775662.507 341.54
LOCATION L0045303     VOLUME   472055.507 3775662.690 340.74
LOCATION L0045304     VOLUME   472064.205 3775662.873 339.94
LOCATION L0045305     VOLUME   472072.903 3775663.056 339.49
LOCATION L0045306     VOLUME   472081.602 3775663.239 339.13
LOCATION L0045307     VOLUME   472090.300 3775663.421 338.77
LOCATION L0045308     VOLUME   472098.998 3775663.604 338.73
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   LOCATION L0045310     VOLUME   472116.394 3775663.970 338.78
   LOCATION L0045311     VOLUME   472125.092 3775664.153 340.07
** End of LINE VOLUME Source ID = SLINE2
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE3
** DESCRSRC Haul 3
** PREFIX
** Length of Side = 8.70
** Configuration = Adjacent
** Emission Rate = 0.00025
** Vertical Dimension = 6.12
** SZINIT = 2.85
** Nodes = 15
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** 471283.762, 3776867.527, 359.23, 0.00, 4.05
** 471069.966, 3776869.056, 362.02, 0.00, 4.05
** 471061.573, 3777101.939, 362.70, 0.00, 4.05
** 471028.005, 3777145.998, 363.22, 0.00, 4.05
** 470954.573, 3777187.959, 364.31, 0.00, 4.05
** 470891.632, 3777217.331, 365.45, 0.00, 4.05
** 470841.279, 3777276.077, 367.76, 0.00, 4.05
** 470709.102, 3777458.607, 372.62, 0.00, 4.05
** 470692.317, 3777525.744, 376.52, 0.00, 4.05
** 470755.259, 3777676.804, 379.55, 0.00, 4.05
** 470837.082, 3777754.431, 374.85, 0.00, 4.05
** 470853.867, 3777767.020, 376.91, 0.00, 4.05
** 470891.632, 3777779.608, 377.19, 0.00, 4.05
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   LOCATION L0045314     VOLUME   471410.245 3776989.700 358.11
   LOCATION L0045315     VOLUME   471410.210 3776981.000 358.05
   LOCATION L0045316     VOLUME   471410.174 3776972.300 357.99
   LOCATION L0045317     VOLUME   471410.138 3776963.600 357.96
   LOCATION L0045318     VOLUME   471410.102 3776954.900 357.93
   LOCATION L0045319     VOLUME   471410.066 3776946.200 357.91
   LOCATION L0045320     VOLUME   471410.030 3776937.500 357.88
   LOCATION L0045321     VOLUME   471409.994 3776928.800 357.83
   LOCATION L0045322     VOLUME   471409.958 3776920.100 357.77
   LOCATION L0045323     VOLUME   471409.923 3776911.400 357.72
   LOCATION L0045324     VOLUME   471409.887 3776902.700 357.66
   LOCATION L0045325     VOLUME   471409.851 3776894.001 357.59
   LOCATION L0045326     VOLUME   471409.815 3776885.301 357.53
   LOCATION L0045327     VOLUME   471409.779 3776876.601 357.46
   LOCATION L0045328     VOLUME   471409.743 3776867.901 357.41
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LOCATION L0045329     VOLUME   471402.313 3776866.679 357.52
LOCATION L0045330     VOLUME   471393.613 3776866.741 357.65
LOCATION L0045331     VOLUME   471384.913 3776866.803 357.79
LOCATION L0045332     VOLUME   471376.214 3776866.866 357.92
LOCATION L0045333     VOLUME   471367.514 3776866.928 358.01
LOCATION L0045334     VOLUME   471358.814 3776866.990 358.11
LOCATION L0045335     VOLUME   471350.114 3776867.052 358.21
LOCATION L0045336     VOLUME   471341.415 3776867.114 358.31
LOCATION L0045337     VOLUME   471332.715 3776867.177 358.42
LOCATION L0045338     VOLUME   471324.015 3776867.239 358.54
LOCATION L0045339     VOLUME   471315.315 3776867.301 358.68
LOCATION L0045340     VOLUME   471306.615 3776867.363 358.83
LOCATION L0045341     VOLUME   471297.916 3776867.426 358.96
LOCATION L0045342     VOLUME   471289.216 3776867.488 359.06
LOCATION L0045343     VOLUME   471280.516 3776867.550 359.16
LOCATION L0045344     VOLUME   471271.816 3776867.612 359.27
LOCATION L0045345     VOLUME   471263.117 3776867.674 359.37
LOCATION L0045346     VOLUME   471254.417 3776867.737 359.47
LOCATION L0045347     VOLUME   471245.717 3776867.799 359.58
LOCATION L0045348     VOLUME   471237.017 3776867.861 359.69
LOCATION L0045349     VOLUME   471228.317 3776867.923 359.81
LOCATION L0045350     VOLUME   471219.618 3776867.986 359.93
LOCATION L0045351     VOLUME   471210.918 3776868.048 360.05
LOCATION L0045352     VOLUME   471202.218 3776868.110 360.18
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LOCATION L0045355     VOLUME   471176.119 3776868.297 360.54
LOCATION L0045356     VOLUME   471167.419 3776868.359 360.66
LOCATION L0045357     VOLUME   471158.719 3776868.421 360.78
LOCATION L0045358     VOLUME   471150.019 3776868.483 360.91
LOCATION L0045359     VOLUME   471141.320 3776868.545 361.03
LOCATION L0045360     VOLUME   471132.620 3776868.608 361.15
LOCATION L0045361     VOLUME   471123.920 3776868.670 361.27
LOCATION L0045362     VOLUME   471115.220 3776868.732 361.38
LOCATION L0045363     VOLUME   471106.521 3776868.794 361.50
LOCATION L0045364     VOLUME   471097.821 3776868.857 361.62
LOCATION L0045365     VOLUME   471089.121 3776868.919 361.74
LOCATION L0045366     VOLUME   471080.421 3776868.981 361.86
LOCATION L0045367     VOLUME   471071.721 3776869.043 361.98
LOCATION L0045368     VOLUME   471069.716 3776875.995 362.06
LOCATION L0045369     VOLUME   471069.402 3776884.690 362.10
LOCATION L0045370     VOLUME   471069.089 3776893.384 362.15
LOCATION L0045371     VOLUME   471068.776 3776902.079 362.19
LOCATION L0045372     VOLUME   471068.462 3776910.773 362.23
LOCATION L0045373     VOLUME   471068.149 3776919.467 362.26
LOCATION L0045374     VOLUME   471067.836 3776928.162 362.29
LOCATION L0045375     VOLUME   471067.522 3776936.856 362.31
LOCATION L0045376     VOLUME   471067.209 3776945.550 362.35
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LOCATION	L0045381	VOLUME	471065.643	3776989.022	362.51
LOCATION	L0045382	VOLUME	471065.329	3776997.716	362.53
LOCATION	L0045383	VOLUME	471065.016	3777006.411	362.56
LOCATION	L0045384	VOLUME	471064.703	3777015.105	362.58
LOCATION	L0045385	VOLUME	471064.389	3777023.799	362.59
LOCATION	L0045386	VOLUME	471064.076	3777032.494	362.61
LOCATION	L0045387	VOLUME	471063.763	3777041.188	362.63
LOCATION	L0045388	VOLUME	471063.449	3777049.883	362.66
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LOCATION	L0045390	VOLUME	471062.823	3777067.271	362.70
LOCATION	L0045391	VOLUME	471062.509	3777075.966	362.73
LOCATION	L0045392	VOLUME	471062.196	3777084.660	362.75
LOCATION	L0045393	VOLUME	471061.883	3777093.354	362.78
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LOCATION	L0045395	VOLUME	471056.234	3777108.947	362.91
LOCATION	L0045396	VOLUME	471050.962	3777115.867	363.02
LOCATION	L0045397	VOLUME	471045.689	3777122.787	363.12
LOCATION	L0045398	VOLUME	471040.417	3777129.707	363.19
LOCATION	L0045399	VOLUME	471035.144	3777136.628	363.26
LOCATION	L0045400	VOLUME	471029.871	3777143.548	363.33
LOCATION	L0045401	VOLUME	471023.125	3777148.786	363.40
LOCATION	L0045402	VOLUME	471015.572	3777153.103	363.48
LOCATION	L0045403	VOLUME	471008.018	3777157.419	363.56
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LOCATION	L0045406	VOLUME	470985.357	3777170.368	363.89
LOCATION	L0045407	VOLUME	470977.803	3777174.685	364.01
LOCATION	L0045408	VOLUME	470970.249	3777179.001	364.12
LOCATION	L0045409	VOLUME	470962.696	3777183.317	364.24
LOCATION	L0045410	VOLUME	470955.142	3777187.634	364.36
LOCATION	L0045411	VOLUME	470947.283	3777191.361	364.48
LOCATION	L0045412	VOLUME	470939.399	3777195.040	364.60
LOCATION	L0045413	VOLUME	470931.515	3777198.719	364.71
LOCATION	L0045414	VOLUME	470923.632	3777202.398	364.83
LOCATION	L0045415	VOLUME	470915.748	3777206.077	364.96
LOCATION	L0045416	VOLUME	470907.864	3777209.756	365.13
LOCATION	L0045417	VOLUME	470899.980	3777213.436	365.30
LOCATION	L0045418	VOLUME	470892.096	3777217.115	365.52
LOCATION	L0045419	VOLUME	470886.304	3777223.548	365.88
LOCATION	L0045420	VOLUME	470880.642	3777230.153	366.23
LOCATION	L0045421	VOLUME	470874.980	3777236.759	366.56
LOCATION	L0045422	VOLUME	470869.318	3777243.364	366.86
LOCATION	L0045423	VOLUME	470863.656	3777249.970	367.13
LOCATION	L0045424	VOLUME	470857.994	3777256.575	367.36

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LOCATION L0045426     VOLUME   470846.670 3777269.786 367.65
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LOCATION L0045430     VOLUME   470825.727 3777297.552 367.83
LOCATION L0045431     VOLUME   470820.625 3777304.599 367.91
LOCATION L0045432     VOLUME   470815.522 3777311.645 368.00
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LOCATION L0045435     VOLUME   470800.214 3777332.785 368.34
LOCATION L0045436     VOLUME   470795.111 3777339.831 368.51
LOCATION L0045437     VOLUME   470790.009 3777346.878 368.66
LOCATION L0045438     VOLUME   470784.906 3777353.924 368.75
LOCATION L0045439     VOLUME   470779.804 3777360.971 368.91
LOCATION L0045440     VOLUME   470774.701 3777368.017 369.13
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LOCATION L0045446     VOLUME   470744.085 3777410.296 370.19
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LOCATION L0045454     VOLUME   470706.688 3777468.263 372.93
LOCATION L0045455     VOLUME   470704.578 3777476.703 373.29
LOCATION L0045456     VOLUME   470702.468 3777485.143 373.74
LOCATION L0045457     VOLUME   470700.357 3777493.584 374.28
LOCATION L0045458     VOLUME   470698.247 3777502.024 374.90
LOCATION L0045459     VOLUME   470696.137 3777510.464 375.49
LOCATION L0045460     VOLUME   470694.027 3777518.904 376.05
LOCATION L0045461     VOLUME   470692.952 3777527.267 376.29
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LOCATION L0045463     VOLUME   470699.644 3777543.328 375.67
LOCATION L0045464     VOLUME   470702.990 3777551.359 375.50
LOCATION L0045465     VOLUME   470706.336 3777559.390 375.10
LOCATION L0045466     VOLUME   470709.683 3777567.421 374.37
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LOCATION L0045468     VOLUME   470716.375 3777583.482 372.84
LOCATION L0045469     VOLUME   470719.721 3777591.513 372.92
LOCATION L0045470     VOLUME   470723.067 3777599.544 373.51
LOCATION L0045471     VOLUME   470726.413 3777607.575 374.28
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   SRCPARAM C3039408     0.0000904784      5.00      4.51      3.64
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   SRCPARAM C3039414     0.0000904784      5.00      4.51      3.64
   SRCPARAM C3039415     0.0000904784      5.00      4.51      3.64
   SRCPARAM C3039416     0.0000904784      5.00      4.51      3.64
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   SRCPARAM C3039418     0.0000904784      5.00      4.51      3.64
   SRCPARAM C3039419     0.0000904784      5.00      4.51      3.64
   SRCPARAM C3039420     0.0000904784      5.00      4.51      3.64
   SRCPARAM C3039421     0.0000904784      5.00      4.51      3.64
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** LINE VOLUME Source ID = CON4
   SRCPARAM C4039838     0.0000891935      5.00      4.51      3.64
   SRCPARAM C4039839     0.0000891935      5.00      4.51      3.64
   SRCPARAM C4039840     0.0000891935      5.00      4.51      3.64
   SRCPARAM C4039841     0.0000891935      5.00      4.51      3.64
   SRCPARAM C4039842     0.0000891935      5.00      4.51      3.64
   SRCPARAM C4039843     0.0000891935      5.00      4.51      3.64
   SRCPARAM C4039844     0.0000891935      5.00      4.51      3.64
   SRCPARAM C4039845     0.0000891935      5.00      4.51      3.64
   SRCPARAM C4039846     0.0000891935      5.00      4.51      3.64
   SRCPARAM C4039847     0.0000891935      5.00      4.51      3.64
   SRCPARAM C4039848     0.0000891935      5.00      4.51      3.64
   SRCPARAM C4039849     0.0000891935      5.00      4.51      3.64
   SRCPARAM C4039850     0.0000891935      5.00      4.51      3.64
   SRCPARAM C4039851     0.0000891935      5.00      4.51      3.64
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   SRCPARAM C4039860     0.0000891935      5.00      4.51      3.64
   SRCPARAM C4039861     0.0000891935      5.00      4.51      3.64
   SRCPARAM C4039862     0.0000891935      5.00      4.51      3.64
   SRCPARAM C4039863     0.0000891935      5.00      4.51      3.64
   SRCPARAM C4039864     0.0000891935      5.00      4.51      3.64
   SRCPARAM C4039865     0.0000891935      5.00      4.51      3.64
   SRCPARAM C4039866     0.0000891935      5.00      4.51      3.64
   SRCPARAM C4039867     0.0000891935      5.00      4.51      3.64
   SRCPARAM C4039868     0.0000891935      5.00      4.51      3.64
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** LINE VOLUME Source ID = SLINE1
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   SRCPARAM L0044989     0.000001436      3.06      4.05      2.85
   SRCPARAM L0044990     0.000001436      3.06      4.05      2.85
   SRCPARAM L0044991     0.000001436      3.06      4.05      2.85
   SRCPARAM L0044992     0.000001436      3.06      4.05      2.85
   SRCPARAM L0044993     0.000001436      3.06      4.05      2.85
   SRCPARAM L0044994     0.000001436      3.06      4.05      2.85
   SRCPARAM L0044995     0.000001436      3.06      4.05      2.85
   SRCPARAM L0044996     0.000001436      3.06      4.05      2.85
   SRCPARAM L0044997     0.000001436      3.06      4.05      2.85
   SRCPARAM L0044998     0.000001436      3.06      4.05      2.85
   SRCPARAM L0044999     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045000     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045001     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045002     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045003     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045004     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045005     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045006     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045007     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045008     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045009     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045010     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045011     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045012     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045013     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045014     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045015     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045016     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045017     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045018     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045019     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045020     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045021     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045022     0.000001436      3.06      4.05      2.85
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   SRCPARAM L0045026     0.000001436      3.06      4.05      2.85
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   SRCPARAM L0045028     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045029     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045030     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045031     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045032     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045033     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045034     0.000001436      3.06      4.05      2.85
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SRCPARAM L0045037     0.000001436      3.06      4.05      2.85
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SRCPARAM L0045039     0.000001436      3.06      4.05      2.85
SRCPARAM L0045040     0.000001436      3.06      4.05      2.85
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SRCPARAM L0045047     0.000001436      3.06      4.05      2.85
SRCPARAM L0045048     0.000001436      3.06      4.05      2.85
SRCPARAM L0045049     0.000001436      3.06      4.05      2.85
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SRCPARAM L0045061     0.000001436      3.06      4.05      2.85
SRCPARAM L0045062     0.000001436      3.06      4.05      2.85
SRCPARAM L0045063     0.000001436      3.06      4.05      2.85
SRCPARAM L0045064     0.000001436      3.06      4.05      2.85
SRCPARAM L0045065     0.000001436      3.06      4.05      2.85
SRCPARAM L0045066     0.000001436      3.06      4.05      2.85
SRCPARAM L0045067     0.000001436      3.06      4.05      2.85
SRCPARAM L0045068     0.000001436      3.06      4.05      2.85
SRCPARAM L0045069     0.000001436      3.06      4.05      2.85
SRCPARAM L0045070     0.000001436      3.06      4.05      2.85
SRCPARAM L0045071     0.000001436      3.06      4.05      2.85
SRCPARAM L0045072     0.000001436      3.06      4.05      2.85
SRCPARAM L0045073     0.000001436      3.06      4.05      2.85
SRCPARAM L0045074     0.000001436      3.06      4.05      2.85
SRCPARAM L0045075     0.000001436      3.06      4.05      2.85
SRCPARAM L0045076     0.000001436      3.06      4.05      2.85
SRCPARAM L0045077     0.000001436      3.06      4.05      2.85
SRCPARAM L0045078     0.000001436      3.06      4.05      2.85
SRCPARAM L0045079     0.000001436      3.06      4.05      2.85
SRCPARAM L0045080     0.000001436      3.06      4.05      2.85
SRCPARAM L0045081     0.000001436      3.06      4.05      2.85
SRCPARAM L0045082     0.000001436      3.06      4.05      2.85
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SRCPARAM L0045083     0.000001436      3.06      4.05      2.85
SRCPARAM L0045084     0.000001436      3.06      4.05      2.85
SRCPARAM L0045085     0.000001436      3.06      4.05      2.85
SRCPARAM L0045086     0.000001436      3.06      4.05      2.85
SRCPARAM L0045087     0.000001436      3.06      4.05      2.85
SRCPARAM L0045088     0.000001436      3.06      4.05      2.85
SRCPARAM L0045089     0.000001436      3.06      4.05      2.85
SRCPARAM L0045090     0.000001436      3.06      4.05      2.85
SRCPARAM L0045091     0.000001436      3.06      4.05      2.85
SRCPARAM L0045092     0.000001436      3.06      4.05      2.85
SRCPARAM L0045093     0.000001436      3.06      4.05      2.85
SRCPARAM L0045094     0.000001436      3.06      4.05      2.85
SRCPARAM L0045095     0.000001436      3.06      4.05      2.85
SRCPARAM L0045096     0.000001436      3.06      4.05      2.85
SRCPARAM L0045097     0.000001436      3.06      4.05      2.85
SRCPARAM L0045098     0.000001436      3.06      4.05      2.85
SRCPARAM L0045099     0.000001436      3.06      4.05      2.85
SRCPARAM L0045100     0.000001436      3.06      4.05      2.85
SRCPARAM L0045101     0.000001436      3.06      4.05      2.85
SRCPARAM L0045102     0.000001436      3.06      4.05      2.85
SRCPARAM L0045103     0.000001436      3.06      4.05      2.85
SRCPARAM L0045104     0.000001436      3.06      4.05      2.85
SRCPARAM L0045105     0.000001436      3.06      4.05      2.85
SRCPARAM L0045106     0.000001436      3.06      4.05      2.85
SRCPARAM L0045107     0.000001436      3.06      4.05      2.85
SRCPARAM L0045108     0.000001436      3.06      4.05      2.85
SRCPARAM L0045109     0.000001436      3.06      4.05      2.85
SRCPARAM L0045110     0.000001436      3.06      4.05      2.85
SRCPARAM L0045111     0.000001436      3.06      4.05      2.85
SRCPARAM L0045112     0.000001436      3.06      4.05      2.85
SRCPARAM L0045113     0.000001436      3.06      4.05      2.85
SRCPARAM L0045114     0.000001436      3.06      4.05      2.85
SRCPARAM L0045115     0.000001436      3.06      4.05      2.85
SRCPARAM L0045116     0.000001436      3.06      4.05      2.85
SRCPARAM L0045117     0.000001436      3.06      4.05      2.85
SRCPARAM L0045118     0.000001436      3.06      4.05      2.85
SRCPARAM L0045119     0.000001436      3.06      4.05      2.85
SRCPARAM L0045120     0.000001436      3.06      4.05      2.85
SRCPARAM L0045121     0.000001436      3.06      4.05      2.85
SRCPARAM L0045122     0.000001436      3.06      4.05      2.85
SRCPARAM L0045123     0.000001436      3.06      4.05      2.85
SRCPARAM L0045124     0.000001436      3.06      4.05      2.85
SRCPARAM L0045125     0.000001436      3.06      4.05      2.85
SRCPARAM L0045126     0.000001436      3.06      4.05      2.85
SRCPARAM L0045127     0.000001436      3.06      4.05      2.85
SRCPARAM L0045128     0.000001436      3.06      4.05      2.85
SRCPARAM L0045129     0.000001436      3.06      4.05      2.85
SRCPARAM L0045130     0.000001436      3.06      4.05      2.85
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SRCPARAM L0045131     0.000001436      3.06      4.05      2.85
SRCPARAM L0045132     0.000001436      3.06      4.05      2.85
SRCPARAM L0045133     0.000001436      3.06      4.05      2.85
SRCPARAM L0045134     0.000001436      3.06      4.05      2.85
SRCPARAM L0045135     0.000001436      3.06      4.05      2.85
SRCPARAM L0045136     0.000001436      3.06      4.05      2.85
SRCPARAM L0045137     0.000001436      3.06      4.05      2.85
SRCPARAM L0045138     0.000001436      3.06      4.05      2.85
SRCPARAM L0045139     0.000001436      3.06      4.05      2.85
SRCPARAM L0045140     0.000001436      3.06      4.05      2.85
SRCPARAM L0045141     0.000001436      3.06      4.05      2.85
SRCPARAM L0045142     0.000001436      3.06      4.05      2.85
SRCPARAM L0045143     0.000001436      3.06      4.05      2.85
SRCPARAM L0045144     0.000001436      3.06      4.05      2.85
SRCPARAM L0045145     0.000001436      3.06      4.05      2.85
SRCPARAM L0045146     0.000001436      3.06      4.05      2.85
SRCPARAM L0045147     0.000001436      3.06      4.05      2.85
SRCPARAM L0045148     0.000001436      3.06      4.05      2.85
SRCPARAM L0045149     0.000001436      3.06      4.05      2.85
SRCPARAM L0045150     0.000001436      3.06      4.05      2.85
SRCPARAM L0045151     0.000001436      3.06      4.05      2.85
SRCPARAM L0045152     0.000001436      3.06      4.05      2.85
SRCPARAM L0045153     0.000001436      3.06      4.05      2.85
SRCPARAM L0045154     0.000001436      3.06      4.05      2.85
SRCPARAM L0045155     0.000001436      3.06      4.05      2.85
SRCPARAM L0045156     0.000001436      3.06      4.05      2.85
SRCPARAM L0045157     0.000001436      3.06      4.05      2.85
SRCPARAM L0045158     0.000001436      3.06      4.05      2.85
SRCPARAM L0045159     0.000001436      3.06      4.05      2.85
SRCPARAM L0045160     0.000001436      3.06      4.05      2.85
SRCPARAM L0045161     0.000001436      3.06      4.05      2.85
SRCPARAM L0045162     0.000001436      3.06      4.05      2.85
SRCPARAM L0045163     0.000001436      3.06      4.05      2.85
SRCPARAM L0045164     0.000001436      3.06      4.05      2.85
SRCPARAM L0045165     0.000001436      3.06      4.05      2.85
SRCPARAM L0045166     0.000001436      3.06      4.05      2.85
SRCPARAM L0045167     0.000001436      3.06      4.05      2.85
SRCPARAM L0045168     0.000001436      3.06      4.05      2.85
SRCPARAM L0045169     0.000001436      3.06      4.05      2.85
SRCPARAM L0045170     0.000001436      3.06      4.05      2.85
SRCPARAM L0045171     0.000001436      3.06      4.05      2.85
SRCPARAM L0045172     0.000001436      3.06      4.05      2.85
SRCPARAM L0045173     0.000001436      3.06      4.05      2.85
SRCPARAM L0045174     0.000001436      3.06      4.05      2.85
SRCPARAM L0045175     0.000001436      3.06      4.05      2.85
SRCPARAM L0045176     0.000001436      3.06      4.05      2.85
SRCPARAM L0045177     0.000001436      3.06      4.05      2.85
SRCPARAM L0045178     0.000001436      3.06      4.05      2.85
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   SRCPARAM L0045179     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045180     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045181     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045182     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045183     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045184     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045185     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045186     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045187     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045188     0.000001436      3.06      4.05      2.85
   SRCPARAM L0045189     0.000001436      3.06      4.05      2.85
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** LINE VOLUME Source ID = SLINE2
   SRCPARAM L0045190     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045191     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045192     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045193     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045194     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045195     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045196     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045197     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045198     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045199     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045200     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045201     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045202     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045203     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045204     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045205     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045206     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045207     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045208     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045209     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045210     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045211     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045212     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045213     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045214     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045215     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045216     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045217     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045218     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045219     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045220     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045221     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045222     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045223     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045224     0.0000009016      3.06      4.05      2.85
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SRCPARAM L0045225     0.0000009016      3.06      4.05      2.85
SRCPARAM L0045226     0.0000009016      3.06      4.05      2.85
SRCPARAM L0045227     0.0000009016      3.06      4.05      2.85
SRCPARAM L0045228     0.0000009016      3.06      4.05      2.85
SRCPARAM L0045229     0.0000009016      3.06      4.05      2.85
SRCPARAM L0045230     0.0000009016      3.06      4.05      2.85
SRCPARAM L0045231     0.0000009016      3.06      4.05      2.85
SRCPARAM L0045232     0.0000009016      3.06      4.05      2.85
SRCPARAM L0045233     0.0000009016      3.06      4.05      2.85
SRCPARAM L0045234     0.0000009016      3.06      4.05      2.85
SRCPARAM L0045235     0.0000009016      3.06      4.05      2.85
SRCPARAM L0045236     0.0000009016      3.06      4.05      2.85
SRCPARAM L0045237     0.0000009016      3.06      4.05      2.85
SRCPARAM L0045238     0.0000009016      3.06      4.05      2.85
SRCPARAM L0045239     0.0000009016      3.06      4.05      2.85
SRCPARAM L0045240     0.0000009016      3.06      4.05      2.85
SRCPARAM L0045241     0.0000009016      3.06      4.05      2.85
SRCPARAM L0045242     0.0000009016      3.06      4.05      2.85
SRCPARAM L0045243     0.0000009016      3.06      4.05      2.85
SRCPARAM L0045244     0.0000009016      3.06      4.05      2.85
SRCPARAM L0045245     0.0000009016      3.06      4.05      2.85
SRCPARAM L0045246     0.0000009016      3.06      4.05      2.85
SRCPARAM L0045247     0.0000009016      3.06      4.05      2.85
SRCPARAM L0045248     0.0000009016      3.06      4.05      2.85
SRCPARAM L0045249     0.0000009016      3.06      4.05      2.85
SRCPARAM L0045250     0.0000009016      3.06      4.05      2.85
SRCPARAM L0045251     0.0000009016      3.06      4.05      2.85
SRCPARAM L0045252     0.0000009016      3.06      4.05      2.85
SRCPARAM L0045253     0.0000009016      3.06      4.05      2.85
SRCPARAM L0045254     0.0000009016      3.06      4.05      2.85
SRCPARAM L0045255     0.0000009016      3.06      4.05      2.85
SRCPARAM L0045256     0.0000009016      3.06      4.05      2.85
SRCPARAM L0045257     0.0000009016      3.06      4.05      2.85
SRCPARAM L0045258     0.0000009016      3.06      4.05      2.85
SRCPARAM L0045259     0.0000009016      3.06      4.05      2.85
SRCPARAM L0045260     0.0000009016      3.06      4.05      2.85
SRCPARAM L0045261     0.0000009016      3.06      4.05      2.85
SRCPARAM L0045262     0.0000009016      3.06      4.05      2.85
SRCPARAM L0045263     0.0000009016      3.06      4.05      2.85
SRCPARAM L0045264     0.0000009016      3.06      4.05      2.85
SRCPARAM L0045265     0.0000009016      3.06      4.05      2.85
SRCPARAM L0045266     0.0000009016      3.06      4.05      2.85
SRCPARAM L0045267     0.0000009016      3.06      4.05      2.85
SRCPARAM L0045268     0.0000009016      3.06      4.05      2.85
SRCPARAM L0045269     0.0000009016      3.06      4.05      2.85
SRCPARAM L0045270     0.0000009016      3.06      4.05      2.85
SRCPARAM L0045271     0.0000009016      3.06      4.05      2.85
SRCPARAM L0045272     0.0000009016      3.06      4.05      2.85
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   SRCPARAM L0045273     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045274     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045275     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045276     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045277     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045278     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045279     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045280     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045281     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045282     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045283     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045284     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045285     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045286     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045287     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045288     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045289     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045290     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045291     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045292     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045293     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045294     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045295     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045296     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045297     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045298     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045299     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045300     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045301     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045302     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045303     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045304     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045305     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045306     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045307     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045308     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045309     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045310     0.0000009016      3.06      4.05      2.85
   SRCPARAM L0045311     0.0000009016      3.06      4.05      2.85
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** LINE VOLUME Source ID = SLINE3
   SRCPARAM L0045312     0.00000133      0.00      4.05      2.85
   SRCPARAM L0045313     0.00000133      0.00      4.05      2.85
   SRCPARAM L0045314     0.00000133      0.00      4.05      2.85
   SRCPARAM L0045315     0.00000133      0.00      4.05      2.85
   SRCPARAM L0045316     0.00000133      0.00      4.05      2.85
   SRCPARAM L0045317     0.00000133      0.00      4.05      2.85
   SRCPARAM L0045318     0.00000133      0.00      4.05      2.85
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SRCPARAM L0045319     0.00000133      0.00      4.05      2.85
SRCPARAM L0045320     0.00000133      0.00      4.05      2.85
SRCPARAM L0045321     0.00000133      0.00      4.05      2.85
SRCPARAM L0045322     0.00000133      0.00      4.05      2.85
SRCPARAM L0045323     0.00000133      0.00      4.05      2.85
SRCPARAM L0045324     0.00000133      0.00      4.05      2.85
SRCPARAM L0045325     0.00000133      0.00      4.05      2.85
SRCPARAM L0045326     0.00000133      0.00      4.05      2.85
SRCPARAM L0045327     0.00000133      0.00      4.05      2.85
SRCPARAM L0045328     0.00000133      0.00      4.05      2.85
SRCPARAM L0045329     0.00000133      0.00      4.05      2.85
SRCPARAM L0045330     0.00000133      0.00      4.05      2.85
SRCPARAM L0045331     0.00000133      0.00      4.05      2.85
SRCPARAM L0045332     0.00000133      0.00      4.05      2.85
SRCPARAM L0045333     0.00000133      0.00      4.05      2.85
SRCPARAM L0045334     0.00000133      0.00      4.05      2.85
SRCPARAM L0045335     0.00000133      0.00      4.05      2.85
SRCPARAM L0045336     0.00000133      0.00      4.05      2.85
SRCPARAM L0045337     0.00000133      0.00      4.05      2.85
SRCPARAM L0045338     0.00000133      0.00      4.05      2.85
SRCPARAM L0045339     0.00000133      0.00      4.05      2.85
SRCPARAM L0045340     0.00000133      0.00      4.05      2.85
SRCPARAM L0045341     0.00000133      0.00      4.05      2.85
SRCPARAM L0045342     0.00000133      0.00      4.05      2.85
SRCPARAM L0045343     0.00000133      0.00      4.05      2.85
SRCPARAM L0045344     0.00000133      0.00      4.05      2.85
SRCPARAM L0045345     0.00000133      0.00      4.05      2.85
SRCPARAM L0045346     0.00000133      0.00      4.05      2.85
SRCPARAM L0045347     0.00000133      0.00      4.05      2.85
SRCPARAM L0045348     0.00000133      0.00      4.05      2.85
SRCPARAM L0045349     0.00000133      0.00      4.05      2.85
SRCPARAM L0045350     0.00000133      0.00      4.05      2.85
SRCPARAM L0045351     0.00000133      0.00      4.05      2.85
SRCPARAM L0045352     0.00000133      0.00      4.05      2.85
SRCPARAM L0045353     0.00000133      0.00      4.05      2.85
SRCPARAM L0045354     0.00000133      0.00      4.05      2.85
SRCPARAM L0045355     0.00000133      0.00      4.05      2.85
SRCPARAM L0045356     0.00000133      0.00      4.05      2.85
SRCPARAM L0045357     0.00000133      0.00      4.05      2.85
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SRCPARAM L0045362     0.00000133      0.00      4.05      2.85
SRCPARAM L0045363     0.00000133      0.00      4.05      2.85
SRCPARAM L0045364     0.00000133      0.00      4.05      2.85
SRCPARAM L0045365     0.00000133      0.00      4.05      2.85
SRCPARAM L0045366     0.00000133      0.00      4.05      2.85
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SRCPARAM L0045370     0.00000133      0.00      4.05      2.85
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SRCPARAM L0045376     0.00000133      0.00      4.05      2.85
SRCPARAM L0045377     0.00000133      0.00      4.05      2.85
SRCPARAM L0045378     0.00000133      0.00      4.05      2.85
SRCPARAM L0045379     0.00000133      0.00      4.05      2.85
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SRCPARAM L0045382     0.00000133      0.00      4.05      2.85
SRCPARAM L0045383     0.00000133      0.00      4.05      2.85
SRCPARAM L0045384     0.00000133      0.00      4.05      2.85
SRCPARAM L0045385     0.00000133      0.00      4.05      2.85
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SRCPARAM L0045389     0.00000133      0.00      4.05      2.85
SRCPARAM L0045390     0.00000133      0.00      4.05      2.85
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SRCPARAM L0045411     0.00000133      0.00      4.05      2.85
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SRCPARAM L0045414     0.00000133      0.00      4.05      2.85
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SRCPARAM L0045435     0.00000133      0.00      4.05      2.85
SRCPARAM L0045436     0.00000133      0.00      4.05      2.85
SRCPARAM L0045437     0.00000133      0.00      4.05      2.85
SRCPARAM L0045438     0.00000133      0.00      4.05      2.85
SRCPARAM L0045439     0.00000133      0.00      4.05      2.85
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SRCPARAM L0045462     0.00000133      0.00      4.05      2.85
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   SRCPARAM L0045498     0.00000133      0.00      4.05      2.85
   SRCPARAM L0045499     0.00000133      0.00      4.05      2.85
** ----------------------------------------------------------------------
   URBANSRC ALL

** Variable Emissions Type: "By Hour-of-Day (HROFDY)"
** Variable Emission Scenario: "Scenario 2"
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EMISFACT L0045469     HROFDY 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0045470     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0045470     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0045470     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0045471     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0045472     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0045473     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0045474     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0045474     HROFDY 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0045475     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0045475     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0045475     HROFDY 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0045476     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0045476     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0045476     HROFDY 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0045477     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0045477     HROFDY 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0045478     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0045478     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0045495     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0045495     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0045497     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0045497     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0045497     HROFDY 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0045498     HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0045498     HROFDY 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0045498     HROFDY 1.0 0.0 0.0 0.0 0.0 0.0
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SRCGROUP BNSFcons C3039012 C3039013 C3039014 C3039015 C3039016 C3039017
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SRCGROUP BNSFcons C3039030 C3039031 C3039032 C3039033 C3039034 C3039035
SRCGROUP BNSFcons C3039036 C3039037 C3039038 C3039039 C3039040 C3039041
SRCGROUP BNSFcons C3039042 C3039043 C3039044 C3039045 C3039046 C3039047
SRCGROUP BNSFcons C3039048 C3039049 C3039050 C3039051 C3039052 C3039053
SRCGROUP BNSFcons C3039054 C3039055 C3039056 C3039057 C3039058 C3039059
SRCGROUP BNSFcons C3039060 C3039061 C3039062 C3039063 C3039064 C3039065
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SRCGROUP BNSFcons C3039078 C3039079 C3039080 C3039081 C3039082 C3039083
SRCGROUP BNSFcons C3039084 C3039085 C3039086 C3039087 C3039088 C3039089
SRCGROUP BNSFcons C3039090 C3039091 C3039092 C3039093 C3039094 C3039095
SRCGROUP BNSFcons C3039096 C3039097 C3039098 C3039099 C3039100 C3039101
SRCGROUP BNSFcons C3039102 C3039103 C3039104 C3039105 C3039106 C3039107
SRCGROUP BNSFcons C3039108 C3039109 C3039110 C3039111 C3039112 C3039113
SRCGROUP BNSFcons C3039114 C3039115 C3039116 C3039117 C3039118 C3039119
SRCGROUP BNSFcons C3039120 C3039121 C3039122 C3039123 C3039124 C3039125
SRCGROUP BNSFcons C3039126 C3039127 C3039128 C3039129 C3039130 C3039131
SRCGROUP BNSFcons C3039132 C3039133 C3039134 C3039135 C3039136 C3039137
SRCGROUP BNSFcons C3039138 C3039139 C3039140 C3039141 C3039142 C3039143
SRCGROUP BNSFcons C3039144 C3039145 C3039146 C3039147 C3039148 C3039149
SRCGROUP BNSFcons C3039150 C3039151 C3039152 C3039153 C3039154 C3039155
SRCGROUP BNSFcons C3039156 C3039157 C3039158 C3039159 C3039160 C3039161
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SRCGROUP BNSFcons C3039180 C3039181 C3039182 C3039183 C3039184 C3039185
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SRCGROUP BNSFcons C3039204 C3039205 C3039206 C3039207 C3039208 C3039209
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SRCGROUP BNSFcons C3039228 C3039229 C3039230 C3039231 C3039232 C3039233
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SRCGROUP BNSFcons C3039264 C3039265 C3039266 C3039267 C3039268 C3039269
SRCGROUP BNSFcons C3039270 C3039271 C3039272 C3039273 C3039274 C3039275
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SRCGROUP BNSFcons C3039282 C3039283 C3039284 C3039285 C3039286 C3039287
SRCGROUP BNSFcons C3039288 C3039289 C3039290 C3039291 C3039292 C3039293
SRCGROUP BNSFcons C3039294 C3039295 C3039296 C3039297 C3039298 C3039299
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SRCGROUP BNSFcons C3039306 C3039307 C3039308 C3039309 C3039310 C3039311
SRCGROUP BNSFcons C3039312 C3039313 C3039314 C3039315 C3039316 C3039317
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SRCGROUP BNSFcons C3039324 C3039325 C3039326 C3039327 C3039328 C3039329
SRCGROUP BNSFcons C3039330 C3039331 C3039332 C3039333 C3039334 C3039335
SRCGROUP BNSFcons C3039336 C3039337 C3039338 C3039339 C3039340 C3039341
SRCGROUP BNSFcons C3039342 C3039343 C3039344 C3039345 C3039346 C3039347
SRCGROUP BNSFcons C3039348 C3039349 C3039350 C3039351 C3039352 C3039353
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   SRCGROUP BNSFcons C3039372 C3039373 C3039374 C3039375 C3039376 C3039377
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   SRCGROUP BNSFcons C3039390 C3039391 C3039392 C3039393 C3039394 C3039395
   SRCGROUP BNSFcons C3039396 C3039397 C3039398 C3039399 C3039400 C3039401
   SRCGROUP BNSFcons C3039402 C3039403 C3039404 C3039405 C3039406 C3039407
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   SRCGROUP BNSFcons C3039414 C3039415 C3039416 C3039417 C3039418 C3039419
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   SRCGROUP BNSFcons C4039854 C4039855 C4039856 C4039857 C4039858 C4039859
   SRCGROUP BNSFcons C4039860 C4039861 C4039862 C4039863 C4039864 C4039865
   SRCGROUP BNSFcons C4039866 C4039867 C4039868
   SRCGROUP ALL
SO FINISHED
**
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
   INCLUDED "BNSF Ono_ConPMex.rou"
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
   SURFFILE FontanaADJU\FONT_V9_ADJU\FONT_v9.SFC
   PROFFILE FontanaADJU\FONT_V9_ADJU\FONT_v9.PFL
   SURFDATA 3102 2011
   UAIRDATA 3190 2011
   SITEDATA 99999 2011
   PROFBASE 367.0 METERS
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
```

```
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST "BNSF ONO_CONPMEX.AD\24H1GALL.PLT" 31
   PLOTFILE 24 BNSFcons 1ST "BNSF ONO_CONPMEX.AD\24H1G001.PLT" 32
   PLOTFILE ANNUAL ALL "BNSF ONO_CONPMEX.AD\AN00GALL.PLT" 33
   PLOTFILE ANNUAL BNSFcons "BNSF ONO_CONPMEX.AD\AN00G000.PLT" 34
   SUMMFILE "BNSF Ono_ConPMex.sum"
OU FINISHED


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

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

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


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


    ********   WARNING MESSAGES   ********
 ME W186    6042       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187    6042       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


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

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

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

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

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

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

 **Model Uses URBAN Dispersion Algorithm for the SBL for   959 Source(s),
   for Total of    1 Urban Area(s):
   Urban Population =    216995.0 ;  Urban Roughness Length =  1.000 m

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

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

 **Model Assumes No FLAGPOLE Receptor Heights.

 **The User Specified a Pollutant Type of:  PM_10

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

 **This Run Includes:    959 Source(s);       2 Source Group(s); and    1037
Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    959 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with      0 line(s)


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

 **The AERMET Input Meteorological Data Version Date:  16216
```

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

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

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   367.00 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC                                ;
Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      4.3 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   BNSF Ono_ConPMex.err

 **File for Summary of Results:   BNSF Ono_ConPMex.sum

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                     *** VOLUME SOURCE DATA ***

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

```
(METERS)              BY
 - - -
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 C3039028         0   0.90478E-04  472030.8 3774623.7   332.7     5.00     4.51
3.64     YES   HROFDY
 C3039029         0   0.90478E-04  472030.5 3774633.4   332.8     5.00     4.51
3.64     YES   HROFDY
 C3039030         0   0.90478E-04  472030.3 3774643.1   332.9     5.00     4.51
3.64     YES   HROFDY
 C3039031         0   0.90478E-04  472030.1 3774652.8   333.0     5.00     4.51
3.64     YES   HROFDY
 C3039032         0   0.90478E-04  472029.8 3774662.5   333.0     5.00     4.51
3.64     YES   HROFDY
 C3039033         0   0.90478E-04  472029.6 3774672.2   333.1     5.00     4.51
3.64     YES   HROFDY
 C3039034         0   0.90478E-04  472029.4 3774681.9   333.1     5.00     4.51
3.64     YES   HROFDY
 C3039035         0   0.90478E-04  472024.1 3774689.5   333.3     5.00     4.51
3.64     YES   HROFDY
 C3039036         0   0.90478E-04  472017.4 3774696.5   333.4     5.00     4.51
3.64     YES   HROFDY
 C3039037         0   0.90478E-04  472010.7 3774703.5   333.6     5.00     4.51
3.64     YES   HROFDY
 C3039038         0   0.90478E-04  472003.9 3774710.4   333.6     5.00     4.51
3.64     YES   HROFDY
 C3039039         0   0.90478E-04  472002.4 3774719.6   333.7     5.00     4.51
3.64     YES   HROFDY
 C3039040         0   0.90478E-04  472002.1 3774729.3   333.7     5.00     4.51
3.64     YES   HROFDY
 C3039041         0   0.90478E-04  472001.8 3774739.0   333.8     5.00     4.51
3.64     YES   HROFDY
 C3039042         0   0.90478E-04  472001.5 3774748.7   333.8     5.00     4.51
3.64     YES   HROFDY
 C3039043         0   0.90478E-04  472002.0 3774757.6   333.9     5.00     4.51
3.64     YES   HROFDY
 C3039044         0   0.90478E-04  472011.7 3774758.3   333.8     5.00     4.51
3.64     YES   HROFDY
 C3039045         0   0.90478E-04  472021.4 3774758.9   333.7     5.00     4.51
3.64     YES   HROFDY
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                 *** VOLUME SOURCE DATA ***

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

 C3039046         0   0.90478E-04  472028.5 3774762.0   333.6     5.00     4.51
3.64     YES   HROFDY
 C3039047         0   0.90478E-04  472028.5 3774771.7   333.7     5.00     4.51
3.64     YES   HROFDY
 C3039048         0   0.90478E-04  472028.6 3774781.4   333.8     5.00     4.51
3.64     YES   HROFDY
 C3039049         0   0.90478E-04  472028.7 3774791.1   333.9     5.00     4.51
3.64     YES   HROFDY
 C3039050         0   0.90478E-04  472028.8 3774800.8   333.9     5.00     4.51
3.64     YES   HROFDY
 C3039051         0   0.90478E-04  472028.8 3774810.5   334.0     5.00     4.51
3.64     YES   HROFDY
 C3039052         0   0.90478E-04  472028.9 3774820.2   334.0     5.00     4.51
3.64     YES   HROFDY
 C3039053         0   0.90478E-04  472029.0 3774829.9   334.1     5.00     4.51
3.64     YES   HROFDY
 C3039054         0   0.90478E-04  472027.0 3774838.8   334.2     5.00     4.51
3.64     YES   HROFDY
 C3039055         0   0.90478E-04  472020.1 3774845.5   334.3     5.00     4.51
3.64     YES   HROFDY
 C3039056         0   0.90478E-04  472014.4 3774852.9   334.4     5.00     4.51
3.64     YES   HROFDY
 C3039057         0   0.90478E-04  472013.4 3774862.6   334.5     5.00     4.51
3.64     YES   HROFDY
 C3039058         0   0.90478E-04  472012.3 3774872.2   334.6     5.00     4.51
3.64     YES   HROFDY
 C3039059         0   0.90478E-04  472011.2 3774881.8   334.8     5.00     4.51
3.64     YES   HROFDY
 C3039060         0   0.90478E-04  472018.3 3774888.3   334.8     5.00     4.51
3.64     YES   HROFDY
 C3039061         0   0.90478E-04  472025.6 3774894.8   334.7     5.00     4.51
3.64     YES   HROFDY
 C3039062         0   0.90478E-04  472030.5 3774902.3   334.7     5.00     4.51
3.64     YES   HROFDY
 C3039063         0   0.90478E-04  472030.7 3774912.0   334.8     5.00     4.51
3.64     YES   HROFDY
 C3039064         0   0.90478E-04  472030.9 3774921.7   334.9     5.00     4.51
3.64     YES   HROFDY
 C3039065         0   0.90478E-04  472031.1 3774931.4   335.0     5.00     4.51
3.64     YES   HROFDY
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 C3039066         0   0.90478E-04  472031.3 3774941.1   335.1     5.00     4.51
3.64     YES   HROFDY
 C3039067         0   0.90478E-04  472031.5 3774950.8   335.2     5.00     4.51
3.64     YES   HROFDY
 C3039068         0   0.90478E-04  472031.7 3774960.5   335.3     5.00     4.51
3.64     YES   HROFDY
 C3039069         0   0.90478E-04  472031.9 3774970.2   335.4     5.00     4.51
3.64     YES   HROFDY
 C3039070         0   0.90478E-04  472032.1 3774979.9   335.6     5.00     4.51
3.64     YES   HROFDY
 C3039071         0   0.90478E-04  472032.3 3774989.6   335.8     5.00     4.51
3.64     YES   HROFDY
 C3039072         0   0.90478E-04  472032.5 3774999.3   336.1     5.00     4.51
3.64     YES   HROFDY
 C3039073         0   0.90478E-04  472032.6 3775009.0   336.4     5.00     4.51
3.64     YES   HROFDY
 C3039074         0   0.90478E-04  472032.8 3775018.7   336.7     5.00     4.51
3.64     YES   HROFDY
 C3039075         0   0.90478E-04  472033.0 3775028.4   336.8     5.00     4.51
3.64     YES   HROFDY
 C3039076         0   0.90478E-04  472033.2 3775038.1   336.6     5.00     4.51
3.64     YES   HROFDY
 C3039077         0   0.90478E-04  472033.4 3775047.8   336.4     5.00     4.51
3.64     YES   HROFDY
 C3039078         0   0.90478E-04  472033.6 3775057.4   336.3     5.00     4.51
3.64     YES   HROFDY
 C3039079         0   0.90478E-04  472033.8 3775067.1   336.4     5.00     4.51
3.64     YES   HROFDY
 C3039080         0   0.90478E-04  472034.3 3775076.8   336.4     5.00     4.51
3.64     YES   HROFDY
 C3039081         0   0.90478E-04  472034.9 3775086.5   336.4     5.00     4.51
3.64     YES   HROFDY
 C3039082         0   0.90478E-04  472035.4 3775096.2   336.5     5.00     4.51
3.64     YES   HROFDY
 C3039083         0   0.90478E-04  472036.0 3775105.9   336.5     5.00     4.51
3.64     YES   HROFDY
 C3039084         0   0.90478E-04  472036.5 3775115.6   336.6     5.00     4.51
3.64     YES   HROFDY
 C3039085         0   0.90478E-04  472037.1 3775125.3   336.7     5.00     4.51
3.64     YES   HROFDY
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

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

 C3039086         0   0.90478E-04  472037.7 3775134.9   336.8     5.00     4.51
3.64     YES   HROFDY
 C3039087         0   0.90478E-04  472038.2 3775144.6   336.9     5.00     4.51
3.64     YES   HROFDY
 C3039088         0   0.90478E-04  472038.8 3775154.3   336.9     5.00     4.51
3.64     YES   HROFDY
 C3039089         0   0.90478E-04  472039.3 3775164.0   337.0     5.00     4.51
3.64     YES   HROFDY
 C3039090         0   0.90478E-04  472039.9 3775173.7   337.1     5.00     4.51
3.64     YES   HROFDY
 C3039091         0   0.90478E-04  472040.5 3775183.4   337.2     5.00     4.51
3.64     YES   HROFDY
 C3039092         0   0.90478E-04  472041.0 3775193.0   337.3     5.00     4.51
3.64     YES   HROFDY
 C3039093         0   0.90478E-04  472041.6 3775202.7   337.4     5.00     4.51
3.64     YES   HROFDY
 C3039094         0   0.90478E-04  472042.1 3775212.4   337.5     5.00     4.51
3.64     YES   HROFDY
 C3039095         0   0.90478E-04  472042.7 3775222.1   337.5     5.00     4.51
3.64     YES   HROFDY
 C3039096         0   0.90478E-04  472043.2 3775231.8   337.6     5.00     4.51
3.64     YES   HROFDY
 C3039097         0   0.90478E-04  472043.8 3775241.5   337.7     5.00     4.51
3.64     YES   HROFDY
 C3039098         0   0.90478E-04  472044.4 3775251.1   337.8     5.00     4.51
3.64     YES   HROFDY
 C3039099         0   0.90478E-04  472037.7 3775257.2   338.0     5.00     4.51
3.64     YES   HROFDY
 C3039100         0   0.90478E-04  472029.6 3775262.6   338.2     5.00     4.51
3.64     YES   HROFDY
 C3039101         0   0.90478E-04  472023.7 3775269.1   338.3     5.00     4.51
3.64     YES   HROFDY
 C3039102         0   0.90478E-04  472023.9 3775278.8   338.4     5.00     4.51
3.64     YES   HROFDY
 C3039103         0   0.90478E-04  472024.1 3775288.5   338.5     5.00     4.51
3.64     YES   HROFDY
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 C3039104         0   0.90478E-04  472024.3 3775298.2   338.6     5.00     4.51
3.64     YES   HROFDY
 C3039105         0   0.90478E-04  472024.6 3775307.9   338.7     5.00     4.51
3.64     YES   HROFDY
 C3039106         0   0.90478E-04  472024.8 3775317.6   338.7     5.00     4.51
3.64     YES   HROFDY
 C3039107         0   0.90478E-04  472025.0 3775327.3   338.8     5.00     4.51
3.64     YES   HROFDY
 C3039108         0   0.90478E-04  472025.3 3775337.0   338.9     5.00     4.51
3.64     YES   HROFDY
 C3039109         0   0.90478E-04  472025.5 3775346.7   339.0     5.00     4.51
3.64     YES   HROFDY
 C3039110         0   0.90478E-04  472025.7 3775356.4   339.1     5.00     4.51
3.64     YES   HROFDY
 C3039111         0   0.90478E-04  472025.9 3775366.1   339.2     5.00     4.51
3.64     YES   HROFDY
 C3039112         0   0.90478E-04  472026.2 3775375.8   339.4     5.00     4.51
3.64     YES   HROFDY
 C3039113         0   0.90478E-04  472026.4 3775385.5   339.5     5.00     4.51
3.64     YES   HROFDY
 C3039114         0   0.90478E-04  472026.6 3775395.1   339.6     5.00     4.51
3.64     YES   HROFDY
 C3039115         0   0.90478E-04  472026.8 3775404.8   339.7     5.00     4.51
3.64     YES   HROFDY
 C3039116         0   0.90478E-04  472018.7 3775409.2   339.8     5.00     4.51
3.64     YES   HROFDY
 C3039117         0   0.90478E-04  472009.8 3775413.0   339.9     5.00     4.51
3.64     YES   HROFDY
 C3039118         0   0.90478E-04  472000.9 3775416.8   340.1     5.00     4.51
3.64     YES   HROFDY
 C3039119         0   0.90478E-04  471991.9 3775420.6   340.2     5.00     4.51
3.64     YES   HROFDY
 C3039120         0   0.90478E-04  471995.4 3775427.6   340.2     5.00     4.51
3.64     YES   HROFDY
 C3039121         0   0.90478E-04  472001.3 3775435.3   340.2     5.00     4.51
3.64     YES   HROFDY
 C3039122         0   0.90478E-04  472007.2 3775443.0   340.2     5.00     4.51
3.64     YES   HROFDY
 C3039123         0   0.90478E-04  472013.1 3775450.6   340.3     5.00     4.51
3.64     YES   HROFDY
 C3039124         0   0.90478E-04  472019.0 3775458.3   340.4     5.00     4.51
3.64     YES   HROFDY
 C3039125         0   0.90478E-04  472020.8 3775467.5   340.5     5.00     4.51
3.64     YES   HROFDY
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

 C3039126         0   0.90478E-04  472020.8 3775477.2   340.6     5.00     4.51
3.64     YES   HROFDY
 C3039127         0   0.90478E-04  472020.9 3775486.9   340.8     5.00     4.51
3.64     YES   HROFDY
 C3039128         0   0.90478E-04  472021.0 3775496.6   340.8     5.00     4.51
3.64     YES   HROFDY
 C3039129         0   0.90478E-04  472021.0 3775506.3   340.9     5.00     4.51
3.64     YES   HROFDY
 C3039130         0   0.90478E-04  472021.1 3775516.0   340.9     5.00     4.51
3.64     YES   HROFDY
 C3039131         0   0.90478E-04  472021.2 3775525.7   341.0     5.00     4.51
3.64     YES   HROFDY
 C3039132         0   0.90478E-04  472021.2 3775535.4   341.1     5.00     4.51
3.64     YES   HROFDY
 C3039133         0   0.90478E-04  472021.3 3775545.1   341.1     5.00     4.51
3.64     YES   HROFDY
 C3039134         0   0.90478E-04  472021.4 3775554.8   341.2     5.00     4.51
3.64     YES   HROFDY
 C3039135         0   0.90478E-04  472021.4 3775564.5   341.4     5.00     4.51
3.64     YES   HROFDY
 C3039136         0   0.90478E-04  472021.5 3775574.2   341.5     5.00     4.51
3.64     YES   HROFDY
 C3039137         0   0.90478E-04  472022.1 3775583.8   341.7     5.00     4.51
3.64     YES   HROFDY
 C3039138         0   0.90478E-04  472022.7 3775593.5   342.0     5.00     4.51
3.64     YES   HROFDY
 C3039139         0   0.90478E-04  472023.4 3775603.2   342.3     5.00     4.51
3.64     YES   HROFDY
 C3039140         0   0.90478E-04  472024.0 3775612.9   342.8     5.00     4.51
3.64     YES   HROFDY
 C3039141         0   0.90478E-04  472028.6 3775620.6   343.1     5.00     4.51
3.64     YES   HROFDY
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 C3039142         0   0.90478E-04  472035.9 3775626.9   342.5     5.00     4.51
3.64     YES   HROFDY
 C3039143         0   0.90478E-04  472043.3 3775633.3   341.7     5.00     4.51
3.64     YES   HROFDY
 C3039144         0   0.90478E-04  472046.8 3775641.3   341.4     5.00     4.51
3.64     YES   HROFDY
 C3039145         0   0.90478E-04  472046.7 3775651.0   341.5     5.00     4.51
3.64     YES   HROFDY
 C3039146         0   0.90478E-04  472046.6 3775660.7   341.6     5.00     4.51
3.64     YES   HROFDY
 C3039147         0   0.90478E-04  472046.5 3775670.4   341.6     5.00     4.51
3.64     YES   HROFDY
 C3039148         0   0.90478E-04  472046.4 3775680.1   341.8     5.00     4.51
3.64     YES   HROFDY
 C3039149         0   0.90478E-04  472046.3 3775689.8   341.9     5.00     4.51
3.64     YES   HROFDY
 C3039150         0   0.90478E-04  472046.2 3775699.5   342.1     5.00     4.51
3.64     YES   HROFDY
 C3039151         0   0.90478E-04  472046.1 3775709.2   342.2     5.00     4.51
3.64     YES   HROFDY
 C3039152         0   0.90478E-04  472046.0 3775718.9   342.3     5.00     4.51
3.64     YES   HROFDY
 C3039153         0   0.90478E-04  472045.9 3775728.6   342.3     5.00     4.51
3.64     YES   HROFDY
 C3039154         0   0.90478E-04  472045.8 3775738.3   342.4     5.00     4.51
3.64     YES   HROFDY
 C3039155         0   0.90478E-04  472045.7 3775748.0   342.5     5.00     4.51
3.64     YES   HROFDY
 C3039156         0   0.90478E-04  472045.6 3775757.7   342.6     5.00     4.51
3.64     YES   HROFDY
 C3039157         0   0.90478E-04  472045.5 3775767.4   342.7     5.00     4.51
3.64     YES   HROFDY
 C3039158         0   0.90478E-04  472045.4 3775777.1   342.9     5.00     4.51
3.64     YES   HROFDY
 C3039159         0   0.90478E-04  472045.3 3775786.8   343.1     5.00     4.51
3.64     YES   HROFDY
 C3039160         0   0.90478E-04  472045.2 3775796.5   343.3     5.00     4.51
3.64     YES   HROFDY
 C3039161         0   0.90478E-04  472045.1 3775806.2   343.5     5.00     4.51
3.64     YES   HROFDY
 C3039162         0   0.90478E-04  472045.0 3775815.9   343.7     5.00     4.51
3.64     YES   HROFDY
 C3039163         0   0.90478E-04  472044.9 3775825.6   343.9     5.00     4.51
3.64     YES   HROFDY
 C3039164         0   0.90478E-04  472044.8 3775835.3   344.0     5.00     4.51
3.64     YES   HROFDY
 C3039165         0   0.90478E-04  472044.7 3775845.0   344.0     5.00     4.51
3.64     YES   HROFDY
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 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
C3039166	0	0.90478E-04	472044.6	3775854.7	344.0	5.00	4.51	3.64	YES	HROFDY
C3039167	0	0.90478E-04	472044.5	3775864.4	344.0	5.00	4.51	3.64	YES	HROFDY
C3039168	0	0.90478E-04	472044.5	3775874.1	344.0	5.00	4.51	3.64	YES	HROFDY
C3039169	0	0.90478E-04	472044.5	3775883.8	344.0	5.00	4.51	3.64	YES	HROFDY
C3039170	0	0.90478E-04	472044.5	3775893.5	344.0	5.00	4.51	3.64	YES	HROFDY
C3039171	0	0.90478E-04	472044.5	3775903.2	344.0	5.00	4.51	3.64	YES	HROFDY
C3039172	0	0.90478E-04	472044.5	3775912.9	344.1	5.00	4.51	3.64	YES	HROFDY
C3039173	0	0.90478E-04	472044.5	3775922.6	344.1	5.00	4.51	3.64	YES	HROFDY
C3039174	0	0.90478E-04	472044.5	3775932.3	344.1	5.00	4.51	3.64	YES	HROFDY
C3039175	0	0.90478E-04	472044.5	3775942.0	344.2	5.00	4.51	3.64	YES	HROFDY
C3039176	0	0.90478E-04	472044.5	3775951.7	344.2	5.00	4.51	3.64	YES	HROFDY
C3039177	0	0.90478E-04	472044.5	3775961.4	344.3	5.00	4.51	3.64	YES	HROFDY
C3039178	0	0.90478E-04	472044.5	3775971.1	344.4	5.00	4.51	3.64	YES	HROFDY
C3039179	0	0.90478E-04	472044.5	3775980.8	344.4	5.00	4.51	3.64	YES	HROFDY

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 C3039180         0   0.90478E-04  472044.5 3775990.5   344.5     5.00     4.51
3.64     YES   HROFDY
 C3039181         0   0.90478E-04  472044.5 3776000.2   344.6     5.00     4.51
3.64     YES   HROFDY
 C3039182         0   0.90478E-04  472044.2 3776009.8   344.7     5.00     4.51
3.64     YES   HROFDY
 C3039183         0   0.90478E-04  472038.3 3776017.6   345.1     5.00     4.51
3.64     YES   HROFDY
 C3039184         0   0.90478E-04  472032.5 3776025.3   345.2     5.00     4.51
3.64     YES   HROFDY
 C3039185         0   0.90478E-04  472026.7 3776033.1   345.4     5.00     4.51
3.64     YES   HROFDY
 C3039186         0   0.90478E-04  472023.6 3776041.7   345.5     5.00     4.51
3.64     YES   HROFDY
 C3039187         0   0.90478E-04  472023.9 3776051.4   345.6     5.00     4.51
3.64     YES   HROFDY
 C3039188         0   0.90478E-04  472024.1 3776061.1   345.7     5.00     4.51
3.64     YES   HROFDY
 C3039189         0   0.90478E-04  472024.4 3776070.8   345.7     5.00     4.51
3.64     YES   HROFDY
 C3039190         0   0.90478E-04  472024.6 3776080.5   345.8     5.00     4.51
3.64     YES   HROFDY
 C3039191         0   0.90478E-04  472024.9 3776090.2   345.8     5.00     4.51
3.64     YES   HROFDY
 C3039192         0   0.90478E-04  472025.1 3776099.9   345.9     5.00     4.51
3.64     YES   HROFDY
 C3039193         0   0.90478E-04  472025.4 3776109.6   345.9     5.00     4.51
3.64     YES   HROFDY
 C3039194         0   0.90478E-04  472025.6 3776119.3   346.0     5.00     4.51
3.64     YES   HROFDY
 C3039195         0   0.90478E-04  472025.9 3776129.0   346.0     5.00     4.51
3.64     YES   HROFDY
 C3039196         0   0.90478E-04  472026.1 3776138.7   346.1     5.00     4.51
3.64     YES   HROFDY
 C3039197         0   0.90478E-04  472026.6 3776148.4   346.1     5.00     4.51
3.64     YES   HROFDY
 C3039198         0   0.90478E-04  472027.9 3776158.0   346.2     5.00     4.51
3.64     YES   HROFDY
 C3039199         0   0.90478E-04  472029.2 3776167.6   346.3     5.00     4.51
3.64     YES   HROFDY
 C3039200         0   0.90478E-04  472030.6 3776177.2   346.3     5.00     4.51
3.64     YES   HROFDY
 C3039201         0   0.90478E-04  472031.9 3776186.8   346.4     5.00     4.51
3.64     YES   HROFDY
 C3039202         0   0.90478E-04  472033.3 3776196.4   346.5     5.00     4.51
3.64     YES   HROFDY
 C3039203         0   0.90478E-04  472034.6 3776206.0   346.5     5.00     4.51
3.64     YES   HROFDY
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 C3039204         0   0.90478E-04  472036.0 3776215.6   346.6     5.00     4.51
3.64     YES   HROFDY
 C3039205         0   0.90478E-04  472035.3 3776225.3   346.6     5.00     4.51
3.64     YES   HROFDY
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                     *** VOLUME SOURCE DATA ***

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

 C3039206         0   0.90478E-04  472034.3 3776234.9   346.6     5.00     4.51
3.64     YES   HROFDY
 C3039207         0   0.90478E-04  472033.3 3776244.6   346.6     5.00     4.51
3.64     YES   HROFDY
 C3039208         0   0.90478E-04  472032.4 3776254.2   346.6     5.00     4.51
3.64     YES   HROFDY
 C3039209         0   0.90478E-04  472031.4 3776263.9   346.4     5.00     4.51
3.64     YES   HROFDY
 C3039210         0   0.90478E-04  472030.5 3776273.5   346.3     5.00     4.51
3.64     YES   HROFDY
 C3039211         0   0.90478E-04  472029.5 3776283.2   346.3     5.00     4.51
3.64     YES   HROFDY
 C3039212         0   0.90478E-04  472028.6 3776292.8   346.2     5.00     4.51
3.64     YES   HROFDY
 C3039213         0   0.90478E-04  472027.6 3776302.5   346.1     5.00     4.51
3.64     YES   HROFDY
 C3039214         0   0.90478E-04  472026.0 3776312.0   346.1     5.00     4.51
3.64     YES   HROFDY
 C3039215         0   0.90478E-04  472024.1 3776321.6   346.2     5.00     4.51
3.64     YES   HROFDY
 C3039216         0   0.90478E-04  472022.2 3776331.1   346.2     5.00     4.51
3.64     YES   HROFDY
 C3039217         0   0.90478E-04  472020.4 3776340.6   346.3     5.00     4.51
3.64     YES   HROFDY
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 C3039218         0   0.90478E-04  472018.5 3776350.1   346.5     5.00     4.51
3.64     YES   HROFDY
 C3039219         0   0.90478E-04  472016.6 3776359.6   346.2     5.00     4.51
3.64     YES   HROFDY
 C3039220         0   0.90478E-04  472014.7 3776369.1   345.8     5.00     4.51
3.64     YES   HROFDY
 C3039221         0   0.90478E-04  472007.9 3776375.8   346.2     5.00     4.51
3.64     YES   HROFDY
 C3039222         0   0.90478E-04  472000.5 3776382.1   346.9     5.00     4.51
3.64     YES   HROFDY
 C3039223         0   0.90478E-04  471995.9 3776389.7   347.3     5.00     4.51
3.64     YES   HROFDY
 C3039224         0   0.90478E-04  471995.6 3776399.3   347.1     5.00     4.51
3.64     YES   HROFDY
 C3039225         0   0.90478E-04  471995.4 3776409.0   346.9     5.00     4.51
3.64     YES   HROFDY
 C3039226         0   0.90478E-04  471995.1 3776418.7   346.6     5.00     4.51
3.64     YES   HROFDY
 C3039227         0   0.90478E-04  471994.9 3776428.4   346.1     5.00     4.51
3.64     YES   HROFDY
 C3039228         0   0.90478E-04  471991.7 3776437.4   346.0     5.00     4.51
3.64     YES   HROFDY
 C3039229         0   0.90478E-04  471987.1 3776445.9   346.2     5.00     4.51
3.64     YES   HROFDY
 C3039230         0   0.90478E-04  471982.5 3776454.4   346.4     5.00     4.51
3.64     YES   HROFDY
 C3039231         0   0.90478E-04  471977.8 3776462.9   346.9     5.00     4.51
3.64     YES   HROFDY
 C3039232         0   0.90478E-04  471973.2 3776471.4   347.4     5.00     4.51
3.64     YES   HROFDY
 C3039233         0   0.90478E-04  471968.5 3776479.9   347.8     5.00     4.51
3.64     YES   HROFDY
 C3039234         0   0.90478E-04  471963.9 3776488.4   347.8     5.00     4.51
3.64     YES   HROFDY
 C3039235         0   0.90478E-04  471959.2 3776497.0   347.8     5.00     4.51
3.64     YES   HROFDY
 C3039236         0   0.90478E-04  471954.6 3776505.5   348.0     5.00     4.51
3.64     YES   HROFDY
 C3039237         0   0.90478E-04  471949.9 3776514.0   348.2     5.00     4.51
3.64     YES   HROFDY
 C3039238         0   0.90478E-04  471945.3 3776522.5   348.6     5.00     4.51
3.64     YES   HROFDY
 C3039239         0   0.90478E-04  471940.6 3776531.0   349.0     5.00     4.51
3.64     YES   HROFDY
 C3039240         0   0.90478E-04  471936.0 3776539.5   348.8     5.00     4.51
3.64     YES   HROFDY
 C3039241         0   0.90478E-04  471931.3 3776548.0   348.7     5.00     4.51
3.64     YES   HROFDY
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 C3039242         0   0.90478E-04  471926.7 3776556.6   348.8     5.00     4.51
3.64     YES   HROFDY
 C3039243         0   0.90478E-04  471922.0 3776565.1   349.2     5.00     4.51
3.64     YES   HROFDY
 C3039244         0   0.90478E-04  471917.0 3776573.4   349.4     5.00     4.51
3.64     YES   HROFDY
 C3039245         0   0.90478E-04  471911.5 3776581.4   349.3     5.00     4.51
3.64     YES   HROFDY
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                     *** VOLUME SOURCE DATA ***

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

 C3039246         0   0.90478E-04  471906.0 3776589.4   349.4     5.00     4.51
3.64     YES   HROFDY
 C3039247         0   0.90478E-04  471901.0 3776597.6   349.5     5.00     4.51
3.64     YES   HROFDY
 C3039248         0   0.90478E-04  471897.0 3776606.5   349.6     5.00     4.51
3.64     YES   HROFDY
 C3039249         0   0.90478E-04  471893.1 3776615.3   349.6     5.00     4.51
3.64     YES   HROFDY
 C3039250         0   0.90478E-04  471887.8 3776623.3   349.6     5.00     4.51
3.64     YES   HROFDY
 C3039251         0   0.90478E-04  471881.2 3776630.4   349.9     5.00     4.51
3.64     YES   HROFDY
 C3039252         0   0.90478E-04  471874.6 3776637.5   350.2     5.00     4.51
3.64     YES   HROFDY
 C3039253         0   0.90478E-04  471868.0 3776644.6   350.4     5.00     4.51
3.64     YES   HROFDY
 C3039254         0   0.90478E-04  471861.4 3776651.7   350.5     5.00     4.51
3.64     YES   HROFDY
 C3039255         0   0.90478E-04  471854.8 3776658.8   350.7     5.00     4.51
3.64     YES   HROFDY
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 C3039256         0   0.90478E-04  471848.2 3776665.9   350.9     5.00     4.51
3.64     YES   HROFDY
 C3039257         0   0.90478E-04  471841.6 3776673.1   351.1     5.00     4.51
3.64     YES   HROFDY
 C3039258         0   0.90478E-04  471835.0 3776680.2   351.2     5.00     4.51
3.64     YES   HROFDY
 C3039259         0   0.90478E-04  471828.4 3776687.3   351.3     5.00     4.51
3.64     YES   HROFDY
 C3039260         0   0.90478E-04  471821.8 3776694.4   351.6     5.00     4.51
3.64     YES   HROFDY
 C3039261         0   0.90478E-04  471815.2 3776701.5   351.7     5.00     4.51
3.64     YES   HROFDY
 C3039262         0   0.90478E-04  471808.6 3776708.6   351.8     5.00     4.51
3.64     YES   HROFDY
 C3039263         0   0.90478E-04  471802.0 3776715.7   351.9     5.00     4.51
3.64     YES   HROFDY
 C3039264         0   0.90478E-04  471795.4 3776722.8   352.2     5.00     4.51
3.64     YES   HROFDY
 C3039265         0   0.90478E-04  471788.5 3776729.7   352.4     5.00     4.51
3.64     YES   HROFDY
 C3039266         0   0.90478E-04  471780.9 3776735.6   352.5     5.00     4.51
3.64     YES   HROFDY
 C3039267         0   0.90478E-04  471773.3 3776741.6   352.6     5.00     4.51
3.64     YES   HROFDY
 C3039268         0   0.90478E-04  471765.6 3776747.6   352.7     5.00     4.51
3.64     YES   HROFDY
 C3039269         0   0.90478E-04  471758.0 3776753.6   352.9     5.00     4.51
3.64     YES   HROFDY
 C3039270         0   0.90478E-04  471750.3 3776759.5   353.1     5.00     4.51
3.64     YES   HROFDY
 C3039271         0   0.90478E-04  471742.7 3776765.5   353.2     5.00     4.51
3.64     YES   HROFDY
 C3039272         0   0.90478E-04  471735.1 3776771.5   353.3     5.00     4.51
3.64     YES   HROFDY
 C3039273         0   0.90478E-04  471727.4 3776777.5   353.4     5.00     4.51
3.64     YES   HROFDY
 C3039274         0   0.90478E-04  471719.8 3776783.5   353.6     5.00     4.51
3.64     YES   HROFDY
 C3039275         0   0.90478E-04  471712.1 3776789.4   353.8     5.00     4.51
3.64     YES   HROFDY
 C3039276         0   0.90478E-04  471704.5 3776795.4   353.9     5.00     4.51
3.64     YES   HROFDY
 C3039277         0   0.90478E-04  471696.9 3776801.4   354.0     5.00     4.51
3.64     YES   HROFDY
 C3039278         0   0.90478E-04  471689.2 3776807.4   354.1     5.00     4.51
3.64     YES   HROFDY
 C3039279         0   0.90478E-04  471681.6 3776813.3   354.2     5.00     4.51
3.64     YES   HROFDY
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 C3039280         0   0.90478E-04  471673.9 3776819.2   354.3     5.00     4.51
3.64     YES   HROFDY
 C3039281         0   0.90478E-04  471666.2 3776825.2   354.4     5.00     4.51
3.64     YES   HROFDY
 C3039282         0   0.90478E-04  471658.5 3776831.1   354.5     5.00     4.51
3.64     YES   HROFDY
 C3039283         0   0.90478E-04  471650.9 3776837.0   354.6     5.00     4.51
3.64     YES   HROFDY
 C3039284         0   0.90478E-04  471643.2 3776843.0   354.7     5.00     4.51
3.64     YES   HROFDY
 C3039285         0   0.90478E-04  471635.5 3776848.9   354.8     5.00     4.51
3.64     YES   HROFDY
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                   *** VOLUME SOURCE DATA ***

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

 C3039286         0   0.90478E-04  471627.8 3776854.8   354.9     5.00     4.51
3.64     YES   HROFDY
 C3039287         0   0.90478E-04  471620.1 3776860.7   355.0     5.00     4.51
3.64     YES   HROFDY
 C3039288         0   0.90478E-04  471612.5 3776866.7   355.1     5.00     4.51
3.64     YES   HROFDY
 C3039289         0   0.90478E-04  471604.8 3776872.6   355.2     5.00     4.51
3.64     YES   HROFDY
 C3039290         0   0.90478E-04  471597.1 3776878.5   355.4     5.00     4.51
3.64     YES   HROFDY
 C3039291         0   0.90478E-04  471589.4 3776884.5   355.5     5.00     4.51
3.64     YES   HROFDY
 C3039292         0   0.90478E-04  471581.8 3776890.5   355.6     5.00     4.51
3.64     YES   HROFDY
 C3039293         0   0.90478E-04  471574.3 3776896.6   355.8     5.00     4.51
3.64     YES   HROFDY
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 C3039294         0   0.90478E-04  471566.7 3776902.7   355.9     5.00     4.51
3.64     YES   HROFDY
 C3039295         0   0.90478E-04  471559.2 3776908.7   356.1     5.00     4.51
3.64     YES   HROFDY
 C3039296         0   0.90478E-04  471551.6 3776914.8   356.3     5.00     4.51
3.64     YES   HROFDY
 C3039297         0   0.90478E-04  471544.1 3776920.9   356.4     5.00     4.51
3.64     YES   HROFDY
 C3039298         0   0.90478E-04  471536.5 3776927.0   356.6     5.00     4.51
3.64     YES   HROFDY
 C3039299         0   0.90478E-04  471528.9 3776933.1   356.6     5.00     4.51
3.64     YES   HROFDY
 C3039300         0   0.90478E-04  471521.4 3776939.1   356.7     5.00     4.51
3.64     YES   HROFDY
 C3039301         0   0.90478E-04  471513.8 3776945.2   356.8     5.00     4.51
3.64     YES   HROFDY
 C3039302         0   0.90478E-04  471506.3 3776951.3   356.9     5.00     4.51
3.64     YES   HROFDY
 C3039303         0   0.90478E-04  471498.7 3776957.4   357.1     5.00     4.51
3.64     YES   HROFDY
 C3039304         0   0.90478E-04  471491.1 3776963.4   357.2     5.00     4.51
3.64     YES   HROFDY
 C3039305         0   0.90478E-04  471483.6 3776969.5   357.3     5.00     4.51
3.64     YES   HROFDY
 C3039306         0   0.90478E-04  471476.0 3776975.6   357.4     5.00     4.51
3.64     YES   HROFDY
 C3039307         0   0.90478E-04  471468.5 3776981.7   357.5     5.00     4.51
3.64     YES   HROFDY
 C3039308         0   0.90478E-04  471460.9 3776987.8   357.6     5.00     4.51
3.64     YES   HROFDY
 C3039309         0   0.90478E-04  471453.4 3776993.8   357.7     5.00     4.51
3.64     YES   HROFDY
 C3039310         0   0.90478E-04  471445.8 3776999.9   357.8     5.00     4.51
3.64     YES   HROFDY
 C3039311         0   0.90478E-04  471438.2 3777006.0   357.9     5.00     4.51
3.64     YES   HROFDY
 C3039312         0   0.90478E-04  471430.7 3777012.1   358.0     5.00     4.51
3.64     YES   HROFDY
 C3039313         0   0.90478E-04  471423.1 3777018.2   358.1     5.00     4.51
3.64     YES   HROFDY
 C3039314         0   0.90478E-04  471415.6 3777024.2   358.2     5.00     4.51
3.64     YES   HROFDY
 C3039315         0   0.90478E-04  471408.0 3777030.3   358.3     5.00     4.51
3.64     YES   HROFDY
 C3039316         0   0.90478E-04  471400.4 3777036.4   358.5     5.00     4.51
3.64     YES   HROFDY
 C3039317         0   0.90478E-04  471392.9 3777042.5   358.6     5.00     4.51
3.64     YES   HROFDY
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 C3039318         0   0.90478E-04  471385.3 3777048.6   358.7     5.00     4.51
3.64     YES   HROFDY
 C3039319         0   0.90478E-04  471377.8 3777054.6   358.8     5.00     4.51
3.64     YES   HROFDY
 C3039320         0   0.90478E-04  471370.2 3777060.7   358.9     5.00     4.51
3.64     YES   HROFDY
 C3039321         0   0.90478E-04  471362.6 3777066.7   359.1     5.00     4.51
3.64     YES   HROFDY
 C3039322         0   0.90478E-04  471355.0 3777072.7   359.2     5.00     4.51
3.64     YES   HROFDY
 C3039323         0   0.90478E-04  471347.4 3777078.8   359.3     5.00     4.51
3.64     YES   HROFDY
 C3039324         0   0.90478E-04  471339.8 3777084.8   359.4     5.00     4.51
3.64     YES   HROFDY
 C3039325         0   0.90478E-04  471332.2 3777090.8   359.6     5.00     4.51
3.64     YES   HROFDY
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                   *** VOLUME SOURCE DATA ***

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

 C3039326         0   0.90478E-04  471324.6 3777096.9   359.7     5.00     4.51
3.64     YES   HROFDY
 C3039327         0   0.90478E-04  471317.0 3777102.9   359.9     5.00     4.51
3.64     YES   HROFDY
 C3039328         0   0.90478E-04  471309.4 3777109.0   360.0     5.00     4.51
3.64     YES   HROFDY
 C3039329         0   0.90478E-04  471301.8 3777115.0   360.1     5.00     4.51
3.64     YES   HROFDY
 C3039330         0   0.90478E-04  471294.2 3777121.0   360.3     5.00     4.51
3.64     YES   HROFDY
 C3039331         0   0.90478E-04  471286.6 3777127.1   360.4     5.00     4.51
3.64     YES   HROFDY
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 C3039332         0   0.90478E-04  471279.1 3777133.1   360.6     5.00     4.51
3.64     YES   HROFDY
 C3039333         0   0.90478E-04  471271.5 3777139.1   360.7     5.00     4.51
3.64     YES   HROFDY
 C3039334         0   0.90478E-04  471263.9 3777145.2   360.8     5.00     4.51
3.64     YES   HROFDY
 C3039335         0   0.90478E-04  471256.3 3777151.2   361.0     5.00     4.51
3.64     YES   HROFDY
 C3039336         0   0.90478E-04  471248.7 3777157.3   361.1     5.00     4.51
3.64     YES   HROFDY
 C3039337         0   0.90478E-04  471241.1 3777163.3   361.2     5.00     4.51
3.64     YES   HROFDY
 C3039338         0   0.90478E-04  471233.5 3777169.3   361.4     5.00     4.51
3.64     YES   HROFDY
 C3039339         0   0.90478E-04  471225.9 3777175.4   361.6     5.00     4.51
3.64     YES   HROFDY
 C3039340         0   0.90478E-04  471218.3 3777181.4   361.7     5.00     4.51
3.64     YES   HROFDY
 C3039341         0   0.90478E-04  471210.7 3777187.4   361.9     5.00     4.51
3.64     YES   HROFDY
 C3039342         0   0.90478E-04  471203.1 3777193.5   362.0     5.00     4.51
3.64     YES   HROFDY
 C3039343         0   0.90478E-04  471195.4 3777199.4   362.2     5.00     4.51
3.64     YES   HROFDY
 C3039344         0   0.90478E-04  471187.8 3777205.3   362.3     5.00     4.51
3.64     YES   HROFDY
 C3039345         0   0.90478E-04  471180.1 3777211.2   362.5     5.00     4.51
3.64     YES   HROFDY
 C3039346         0   0.90478E-04  471172.4 3777217.1   362.7     5.00     4.51
3.64     YES   HROFDY
 C3039347         0   0.90478E-04  471164.7 3777223.1   362.8     5.00     4.51
3.64     YES   HROFDY
 C3039348         0   0.90478E-04  471157.0 3777229.0   362.9     5.00     4.51
3.64     YES   HROFDY
 C3039349         0   0.90478E-04  471149.3 3777234.9   363.1     5.00     4.51
3.64     YES   HROFDY
 C3039350         0   0.90478E-04  471141.6 3777240.8   363.4     5.00     4.51
3.64     YES   HROFDY
 C3039351         0   0.90478E-04  471134.0 3777246.7   363.6     5.00     4.51
3.64     YES   HROFDY
 C3039352         0   0.90478E-04  471126.3 3777252.6   363.7     5.00     4.51
3.64     YES   HROFDY
 C3039353         0   0.90478E-04  471118.6 3777258.6   363.8     5.00     4.51
3.64     YES   HROFDY
 C3039354         0   0.90478E-04  471110.9 3777264.5   364.0     5.00     4.51
3.64     YES   HROFDY
 C3039355         0   0.90478E-04  471103.2 3777270.4   364.2     5.00     4.51
3.64     YES   HROFDY
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 C3039356         0   0.90478E-04  471095.5 3777276.3   364.5     5.00     4.51
3.64     YES   HROFDY
 C3039357         0   0.90478E-04  471087.8 3777282.2   364.6     5.00     4.51
3.64     YES   HROFDY
 C3039358         0   0.90478E-04  471080.2 3777288.2   364.8     5.00     4.51
3.64     YES   HROFDY
 C3039359         0   0.90478E-04  471072.5 3777294.1   365.0     5.00     4.51
3.64     YES   HROFDY
 C3039360         0   0.90478E-04  471064.8 3777300.0   365.2     5.00     4.51
3.64     YES   HROFDY
 C3039361         0   0.90478E-04  471057.1 3777305.9   365.4     5.00     4.51
3.64     YES   HROFDY
 C3039362         0   0.90478E-04  471049.4 3777311.8   365.5     5.00     4.51
3.64     YES   HROFDY
 C3039363         0   0.90478E-04  471041.7 3777317.7   365.7     5.00     4.51
3.64     YES   HROFDY
 C3039364         0   0.90478E-04  471034.0 3777323.7   365.8     5.00     4.51
3.64     YES   HROFDY
 C3039365         0   0.90478E-04  471026.7 3777330.0   366.0     5.00     4.51
3.64     YES   HROFDY
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                   *** VOLUME SOURCE DATA ***

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

 C3039366         0   0.90478E-04  471019.4 3777336.4   366.2     5.00     4.51
3.64     YES   HROFDY
 C3039367         0   0.90478E-04  471012.1 3777342.8   366.3     5.00     4.51
3.64     YES   HROFDY
 C3039368         0   0.90478E-04  471004.8 3777349.2   366.4     5.00     4.51
3.64     YES   HROFDY
 C3039369         0   0.90478E-04  470997.5 3777355.6   366.6     5.00     4.51
3.64     YES   HROFDY
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 C3039370         0   0.90478E-04  470990.2 3777362.0   366.8     5.00     4.51
3.64     YES   HROFDY
 C3039371         0   0.90478E-04  470982.9 3777368.4   367.0     5.00     4.51
3.64     YES   HROFDY
 C3039372         0   0.90478E-04  470975.6 3777374.8   367.2     5.00     4.51
3.64     YES   HROFDY
 C3039373         0   0.90478E-04  470968.3 3777381.1   367.4     5.00     4.51
3.64     YES   HROFDY
 C3039374         0   0.90478E-04  470961.0 3777387.5   367.6     5.00     4.51
3.64     YES   HROFDY
 C3039375         0   0.90478E-04  470953.7 3777393.9   367.7     5.00     4.51
3.64     YES   HROFDY
 C3039376         0   0.90478E-04  470946.4 3777400.3   367.9     5.00     4.51
3.64     YES   HROFDY
 C3039377         0   0.90478E-04  470939.1 3777406.7   368.1     5.00     4.51
3.64     YES   HROFDY
 C3039378         0   0.90478E-04  470931.8 3777413.1   368.3     5.00     4.51
3.64     YES   HROFDY
 C3039379         0   0.90478E-04  470924.5 3777419.5   368.5     5.00     4.51
3.64     YES   HROFDY
 C3039380         0   0.90478E-04  470917.3 3777426.0   368.6     5.00     4.51
3.64     YES   HROFDY
 C3039381         0   0.90478E-04  470910.5 3777432.8   368.8     5.00     4.51
3.64     YES   HROFDY
 C3039382         0   0.90478E-04  470903.6 3777439.7   369.0     5.00     4.51
3.64     YES   HROFDY
 C3039383         0   0.90478E-04  470896.8 3777446.6   369.2     5.00     4.51
3.64     YES   HROFDY
 C3039384         0   0.90478E-04  470889.9 3777453.4   369.4     5.00     4.51
3.64     YES   HROFDY
 C3039385         0   0.90478E-04  470883.0 3777460.3   369.6     5.00     4.51
3.64     YES   HROFDY
 C3039386         0   0.90478E-04  470876.2 3777467.1   369.8     5.00     4.51
3.64     YES   HROFDY
 C3039387         0   0.90478E-04  470869.3 3777474.0   370.1     5.00     4.51
3.64     YES   HROFDY
 C3039388         0   0.90478E-04  470862.5 3777480.8   370.3     5.00     4.51
3.64     YES   HROFDY
 C3039389         0   0.90478E-04  470855.6 3777487.7   370.4     5.00     4.51
3.64     YES   HROFDY
 C3039390         0   0.90478E-04  470848.7 3777494.6   370.6     5.00     4.51
3.64     YES   HROFDY
 C3039391         0   0.90478E-04  470841.9 3777501.4   370.8     5.00     4.51
3.64     YES   HROFDY
 C3039392         0   0.90478E-04  470835.0 3777508.3   371.1     5.00     4.51
3.64     YES   HROFDY
 C3039393         0   0.90478E-04  470828.2 3777515.1   371.2     5.00     4.51
3.64     YES   HROFDY
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 C3039394         0   0.90478E-04  470821.3 3777522.0   371.2     5.00     4.51
3.64     YES   HROFDY
 C3039395         0   0.90478E-04  470814.4 3777528.8   371.4     5.00     4.51
3.64     YES   HROFDY
 C3039396         0   0.90478E-04  470807.6 3777535.7   371.7     5.00     4.51
3.64     YES   HROFDY
 C3039397         0   0.90478E-04  470800.7 3777542.6   371.8     5.00     4.51
3.64     YES   HROFDY
 C3039398         0   0.90478E-04  470793.9 3777549.4   371.7     5.00     4.51
3.64     YES   HROFDY
 C3039399         0   0.90478E-04  470787.0 3777556.3   371.7     5.00     4.51
3.64     YES   HROFDY
 C3039400         0   0.90478E-04  470780.1 3777563.1   372.3     5.00     4.51
3.64     YES   HROFDY
 C3039401         0   0.90478E-04  470773.3 3777570.0   372.5     5.00     4.51
3.64     YES   HROFDY
 C3039402         0   0.90478E-04  470766.4 3777576.8   372.4     5.00     4.51
3.64     YES   HROFDY
 C3039403         0   0.90478E-04  470760.1 3777584.2   372.6     5.00     4.51
3.64     YES   HROFDY
 C3039404         0   0.90478E-04  470753.8 3777591.6   373.6     5.00     4.51
3.64     YES   HROFDY
 C3039405         0   0.90478E-04  470747.6 3777599.0   374.5     5.00     4.51
3.64     YES   HROFDY
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                   *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 C3039406         0   0.90478E-04  470741.3 3777606.4   375.3     5.00     4.51
3.64     YES   HROFDY
 C3039407         0   0.90478E-04  470735.0 3777613.8   375.6     5.00     4.51
3.64     YES   HROFDY
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 C3039408         0   0.90478E-04  470728.7 3777621.2   375.8     5.00     4.51
3.64     YES   HROFDY
 C3039409         0   0.90478E-04  470722.4 3777628.5   375.9     5.00     4.51
3.64     YES   HROFDY
 C3039410         0   0.90478E-04  470716.1 3777635.9   375.5     5.00     4.51
3.64     YES   HROFDY
 C3039411         0   0.90478E-04  470709.8 3777643.3   375.5     5.00     4.51
3.64     YES   HROFDY
 C3039412         0   0.90478E-04  470703.5 3777650.7   375.6     5.00     4.51
3.64     YES   HROFDY
 C3039413         0   0.90478E-04  470697.3 3777658.1   375.7     5.00     4.51
3.64     YES   HROFDY
 C3039414         0   0.90478E-04  470691.0 3777665.5   375.4     5.00     4.51
3.64     YES   HROFDY
 C3039415         0   0.90478E-04  470684.7 3777672.9   375.5     5.00     4.51
3.64     YES   HROFDY
 C3039416         0   0.90478E-04  470678.4 3777680.2   375.7     5.00     4.51
3.64     YES   HROFDY
 C3039417         0   0.90478E-04  470672.1 3777687.6   375.9     5.00     4.51
3.64     YES   HROFDY
 C3039418         0   0.90478E-04  470665.8 3777695.0   375.8     5.00     4.51
3.64     YES   HROFDY
 C3039419         0   0.90478E-04  470659.5 3777702.4   375.8     5.00     4.51
3.64     YES   HROFDY
 C3039420         0   0.90478E-04  470653.2 3777709.8   376.0     5.00     4.51
3.64     YES   HROFDY
 C3039421         0   0.90478E-04  470646.9 3777717.2   376.2     5.00     4.51
3.64     YES   HROFDY
 C4039838         0   0.89194E-04  469162.5 3779584.6   423.9     5.00     4.51
3.64     YES   HROFDY
 C4039839         0   0.89194E-04  469156.6 3779592.2   424.1     5.00     4.51
3.64     YES   HROFDY
 C4039840         0   0.89194E-04  469150.6 3779599.9   424.2     5.00     4.51
3.64     YES   HROFDY
 C4039841         0   0.89194E-04  469144.7 3779607.6   424.4     5.00     4.51
3.64     YES   HROFDY
 C4039842         0   0.89194E-04  469138.7 3779615.2   424.6     5.00     4.51
3.64     YES   HROFDY
 C4039843         0   0.89194E-04  469132.8 3779622.9   424.9     5.00     4.51
3.64     YES   HROFDY
 C4039844         0   0.89194E-04  469126.8 3779630.5   425.1     5.00     4.51
3.64     YES   HROFDY
 C4039845         0   0.89194E-04  469120.9 3779638.2   425.3     5.00     4.51
3.64     YES   HROFDY
 C4039846         0   0.89194E-04  469114.9 3779645.9   425.5     5.00     4.51
3.64     YES   HROFDY
 C4039847         0   0.89194E-04  469109.0 3779653.5   425.6     5.00     4.51
3.64     YES   HROFDY
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 C4039848         0   0.89194E-04  469103.0 3779661.2   425.8     5.00     4.51
3.64     YES   HROFDY
 C4039849         0   0.89194E-04  469097.1 3779668.8   426.0     5.00     4.51
3.64     YES   HROFDY
 C4039850         0   0.89194E-04  469091.1 3779676.5   426.2     5.00     4.51
3.64     YES   HROFDY
 C4039851         0   0.89194E-04  469085.2 3779684.2   426.4     5.00     4.51
3.64     YES   HROFDY
 C4039852         0   0.89194E-04  469079.2 3779691.8   426.5     5.00     4.51
3.64     YES   HROFDY
 C4039853         0   0.89194E-04  469073.3 3779699.5   426.6     5.00     4.51
3.64     YES   HROFDY
 C4039854         0   0.89194E-04  469067.3 3779707.1   426.8     5.00     4.51
3.64     YES   HROFDY
 C4039855         0   0.89194E-04  469061.4 3779714.8   426.9     5.00     4.51
3.64     YES   HROFDY
 C4039856         0   0.89194E-04  469055.4 3779722.4   427.1     5.00     4.51
3.64     YES   HROFDY
 C4039857         0   0.89194E-04  469049.3 3779730.0   427.1     5.00     4.51
3.64     YES   HROFDY
 C4039858         0   0.89194E-04  469043.3 3779737.6   427.3     5.00     4.51
3.64     YES   HROFDY
 C4039859         0   0.89194E-04  469037.3 3779745.2   427.4     5.00     4.51
3.64     YES   HROFDY
 C4039860         0   0.89194E-04  469031.2 3779752.8   427.6     5.00     4.51
3.64     YES   HROFDY
 C4039861         0   0.89194E-04  469025.2 3779760.4   427.7     5.00     4.51
3.64     YES   HROFDY
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -
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 C4039862         0   0.89194E-04  469019.2 3779768.0   427.9     5.00     4.51
3.64     YES   HROFDY
 C4039863         0   0.89194E-04  469013.2 3779775.6   428.1     5.00     4.51
3.64     YES   HROFDY
 C4039864         0   0.89194E-04  469007.1 3779783.2   428.3     5.00     4.51
3.64     YES   HROFDY
 C4039865         0   0.89194E-04  469001.1 3779790.8   428.4     5.00     4.51
3.64     YES   HROFDY
 C4039866         0   0.89194E-04  468995.1 3779798.4   428.6     5.00     4.51
3.64     YES   HROFDY
 C4039867         0   0.89194E-04  468989.0 3779806.0   428.8     5.00     4.51
3.64     YES   HROFDY
 C4039868         0   0.89194E-04  468983.0 3779813.6   429.0     5.00     4.51
3.64     YES   HROFDY
 L0044988         0   0.14360E-05  472013.0 3774417.6   331.2     3.06     4.05
2.85     YES   HROFDY
 L0044989         0   0.14360E-05  472004.3 3774417.8   331.2     3.06     4.05
2.85     YES   HROFDY
 L0044990         0   0.14360E-05  471995.6 3774417.9   331.2     3.06     4.05
2.85     YES   HROFDY
 L0044991         0   0.14360E-05  471986.9 3774418.0   331.3     3.06     4.05
2.85     YES   HROFDY
 L0044992         0   0.14360E-05  471978.2 3774418.2   331.3     3.06     4.05
2.85     YES   HROFDY
 L0044993         0   0.14360E-05  471969.5 3774418.3   331.4     3.06     4.05
2.85     YES   HROFDY
 L0044994         0   0.14360E-05  471960.8 3774418.5   331.4     3.06     4.05
2.85     YES   HROFDY
 L0044995         0   0.14360E-05  471952.1 3774418.6   331.4     3.06     4.05
2.85     YES   HROFDY
 L0044996         0   0.14360E-05  471943.4 3774418.8   331.4     3.06     4.05
2.85     YES   HROFDY
 L0044997         0   0.14360E-05  471934.7 3774418.9   331.4     3.06     4.05
2.85     YES   HROFDY
 L0044998         0   0.14360E-05  471926.8 3774419.8   331.5     3.06     4.05
2.85     YES   HROFDY
 L0044999         0   0.14360E-05  471926.8 3774428.5   331.6     3.06     4.05
2.85     YES   HROFDY
 L0045000         0   0.14360E-05  471926.7 3774437.2   331.8     3.06     4.05
2.85     YES   HROFDY
 L0045001         0   0.14360E-05  471926.7 3774445.9   331.9     3.06     4.05
2.85     YES   HROFDY
 L0045002         0   0.14360E-05  471926.6 3774454.6   331.9     3.06     4.05
2.85     YES   HROFDY
 L0045003         0   0.14360E-05  471926.5 3774463.3   332.0     3.06     4.05
2.85     YES   HROFDY
 L0045004         0   0.14360E-05  471926.5 3774472.0   332.1     3.06     4.05
2.85     YES   HROFDY
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 L0045005         0   0.14360E-05  471926.4 3774480.7   332.2     3.06     4.05
2.85     YES   HROFDY
 L0045006         0   0.14360E-05  471926.3 3774489.4   332.3     3.06     4.05
2.85     YES   HROFDY
 L0045007         0   0.14360E-05  471926.3 3774498.1   332.4     3.06     4.05
2.85     YES   HROFDY
 L0045008         0   0.14360E-05  471926.2 3774506.8   332.5     3.06     4.05
2.85     YES   HROFDY
 L0045009         0   0.14360E-05  471926.2 3774515.5   332.6     3.06     4.05
2.85     YES   HROFDY
 L0045010         0   0.14360E-05  471926.1 3774524.2   332.7     3.06     4.05
2.85     YES   HROFDY
 L0045011         0   0.14360E-05  471926.0 3774532.9   332.8     3.06     4.05
2.85     YES   HROFDY
 L0045012         0   0.14360E-05  471926.0 3774541.6   332.9     3.06     4.05
2.85     YES   HROFDY
 L0045013         0   0.14360E-05  471925.9 3774550.3   333.0     3.06     4.05
2.85     YES   HROFDY
 L0045014         0   0.14360E-05  471925.8 3774559.0   333.1     3.06     4.05
2.85     YES   HROFDY
 L0045015         0   0.14360E-05  471925.8 3774567.7   333.2     3.06     4.05
2.85     YES   HROFDY
 L0045016         0   0.14360E-05  471925.7 3774576.4   333.3     3.06     4.05
2.85     YES   HROFDY
 L0045017         0   0.14360E-05  471925.7 3774585.1   333.4     3.06     4.05
2.85     YES   HROFDY
 L0045018         0   0.14360E-05  471925.6 3774593.8   333.4     3.06     4.05
2.85     YES   HROFDY
 L0045019         0   0.14360E-05  471925.5 3774602.5   333.5     3.06     4.05
2.85     YES   HROFDY
 L0045020         0   0.14360E-05  471925.5 3774611.2   333.6     3.06     4.05
2.85     YES   HROFDY
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
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(METERS)              BY
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 L0045043         0   0.14360E-05  471924.0 3774811.3   334.8     3.06     4.05
2.85     YES   HROFDY
 L0045044         0   0.14360E-05  471924.0 3774820.0   334.8     3.06     4.05
2.85     YES   HROFDY
 L0045045         0   0.14360E-05  471923.9 3774828.7   334.9     3.06     4.05
2.85     YES   HROFDY
 L0045046         0   0.14360E-05  471923.8 3774837.4   335.0     3.06     4.05
2.85     YES   HROFDY
 L0045047         0   0.14360E-05  471923.8 3774846.1   335.0     3.06     4.05
2.85     YES   HROFDY
 L0045048         0   0.14360E-05  471923.7 3774854.8   335.1     3.06     4.05
2.85     YES   HROFDY
 L0045049         0   0.14360E-05  471923.7 3774863.5   335.2     3.06     4.05
2.85     YES   HROFDY
 L0045050         0   0.14360E-05  471923.6 3774872.2   335.3     3.06     4.05
2.85     YES   HROFDY
 L0045051         0   0.14360E-05  471923.5 3774880.9   335.4     3.06     4.05
2.85     YES   HROFDY
 L0045052         0   0.14360E-05  471923.5 3774889.6   335.4     3.06     4.05
2.85     YES   HROFDY
 L0045053         0   0.14360E-05  471923.4 3774898.3   335.5     3.06     4.05
2.85     YES   HROFDY
 L0045054         0   0.14360E-05  471923.3 3774907.0   335.6     3.06     4.05
2.85     YES   HROFDY
 L0045055         0   0.14360E-05  471923.3 3774915.7   335.7     3.06     4.05
2.85     YES   HROFDY
 L0045056         0   0.14360E-05  471923.2 3774924.4   335.8     3.06     4.05
2.85     YES   HROFDY
 L0045057         0   0.14360E-05  471923.2 3774933.1   335.9     3.06     4.05
2.85     YES   HROFDY
 L0045058         0   0.14360E-05  471923.1 3774941.8   335.9     3.06     4.05
2.85     YES   HROFDY
 L0045059         0   0.14360E-05  471923.0 3774950.5   336.0     3.06     4.05
2.85     YES   HROFDY
 L0045060         0   0.14360E-05  471923.0 3774959.2   336.1     3.06     4.05
2.85     YES   HROFDY
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                 *** VOLUME SOURCE DATA ***

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

 L0045061         0   0.14360E-05  471922.9 3774967.9   336.2     3.06     4.05
2.85     YES   HROFDY
 L0045062         0   0.14360E-05  471922.8 3774976.6   336.4     3.06     4.05
2.85     YES   HROFDY
 L0045063         0   0.14360E-05  471922.8 3774985.3   336.5     3.06     4.05
2.85     YES   HROFDY
 L0045064         0   0.14360E-05  471922.7 3774994.0   336.7     3.06     4.05
2.85     YES   HROFDY
 L0045065         0   0.14360E-05  471922.7 3775002.7   337.2     3.06     4.05
2.85     YES   HROFDY
 L0045066         0   0.14360E-05  471922.6 3775011.4   337.7     3.06     4.05
2.85     YES   HROFDY
 L0045067         0   0.14360E-05  471922.5 3775020.1   338.2     3.06     4.05
2.85     YES   HROFDY
 L0045068         0   0.14360E-05  471922.5 3775028.8   338.4     3.06     4.05
2.85     YES   HROFDY
 L0045069         0   0.14360E-05  471922.4 3775037.5   338.1     3.06     4.05
2.85     YES   HROFDY
 L0045070         0   0.14360E-05  471930.8 3775037.8   338.4     3.06     4.05
2.85     YES   HROFDY
 L0045071         0   0.14360E-05  471939.5 3775037.7   338.7     3.06     4.05
2.85     YES   HROFDY
 L0045072         0   0.14360E-05  471948.2 3775037.7   339.1     3.06     4.05
2.85     YES   HROFDY
 L0045073         0   0.14360E-05  471956.9 3775037.6   339.5     3.06     4.05
2.85     YES   HROFDY
 L0045074         0   0.14360E-05  471965.6 3775037.6   339.8     3.06     4.05
2.85     YES   HROFDY
 L0045075         0   0.14360E-05  471974.3 3775037.6   340.1     3.06     4.05
2.85     YES   HROFDY
 L0045076         0   0.14360E-05  471983.0 3775037.5   340.4     3.06     4.05
2.85     YES   HROFDY
 L0045077         0   0.14360E-05  471991.7 3775037.5   340.3     3.06     4.05
2.85     YES   HROFDY
 L0045078         0   0.14360E-05  472000.4 3775037.4   339.8     3.06     4.05
2.85     YES   HROFDY
 L0045079         0   0.14360E-05  472009.1 3775037.4   339.3     3.06     4.05
2.85     YES   HROFDY
 L0045080         0   0.14360E-05  472017.8 3775037.4   338.5     3.06     4.05
2.85     YES   HROFDY
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 L0045081         0   0.14360E-05  472026.5 3775037.3   337.5     3.06     4.05
2.85     YES   HROFDY
 L0045082         0   0.14360E-05  472035.2 3775037.3   336.4     3.06     4.05
2.85     YES   HROFDY
 L0045083         0   0.14360E-05  472043.9 3775037.2   335.7     3.06     4.05
2.85     YES   HROFDY
 L0045084         0   0.14360E-05  472052.6 3775037.2   335.2     3.06     4.05
2.85     YES   HROFDY
 L0045085         0   0.14360E-05  472061.3 3775037.2   334.6     3.06     4.05
2.85     YES   HROFDY
 L0045086         0   0.14360E-05  472070.0 3775037.1   334.4     3.06     4.05
2.85     YES   HROFDY
 L0045087         0   0.14360E-05  472078.7 3775037.1   334.4     3.06     4.05
2.85     YES   HROFDY
 L0045088         0   0.14360E-05  472087.4 3775037.0   334.4     3.06     4.05
2.85     YES   HROFDY
 L0045089         0   0.14360E-05  472096.1 3775037.0   334.4     3.06     4.05
2.85     YES   HROFDY
 L0045090         0   0.14360E-05  472104.8 3775037.0   334.4     3.06     4.05
2.85     YES   HROFDY
 L0045091         0   0.14360E-05  472113.5 3775036.9   334.4     3.06     4.05
2.85     YES   HROFDY
 L0045092         0   0.14360E-05  472122.2 3775036.9   335.0     3.06     4.05
2.85     YES   HROFDY
 L0045093         0   0.14360E-05  472130.9 3775036.8   335.8     3.06     4.05
2.85     YES   HROFDY
 L0045094         0   0.14360E-05  472139.6 3775036.8   336.5     3.06     4.05
2.85     YES   HROFDY
 L0045095         0   0.14360E-05  472148.3 3775036.8   336.6     3.06     4.05
2.85     YES   HROFDY
 L0045096         0   0.14360E-05  472157.0 3775036.7   336.6     3.06     4.05
2.85     YES   HROFDY
 L0045097         0   0.14360E-05  472165.7 3775036.7   336.7     3.06     4.05
2.85     YES   HROFDY
 L0045098         0   0.14360E-05  472174.4 3775036.7   336.3     3.06     4.05
2.85     YES   HROFDY
 L0045099         0   0.14360E-05  472183.1 3775036.6   335.9     3.06     4.05
2.85     YES   HROFDY
 L0045100         0   0.14360E-05  472191.8 3775036.6   335.5     3.06     4.05
2.85     YES   HROFDY
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** 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
L0045101	0	0.14360E-05	472200.5	3775036.5	335.2	3.06	4.05	2.85	YES	HROFDY
L0045102	0	0.14360E-05	472209.2	3775036.5	334.9	3.06	4.05	2.85	YES	HROFDY
L0045103	0	0.14360E-05	472217.9	3775036.5	334.7	3.06	4.05	2.85	YES	HROFDY
L0045104	0	0.14360E-05	472226.6	3775036.4	334.5	3.06	4.05	2.85	YES	HROFDY
L0045105	0	0.14360E-05	472235.3	3775036.4	334.3	3.06	4.05	2.85	YES	HROFDY
L0045106	0	0.14360E-05	472244.0	3775036.3	334.2	3.06	4.05	2.85	YES	HROFDY
L0045107	0	0.14360E-05	472250.3	3775038.7	334.2	3.06	4.05	2.85	YES	HROFDY
L0045108	0	0.14360E-05	472250.3	3775047.4	334.2	3.06	4.05	2.85	YES	HROFDY
L0045109	0	0.14360E-05	472250.3	3775056.1	334.3	3.06	4.05	2.85	YES	HROFDY
L0045110	0	0.14360E-05	472250.2	3775064.8	334.4	3.06	4.05	2.85	YES	HROFDY
L0045111	0	0.14360E-05	472250.2	3775073.5	334.5	3.06	4.05	2.85	YES	HROFDY
L0045112	0	0.14360E-05	472250.2	3775082.2	334.6	3.06	4.05	2.85	YES	HROFDY
L0045113	0	0.14360E-05	472250.1	3775090.9	334.7	3.06	4.05	2.85	YES	HROFDY
L0045114	0	0.14360E-05	472250.1	3775099.6	334.8	3.06	4.05	2.85	YES	HROFDY
L0045115	0	0.14360E-05	472250.1	3775108.3	334.9	3.06	4.05	2.85	YES	HROFDY
L0045116	0	0.14360E-05	472250.0	3775117.0	335.0	3.06	4.05	2.85	YES	HROFDY
L0045117	0	0.14360E-05	472250.0	3775125.7	335.2	3.06	4.05	2.85	YES	HROFDY
L0045118	0	0.14360E-05	472250.0	3775134.4	335.3	3.06	4.05	2.85	YES	HROFDY

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 L0045119         0   0.14360E-05  472249.9 3775143.1   335.4     3.06     4.05
2.85     YES   HROFDY
 L0045120         0   0.14360E-05  472249.9 3775151.8   335.5     3.06     4.05
2.85     YES   HROFDY
 L0045121         0   0.14360E-05  472249.9 3775160.5   335.6     3.06     4.05
2.85     YES   HROFDY
 L0045122         0   0.14360E-05  472249.8 3775169.2   335.7     3.06     4.05
2.85     YES   HROFDY
 L0045123         0   0.14360E-05  472249.8 3775177.9   335.8     3.06     4.05
2.85     YES   HROFDY
 L0045124         0   0.14360E-05  472249.8 3775186.6   335.9     3.06     4.05
2.85     YES   HROFDY
 L0045125         0   0.14360E-05  472249.8 3775195.3   336.0     3.06     4.05
2.85     YES   HROFDY
 L0045126         0   0.14360E-05  472249.7 3775204.0   336.1     3.06     4.05
2.85     YES   HROFDY
 L0045127         0   0.14360E-05  472249.7 3775212.7   336.2     3.06     4.05
2.85     YES   HROFDY
 L0045128         0   0.14360E-05  472249.7 3775221.4   336.2     3.06     4.05
2.85     YES   HROFDY
 L0045129         0   0.14360E-05  472249.6 3775230.1   336.3     3.06     4.05
2.85     YES   HROFDY
 L0045130         0   0.14360E-05  472249.6 3775238.8   336.4     3.06     4.05
2.85     YES   HROFDY
 L0045131         0   0.14360E-05  472249.6 3775247.5   336.4     3.06     4.05
2.85     YES   HROFDY
 L0045132         0   0.14360E-05  472249.5 3775256.2   336.5     3.06     4.05
2.85     YES   HROFDY
 L0045133         0   0.14360E-05  472249.5 3775264.9   336.6     3.06     4.05
2.85     YES   HROFDY
 L0045134         0   0.14360E-05  472249.5 3775273.6   336.7     3.06     4.05
2.85     YES   HROFDY
 L0045135         0   0.14360E-05  472249.4 3775282.3   336.8     3.06     4.05
2.85     YES   HROFDY
 L0045136         0   0.14360E-05  472249.4 3775291.0   336.9     3.06     4.05
2.85     YES   HROFDY
 L0045137         0   0.14360E-05  472249.4 3775299.7   336.9     3.06     4.05
2.85     YES   HROFDY
 L0045138         0   0.14360E-05  472249.3 3775308.4   337.0     3.06     4.05
2.85     YES   HROFDY
 L0045139         0   0.14360E-05  472249.3 3775317.1   337.1     3.06     4.05
2.85     YES   HROFDY
 L0045140         0   0.14360E-05  472249.3 3775325.8   337.2     3.06     4.05
2.85     YES   HROFDY
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 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
L0045141	0	0.14360E-05	472249.2	3775334.5	337.3	3.06	4.05	2.85	YES	HROFDY
L0045142	0	0.14360E-05	472249.2	3775343.2	337.4	3.06	4.05	2.85	YES	HROFDY
L0045143	0	0.14360E-05	472249.2	3775351.9	337.5	3.06	4.05	2.85	YES	HROFDY
L0045144	0	0.14360E-05	472249.1	3775360.6	337.6	3.06	4.05	2.85	YES	HROFDY
L0045145	0	0.14360E-05	472249.1	3775369.3	337.7	3.06	4.05	2.85	YES	HROFDY
L0045146	0	0.14360E-05	472249.1	3775378.0	337.8	3.06	4.05	2.85	YES	HROFDY
L0045147	0	0.14360E-05	472249.1	3775386.7	337.9	3.06	4.05	2.85	YES	HROFDY
L0045148	0	0.14360E-05	472249.0	3775395.4	338.0	3.06	4.05	2.85	YES	HROFDY
L0045149	0	0.14360E-05	472249.0	3775404.1	338.1	3.06	4.05	2.85	YES	HROFDY
L0045150	0	0.14360E-05	472249.0	3775412.8	338.2	3.06	4.05	2.85	YES	HROFDY
L0045151	0	0.14360E-05	472248.9	3775421.5	338.2	3.06	4.05	2.85	YES	HROFDY
L0045152	0	0.14360E-05	472248.9	3775430.2	338.3	3.06	4.05	2.85	YES	HROFDY
L0045153	0	0.14360E-05	472248.9	3775438.9	338.4	3.06	4.05	2.85	YES	HROFDY
L0045154	0	0.14360E-05	472248.8	3775447.6	338.5	3.06	4.05	2.85	YES	HROFDY
L0045155	0	0.14360E-05	472248.8	3775456.3	338.6	3.06	4.05	2.85	YES	HROFDY
L0045156	0	0.14360E-05	472248.8	3775465.0	338.7	3.06	4.05	2.85	YES	HROFDY

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 L0045157         0   0.14360E-05  472248.7 3775473.7   338.8     3.06     4.05
2.85     YES   HROFDY
 L0045158         0   0.14360E-05  472248.7 3775482.4   338.9     3.06     4.05
2.85     YES   HROFDY
 L0045159         0   0.14360E-05  472248.7 3775491.1   338.9     3.06     4.05
2.85     YES   HROFDY
 L0045160         0   0.14360E-05  472248.6 3775499.8   339.0     3.06     4.05
2.85     YES   HROFDY
 L0045161         0   0.14360E-05  472248.6 3775508.5   339.1     3.06     4.05
2.85     YES   HROFDY
 L0045162         0   0.14360E-05  472248.6 3775517.2   339.2     3.06     4.05
2.85     YES   HROFDY
 L0045163         0   0.14360E-05  472248.5 3775525.9   339.3     3.06     4.05
2.85     YES   HROFDY
 L0045164         0   0.14360E-05  472248.5 3775534.6   339.4     3.06     4.05
2.85     YES   HROFDY
 L0045165         0   0.14360E-05  472248.5 3775543.3   339.5     3.06     4.05
2.85     YES   HROFDY
 L0045166         0   0.14360E-05  472248.4 3775552.0   339.6     3.06     4.05
2.85     YES   HROFDY
 L0045167         0   0.14360E-05  472248.4 3775560.7   339.7     3.06     4.05
2.85     YES   HROFDY
 L0045168         0   0.14360E-05  472248.4 3775569.4   339.8     3.06     4.05
2.85     YES   HROFDY
 L0045169         0   0.14360E-05  472248.4 3775578.1   339.9     3.06     4.05
2.85     YES   HROFDY
 L0045170         0   0.14360E-05  472248.3 3775586.8   340.1     3.06     4.05
2.85     YES   HROFDY
 L0045171         0   0.14360E-05  472248.3 3775595.5   340.3     3.06     4.05
2.85     YES   HROFDY
 L0045172         0   0.14360E-05  472248.3 3775604.2   340.4     3.06     4.05
2.85     YES   HROFDY
 L0045173         0   0.14360E-05  472248.2 3775612.9   340.6     3.06     4.05
2.85     YES   HROFDY
 L0045174         0   0.14360E-05  472248.2 3775621.6   340.8     3.06     4.05
2.85     YES   HROFDY
 L0045175         0   0.14360E-05  472248.2 3775630.3   340.9     3.06     4.05
2.85     YES   HROFDY
 L0045176         0   0.14360E-05  472248.1 3775639.0   341.1     3.06     4.05
2.85     YES   HROFDY
 L0045177         0   0.14360E-05  472248.1 3775647.7   341.1     3.06     4.05
2.85     YES   HROFDY
 L0045178         0   0.14360E-05  472245.0 3775653.5   341.2     3.06     4.05
2.85     YES   HROFDY
 L0045179         0   0.14360E-05  472236.3 3775653.9   341.6     3.06     4.05
2.85     YES   HROFDY
 L0045180         0   0.14360E-05  472227.6 3775654.3   341.9     3.06     4.05
2.85     YES   HROFDY
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 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
L0045181	0	0.14360E-05	472218.9	3775654.7	342.2	3.06	4.05	2.85	YES	HROFDY
L0045182	0	0.14360E-05	472210.2	3775655.2	342.8	3.06	4.05	2.85	YES	HROFDY
L0045183	0	0.14360E-05	472201.5	3775655.6	343.3	3.06	4.05	2.85	YES	HROFDY
L0045184	0	0.14360E-05	472192.9	3775656.0	343.8	3.06	4.05	2.85	YES	HROFDY
L0045185	0	0.14360E-05	472184.2	3775656.4	344.5	3.06	4.05	2.85	YES	HROFDY
L0045186	0	0.14360E-05	472175.5	3775656.9	345.2	3.06	4.05	2.85	YES	HROFDY
L0045187	0	0.14360E-05	472166.8	3775657.3	345.6	3.06	4.05	2.85	YES	HROFDY
L0045188	0	0.14360E-05	472158.1	3775657.7	344.7	3.06	4.05	2.85	YES	HROFDY
L0045189	0	0.14360E-05	472149.4	3775658.1	343.8	3.06	4.05	2.85	YES	HROFDY
L0045190	0	0.90160E-06	472008.2	3776057.5	345.8	3.06	4.05	2.85	YES	HROFDY
L0045191	0	0.90160E-06	471999.5	3776057.4	345.8	3.06	4.05	2.85	YES	HROFDY
L0045192	0	0.90160E-06	471990.8	3776057.4	345.9	3.06	4.05	2.85	YES	HROFDY
L0045193	0	0.90160E-06	471982.1	3776057.3	345.9	3.06	4.05	2.85	YES	HROFDY
L0045194	0	0.90160E-06	471973.4	3776057.2	346.0	3.06	4.05	2.85	YES	HROFDY

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 L0045195         0   0.90160E-06  471964.7 3776057.2   346.1     3.06     4.05
2.85     YES   HROFDY
 L0045196         0   0.90160E-06  471956.0 3776057.1   346.1     3.06     4.05
2.85     YES   HROFDY
 L0045197         0   0.90160E-06  471947.3 3776057.1   346.2     3.06     4.05
2.85     YES   HROFDY
 L0045198         0   0.90160E-06  471938.6 3776057.0   346.3     3.06     4.05
2.85     YES   HROFDY
 L0045199         0   0.90160E-06  471929.9 3776057.0   346.4     3.06     4.05
2.85     YES   HROFDY
 L0045200         0   0.90160E-06  471921.2 3776056.9   346.5     3.06     4.05
2.85     YES   HROFDY
 L0045201         0   0.90160E-06  471912.5 3776056.9   346.5     3.06     4.05
2.85     YES   HROFDY
 L0045202         0   0.90160E-06  471903.8 3776056.8   346.6     3.06     4.05
2.85     YES   HROFDY
 L0045203         0   0.90160E-06  471895.1 3776056.7   346.7     3.06     4.05
2.85     YES   HROFDY
 L0045204         0   0.90160E-06  471886.4 3776056.7   346.8     3.06     4.05
2.85     YES   HROFDY
 L0045205         0   0.90160E-06  471877.7 3776056.6   346.9     3.06     4.05
2.85     YES   HROFDY
 L0045206         0   0.90160E-06  471869.0 3776056.6   347.0     3.06     4.05
2.85     YES   HROFDY
 L0045207         0   0.90160E-06  471860.3 3776056.5   347.1     3.06     4.05
2.85     YES   HROFDY
 L0045208         0   0.90160E-06  471851.6 3776056.5   347.1     3.06     4.05
2.85     YES   HROFDY
 L0045209         0   0.90160E-06  471842.9 3776056.4   347.2     3.06     4.05
2.85     YES   HROFDY
 L0045210         0   0.90160E-06  471834.2 3776056.4   347.2     3.06     4.05
2.85     YES   HROFDY
 L0045211         0   0.90160E-06  471825.5 3776056.3   347.3     3.06     4.05
2.85     YES   HROFDY
 L0045212         0   0.90160E-06  471816.8 3776056.2   347.4     3.06     4.05
2.85     YES   HROFDY
 L0045213         0   0.90160E-06  471808.1 3776056.2   347.4     3.06     4.05
2.85     YES   HROFDY
 L0045214         0   0.90160E-06  471799.4 3776056.1   347.5     3.06     4.05
2.85     YES   HROFDY
 L0045215         0   0.90160E-06  471790.7 3776056.1   347.5     3.06     4.05
2.85     YES   HROFDY
 L0045216         0   0.90160E-06  471782.0 3776056.0   347.6     3.06     4.05
2.85     YES   HROFDY
 L0045217         0   0.90160E-06  471773.3 3776056.0   347.6     3.06     4.05
2.85     YES   HROFDY
 L0045218         0   0.90160E-06  471764.6 3776055.9   347.6     3.06     4.05
2.85     YES   HROFDY
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 L0045219         0   0.90160E-06  471755.9 3776055.9   347.7     3.06     4.05
2.85     YES   HROFDY
 L0045220         0   0.90160E-06  471747.2 3776055.8   347.7     3.06     4.05
2.85     YES   HROFDY
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                   *** VOLUME SOURCE DATA ***

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

 L0045221         0   0.90160E-06  471741.1 3776053.2   347.7     3.06     4.05
2.85     YES   HROFDY
 L0045222         0   0.90160E-06  471741.3 3776044.5   347.7     3.06     4.05
2.85     YES   HROFDY
 L0045223         0   0.90160E-06  471741.4 3776035.8   347.6     3.06     4.05
2.85     YES   HROFDY
 L0045224         0   0.90160E-06  471741.5 3776027.1   347.4     3.06     4.05
2.85     YES   HROFDY
 L0045225         0   0.90160E-06  471741.6 3776018.4   347.4     3.06     4.05
2.85     YES   HROFDY
 L0045226         0   0.90160E-06  471741.7 3776009.7   347.2     3.06     4.05
2.85     YES   HROFDY
 L0045227         0   0.90160E-06  471741.8 3776001.0   347.1     3.06     4.05
2.85     YES   HROFDY
 L0045228         0   0.90160E-06  471742.0 3775992.3   347.0     3.06     4.05
2.85     YES   HROFDY
 L0045229         0   0.90160E-06  471742.1 3775983.6   346.9     3.06     4.05
2.85     YES   HROFDY
 L0045230         0   0.90160E-06  471742.2 3775974.9   346.8     3.06     4.05
2.85     YES   HROFDY
 L0045231         0   0.90160E-06  471742.3 3775966.2   346.8     3.06     4.05
2.85     YES   HROFDY
 L0045232         0   0.90160E-06  471742.4 3775957.5   346.7     3.06     4.05
2.85     YES   HROFDY
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 L0045233         0   0.90160E-06  471742.5 3775948.8   346.6     3.06     4.05
2.85     YES   HROFDY
 L0045234         0   0.90160E-06  471742.7 3775940.1   346.5     3.06     4.05
2.85     YES   HROFDY
 L0045235         0   0.90160E-06  471742.8 3775931.4   346.5     3.06     4.05
2.85     YES   HROFDY
 L0045236         0   0.90160E-06  471742.9 3775922.7   346.5     3.06     4.05
2.85     YES   HROFDY
 L0045237         0   0.90160E-06  471743.0 3775914.0   346.4     3.06     4.05
2.85     YES   HROFDY
 L0045238         0   0.90160E-06  471743.1 3775905.3   346.4     3.06     4.05
2.85     YES   HROFDY
 L0045239         0   0.90160E-06  471743.2 3775896.6   346.3     3.06     4.05
2.85     YES   HROFDY
 L0045240         0   0.90160E-06  471743.3 3775887.9   346.2     3.06     4.05
2.85     YES   HROFDY
 L0045241         0   0.90160E-06  471743.5 3775879.2   346.2     3.06     4.05
2.85     YES   HROFDY
 L0045242         0   0.90160E-06  471743.6 3775870.5   346.1     3.06     4.05
2.85     YES   HROFDY
 L0045243         0   0.90160E-06  471743.7 3775861.8   346.0     3.06     4.05
2.85     YES   HROFDY
 L0045244         0   0.90160E-06  471743.8 3775853.1   345.9     3.06     4.05
2.85     YES   HROFDY
 L0045245         0   0.90160E-06  471743.9 3775844.4   345.9     3.06     4.05
2.85     YES   HROFDY
 L0045246         0   0.90160E-06  471744.0 3775835.7   345.8     3.06     4.05
2.85     YES   HROFDY
 L0045247         0   0.90160E-06  471744.2 3775827.0   345.7     3.06     4.05
2.85     YES   HROFDY
 L0045248         0   0.90160E-06  471744.3 3775818.3   345.6     3.06     4.05
2.85     YES   HROFDY
 L0045249         0   0.90160E-06  471744.4 3775809.6   345.6     3.06     4.05
2.85     YES   HROFDY
 L0045250         0   0.90160E-06  471744.5 3775800.9   345.5     3.06     4.05
2.85     YES   HROFDY
 L0045251         0   0.90160E-06  471744.6 3775792.2   345.4     3.06     4.05
2.85     YES   HROFDY
 L0045252         0   0.90160E-06  471744.7 3775783.5   345.3     3.06     4.05
2.85     YES   HROFDY
 L0045253         0   0.90160E-06  471744.9 3775774.8   345.2     3.06     4.05
2.85     YES   HROFDY
 L0045254         0   0.90160E-06  471745.0 3775766.1   345.1     3.06     4.05
2.85     YES   HROFDY
 L0045255         0   0.90160E-06  471745.1 3775757.4   345.1     3.06     4.05
2.85     YES   HROFDY
 L0045256         0   0.90160E-06  471745.2 3775748.7   345.0     3.06     4.05
2.85     YES   HROFDY
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 L0045257         0   0.90160E-06  471745.3 3775740.0   344.9     3.06     4.05
2.85     YES   HROFDY
 L0045258         0   0.90160E-06  471745.4 3775731.3   344.8     3.06     4.05
2.85     YES   HROFDY
 L0045259         0   0.90160E-06  471745.6 3775722.6   344.8     3.06     4.05
2.85     YES   HROFDY
 L0045260         0   0.90160E-06  471745.7 3775713.9   344.7     3.06     4.05
2.85     YES   HROFDY
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                   *** VOLUME SOURCE DATA ***

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

 L0045261         0   0.90160E-06  471745.8 3775705.2   344.6     3.06     4.05
2.85     YES   HROFDY
 L0045262         0   0.90160E-06  471745.9 3775696.5   344.5     3.06     4.05
2.85     YES   HROFDY
 L0045263         0   0.90160E-06  471746.0 3775687.8   344.4     3.06     4.05
2.85     YES   HROFDY
 L0045264         0   0.90160E-06  471746.1 3775679.1   344.4     3.06     4.05
2.85     YES   HROFDY
 L0045265         0   0.90160E-06  471746.2 3775670.4   344.3     3.06     4.05
2.85     YES   HROFDY
 L0045266         0   0.90160E-06  471746.4 3775661.7   344.2     3.06     4.05
2.85     YES   HROFDY
 L0045267         0   0.90160E-06  471746.5 3775653.0   344.1     3.06     4.05
2.85     YES   HROFDY
 L0045268         0   0.90160E-06  471751.3 3775649.4   344.0     3.06     4.05
2.85     YES   HROFDY
 L0045269         0   0.90160E-06  471760.0 3775649.8   344.0     3.06     4.05
2.85     YES   HROFDY
 L0045270         0   0.90160E-06  471768.7 3775650.2   343.9     3.06     4.05
2.85     YES   HROFDY
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 L0045271         0   0.90160E-06  471777.4 3775650.7   343.9     3.06     4.05
2.85     YES   HROFDY
 L0045272         0   0.90160E-06  471786.1 3775651.1   343.9     3.06     4.05
2.85     YES   HROFDY
 L0045273         0   0.90160E-06  471794.8 3775651.5   343.9     3.06     4.05
2.85     YES   HROFDY
 L0045274         0   0.90160E-06  471803.5 3775652.0   343.9     3.06     4.05
2.85     YES   HROFDY
 L0045275         0   0.90160E-06  471812.1 3775652.4   344.0     3.06     4.05
2.85     YES   HROFDY
 L0045276         0   0.90160E-06  471820.8 3775652.9   344.1     3.06     4.05
2.85     YES   HROFDY
 L0045277         0   0.90160E-06  471829.5 3775653.3   344.2     3.06     4.05
2.85     YES   HROFDY
 L0045278         0   0.90160E-06  471838.2 3775653.7   344.2     3.06     4.05
2.85     YES   HROFDY
 L0045279         0   0.90160E-06  471846.9 3775654.2   344.3     3.06     4.05
2.85     YES   HROFDY
 L0045280         0   0.90160E-06  471855.6 3775654.6   344.4     3.06     4.05
2.85     YES   HROFDY
 L0045281         0   0.90160E-06  471864.3 3775655.1   344.5     3.06     4.05
2.85     YES   HROFDY
 L0045282         0   0.90160E-06  471873.0 3775655.5   344.7     3.06     4.05
2.85     YES   HROFDY
 L0045283         0   0.90160E-06  471881.7 3775655.9   344.9     3.06     4.05
2.85     YES   HROFDY
 L0045284         0   0.90160E-06  471890.3 3775656.4   345.0     3.06     4.05
2.85     YES   HROFDY
 L0045285         0   0.90160E-06  471899.0 3775656.8   345.2     3.06     4.05
2.85     YES   HROFDY
 L0045286         0   0.90160E-06  471907.7 3775657.2   345.5     3.06     4.05
2.85     YES   HROFDY
 L0045287         0   0.90160E-06  471916.4 3775657.7   345.7     3.06     4.05
2.85     YES   HROFDY
 L0045288         0   0.90160E-06  471925.1 3775658.1   345.9     3.06     4.05
2.85     YES   HROFDY
 L0045289         0   0.90160E-06  471933.8 3775658.6   346.1     3.06     4.05
2.85     YES   HROFDY
 L0045290         0   0.90160E-06  471942.5 3775659.0   346.4     3.06     4.05
2.85     YES   HROFDY
 L0045291         0   0.90160E-06  471951.2 3775659.4   346.6     3.06     4.05
2.85     YES   HROFDY
 L0045292         0   0.90160E-06  471959.9 3775659.9   346.9     3.06     4.05
2.85     YES   HROFDY
 L0045293         0   0.90160E-06  471968.5 3775660.3   347.1     3.06     4.05
2.85     YES   HROFDY
 L0045294         0   0.90160E-06  471977.2 3775660.7   347.4     3.06     4.05
2.85     YES   HROFDY
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 L0045295         0   0.90160E-06  471985.9 3775661.2   347.6     3.06     4.05
2.85     YES   HROFDY
 L0045296         0   0.90160E-06  471994.6 3775661.4   347.3     3.06     4.05
2.85     YES   HROFDY
 L0045297         0   0.90160E-06  472003.3 3775661.6   346.6     3.06     4.05
2.85     YES   HROFDY
 L0045298         0   0.90160E-06  472012.0 3775661.8   345.9     3.06     4.05
2.85     YES   HROFDY
 L0045299         0   0.90160E-06  472020.7 3775662.0   344.8     3.06     4.05
2.85     YES   HROFDY
 L0045300         0   0.90160E-06  472029.4 3775662.1   343.6     3.06     4.05
2.85     YES   HROFDY
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

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

 L0045301         0   0.90160E-06  472038.1 3775662.3   342.4     3.06     4.05
2.85     YES   HROFDY
 L0045302         0   0.90160E-06  472046.8 3775662.5   341.5     3.06     4.05
2.85     YES   HROFDY
 L0045303         0   0.90160E-06  472055.5 3775662.7   340.7     3.06     4.05
2.85     YES   HROFDY
 L0045304         0   0.90160E-06  472064.2 3775662.9   339.9     3.06     4.05
2.85     YES   HROFDY
 L0045305         0   0.90160E-06  472072.9 3775663.1   339.5     3.06     4.05
2.85     YES   HROFDY
 L0045306         0   0.90160E-06  472081.6 3775663.2   339.1     3.06     4.05
2.85     YES   HROFDY
 L0045307         0   0.90160E-06  472090.3 3775663.4   338.8     3.06     4.05
2.85     YES   HROFDY
 L0045308         0   0.90160E-06  472099.0 3775663.6   338.7     3.06     4.05
2.85     YES   HROFDY
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 L0045309         0   0.90160E-06  472107.7 3775663.8   338.8     3.06     4.05
2.85     YES   HROFDY
 L0045310         0   0.90160E-06  472116.4 3775664.0   338.8     3.06     4.05
2.85     YES   HROFDY
 L0045311         0   0.90160E-06  472125.1 3775664.2   340.1     3.06     4.05
2.85     YES   HROFDY
 L0045312         0   0.13300E-05  471410.3 3777007.1   358.2     0.00     4.05
2.85     YES   HROFDY
 L0045313         0   0.13300E-05  471410.3 3776998.4   358.2     0.00     4.05
2.85     YES   HROFDY
 L0045314         0   0.13300E-05  471410.2 3776989.7   358.1     0.00     4.05
2.85     YES   HROFDY
 L0045315         0   0.13300E-05  471410.2 3776981.0   358.1     0.00     4.05
2.85     YES   HROFDY
 L0045316         0   0.13300E-05  471410.2 3776972.3   358.0     0.00     4.05
2.85     YES   HROFDY
 L0045317         0   0.13300E-05  471410.1 3776963.6   358.0     0.00     4.05
2.85     YES   HROFDY
 L0045318         0   0.13300E-05  471410.1 3776954.9   357.9     0.00     4.05
2.85     YES   HROFDY
 L0045319         0   0.13300E-05  471410.1 3776946.2   357.9     0.00     4.05
2.85     YES   HROFDY
 L0045320         0   0.13300E-05  471410.0 3776937.5   357.9     0.00     4.05
2.85     YES   HROFDY
 L0045321         0   0.13300E-05  471410.0 3776928.8   357.8     0.00     4.05
2.85     YES   HROFDY
 L0045322         0   0.13300E-05  471410.0 3776920.1   357.8     0.00     4.05
2.85     YES   HROFDY
 L0045323         0   0.13300E-05  471409.9 3776911.4   357.7     0.00     4.05
2.85     YES   HROFDY
 L0045324         0   0.13300E-05  471409.9 3776902.7   357.7     0.00     4.05
2.85     YES   HROFDY
 L0045325         0   0.13300E-05  471409.9 3776894.0   357.6     0.00     4.05
2.85     YES   HROFDY
 L0045326         0   0.13300E-05  471409.8 3776885.3   357.5     0.00     4.05
2.85     YES   HROFDY
 L0045327         0   0.13300E-05  471409.8 3776876.6   357.5     0.00     4.05
2.85     YES   HROFDY
 L0045328         0   0.13300E-05  471409.7 3776867.9   357.4     0.00     4.05
2.85     YES   HROFDY
 L0045329         0   0.13300E-05  471402.3 3776866.7   357.5     0.00     4.05
2.85     YES   HROFDY
 L0045330         0   0.13300E-05  471393.6 3776866.7   357.7     0.00     4.05
2.85     YES   HROFDY
 L0045331         0   0.13300E-05  471384.9 3776866.8   357.8     0.00     4.05
2.85     YES   HROFDY
 L0045332         0   0.13300E-05  471376.2 3776866.9   357.9     0.00     4.05
2.85     YES   HROFDY
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 L0045333         0   0.13300E-05  471367.5 3776866.9   358.0     0.00     4.05
2.85     YES   HROFDY
 L0045334         0   0.13300E-05  471358.8 3776867.0   358.1     0.00     4.05
2.85     YES   HROFDY
 L0045335         0   0.13300E-05  471350.1 3776867.1   358.2     0.00     4.05
2.85     YES   HROFDY
 L0045336         0   0.13300E-05  471341.4 3776867.1   358.3     0.00     4.05
2.85     YES   HROFDY
 L0045337         0   0.13300E-05  471332.7 3776867.2   358.4     0.00     4.05
2.85     YES   HROFDY
 L0045338         0   0.13300E-05  471324.0 3776867.2   358.5     0.00     4.05
2.85     YES   HROFDY
 L0045339         0   0.13300E-05  471315.3 3776867.3   358.7     0.00     4.05
2.85     YES   HROFDY
 L0045340         0   0.13300E-05  471306.6 3776867.4   358.8     0.00     4.05
2.85     YES   HROFDY
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                     *** VOLUME SOURCE DATA ***

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

 L0045341         0   0.13300E-05  471297.9 3776867.4   359.0     0.00     4.05
2.85     YES   HROFDY
 L0045342         0   0.13300E-05  471289.2 3776867.5   359.1     0.00     4.05
2.85     YES   HROFDY
 L0045343         0   0.13300E-05  471280.5 3776867.5   359.2     0.00     4.05
2.85     YES   HROFDY
 L0045344         0   0.13300E-05  471271.8 3776867.6   359.3     0.00     4.05
2.85     YES   HROFDY
 L0045345         0   0.13300E-05  471263.1 3776867.7   359.4     0.00     4.05
2.85     YES   HROFDY
 L0045346         0   0.13300E-05  471254.4 3776867.7   359.5     0.00     4.05
2.85     YES   HROFDY
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 L0045347         0   0.13300E-05  471245.7 3776867.8   359.6     0.00     4.05
2.85     YES   HROFDY
 L0045348         0   0.13300E-05  471237.0 3776867.9   359.7     0.00     4.05
2.85     YES   HROFDY
 L0045349         0   0.13300E-05  471228.3 3776867.9   359.8     0.00     4.05
2.85     YES   HROFDY
 L0045350         0   0.13300E-05  471219.6 3776868.0   359.9     0.00     4.05
2.85     YES   HROFDY
 L0045351         0   0.13300E-05  471210.9 3776868.0   360.1     0.00     4.05
2.85     YES   HROFDY
 L0045352         0   0.13300E-05  471202.2 3776868.1   360.2     0.00     4.05
2.85     YES   HROFDY
 L0045353         0   0.13300E-05  471193.5 3776868.2   360.3     0.00     4.05
2.85     YES   HROFDY
 L0045354         0   0.13300E-05  471184.8 3776868.2   360.4     0.00     4.05
2.85     YES   HROFDY
 L0045355         0   0.13300E-05  471176.1 3776868.3   360.5     0.00     4.05
2.85     YES   HROFDY
 L0045356         0   0.13300E-05  471167.4 3776868.4   360.7     0.00     4.05
2.85     YES   HROFDY
 L0045357         0   0.13300E-05  471158.7 3776868.4   360.8     0.00     4.05
2.85     YES   HROFDY
 L0045358         0   0.13300E-05  471150.0 3776868.5   360.9     0.00     4.05
2.85     YES   HROFDY
 L0045359         0   0.13300E-05  471141.3 3776868.5   361.0     0.00     4.05
2.85     YES   HROFDY
 L0045360         0   0.13300E-05  471132.6 3776868.6   361.2     0.00     4.05
2.85     YES   HROFDY
 L0045361         0   0.13300E-05  471123.9 3776868.7   361.3     0.00     4.05
2.85     YES   HROFDY
 L0045362         0   0.13300E-05  471115.2 3776868.7   361.4     0.00     4.05
2.85     YES   HROFDY
 L0045363         0   0.13300E-05  471106.5 3776868.8   361.5     0.00     4.05
2.85     YES   HROFDY
 L0045364         0   0.13300E-05  471097.8 3776868.9   361.6     0.00     4.05
2.85     YES   HROFDY
 L0045365         0   0.13300E-05  471089.1 3776868.9   361.7     0.00     4.05
2.85     YES   HROFDY
 L0045366         0   0.13300E-05  471080.4 3776869.0   361.9     0.00     4.05
2.85     YES   HROFDY
 L0045367         0   0.13300E-05  471071.7 3776869.0   362.0     0.00     4.05
2.85     YES   HROFDY
 L0045368         0   0.13300E-05  471069.7 3776876.0   362.1     0.00     4.05
2.85     YES   HROFDY
 L0045369         0   0.13300E-05  471069.4 3776884.7   362.1     0.00     4.05
2.85     YES   HROFDY
 L0045370         0   0.13300E-05  471069.1 3776893.4   362.2     0.00     4.05
2.85     YES   HROFDY
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 L0045371         0   0.13300E-05  471068.8 3776902.1   362.2     0.00     4.05
2.85     YES   HROFDY
 L0045372         0   0.13300E-05  471068.5 3776910.8   362.2     0.00     4.05
2.85     YES   HROFDY
 L0045373         0   0.13300E-05  471068.1 3776919.5   362.3     0.00     4.05
2.85     YES   HROFDY
 L0045374         0   0.13300E-05  471067.8 3776928.2   362.3     0.00     4.05
2.85     YES   HROFDY
 L0045375         0   0.13300E-05  471067.5 3776936.9   362.3     0.00     4.05
2.85     YES   HROFDY
 L0045376         0   0.13300E-05  471067.2 3776945.5   362.4     0.00     4.05
2.85     YES   HROFDY
 L0045377         0   0.13300E-05  471066.9 3776954.2   362.4     0.00     4.05
2.85     YES   HROFDY
 L0045378         0   0.13300E-05  471066.6 3776962.9   362.4     0.00     4.05
2.85     YES   HROFDY
 L0045379         0   0.13300E-05  471066.3 3776971.6   362.5     0.00     4.05
2.85     YES   HROFDY
 L0045380         0   0.13300E-05  471066.0 3776980.3   362.5     0.00     4.05
2.85     YES   HROFDY
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

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


                                                   *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 L0045381         0   0.13300E-05  471065.6 3776989.0   362.5     0.00     4.05
2.85     YES   HROFDY
 L0045382         0   0.13300E-05  471065.3 3776997.7   362.5     0.00     4.05
2.85     YES   HROFDY
 L0045383         0   0.13300E-05  471065.0 3777006.4   362.6     0.00     4.05
2.85     YES   HROFDY
 L0045384         0   0.13300E-05  471064.7 3777015.1   362.6     0.00     4.05
2.85     YES   HROFDY
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 L0045385         0   0.13300E-05  471064.4 3777023.8   362.6     0.00     4.05
2.85     YES   HROFDY
 L0045386         0   0.13300E-05  471064.1 3777032.5   362.6     0.00     4.05
2.85     YES   HROFDY
 L0045387         0   0.13300E-05  471063.8 3777041.2   362.6     0.00     4.05
2.85     YES   HROFDY
 L0045388         0   0.13300E-05  471063.4 3777049.9   362.7     0.00     4.05
2.85     YES   HROFDY
 L0045389         0   0.13300E-05  471063.1 3777058.6   362.7     0.00     4.05
2.85     YES   HROFDY
 L0045390         0   0.13300E-05  471062.8 3777067.3   362.7     0.00     4.05
2.85     YES   HROFDY
 L0045391         0   0.13300E-05  471062.5 3777076.0   362.7     0.00     4.05
2.85     YES   HROFDY
 L0045392         0   0.13300E-05  471062.2 3777084.7   362.8     0.00     4.05
2.85     YES   HROFDY
 L0045393         0   0.13300E-05  471061.9 3777093.4   362.8     0.00     4.05
2.85     YES   HROFDY
 L0045394         0   0.13300E-05  471061.5 3777102.0   362.8     0.00     4.05
2.85     YES   HROFDY
 L0045395         0   0.13300E-05  471056.2 3777108.9   362.9     0.00     4.05
2.85     YES   HROFDY
 L0045396         0   0.13300E-05  471051.0 3777115.9   363.0     0.00     4.05
2.85     YES   HROFDY
 L0045397         0   0.13300E-05  471045.7 3777122.8   363.1     0.00     4.05
2.85     YES   HROFDY
 L0045398         0   0.13300E-05  471040.4 3777129.7   363.2     0.00     4.05
2.85     YES   HROFDY
 L0045399         0   0.13300E-05  471035.1 3777136.6   363.3     0.00     4.05
2.85     YES   HROFDY
 L0045400         0   0.13300E-05  471029.9 3777143.5   363.3     0.00     4.05
2.85     YES   HROFDY
 L0045401         0   0.13300E-05  471023.1 3777148.8   363.4     0.00     4.05
2.85     YES   HROFDY
 L0045402         0   0.13300E-05  471015.6 3777153.1   363.5     0.00     4.05
2.85     YES   HROFDY
 L0045403         0   0.13300E-05  471008.0 3777157.4   363.6     0.00     4.05
2.85     YES   HROFDY
 L0045404         0   0.13300E-05  471000.5 3777161.7   363.7     0.00     4.05
2.85     YES   HROFDY
 L0045405         0   0.13300E-05  470992.9 3777166.1   363.8     0.00     4.05
2.85     YES   HROFDY
 L0045406         0   0.13300E-05  470985.4 3777170.4   363.9     0.00     4.05
2.85     YES   HROFDY
 L0045407         0   0.13300E-05  470977.8 3777174.7   364.0     0.00     4.05
2.85     YES   HROFDY
 L0045408         0   0.13300E-05  470970.2 3777179.0   364.1     0.00     4.05
2.85     YES   HROFDY
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 L0045409         0   0.13300E-05  470962.7 3777183.3   364.2     0.00     4.05
2.85     YES   HROFDY
 L0045410         0   0.13300E-05  470955.1 3777187.6   364.4     0.00     4.05
2.85     YES   HROFDY
 L0045411         0   0.13300E-05  470947.3 3777191.4   364.5     0.00     4.05
2.85     YES   HROFDY
 L0045412         0   0.13300E-05  470939.4 3777195.0   364.6     0.00     4.05
2.85     YES   HROFDY
 L0045413         0   0.13300E-05  470931.5 3777198.7   364.7     0.00     4.05
2.85     YES   HROFDY
 L0045414         0   0.13300E-05  470923.6 3777202.4   364.8     0.00     4.05
2.85     YES   HROFDY
 L0045415         0   0.13300E-05  470915.7 3777206.1   365.0     0.00     4.05
2.85     YES   HROFDY
 L0045416         0   0.13300E-05  470907.9 3777209.8   365.1     0.00     4.05
2.85     YES   HROFDY
 L0045417         0   0.13300E-05  470900.0 3777213.4   365.3     0.00     4.05
2.85     YES   HROFDY
 L0045418         0   0.13300E-05  470892.1 3777217.1   365.5     0.00     4.05
2.85     YES   HROFDY
 L0045419         0   0.13300E-05  470886.3 3777223.5   365.9     0.00     4.05
2.85     YES   HROFDY
 L0045420         0   0.13300E-05  470880.6 3777230.2   366.2     0.00     4.05
2.85     YES   HROFDY
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 L0045421         0   0.13300E-05  470875.0 3777236.8   366.6     0.00     4.05
2.85     YES   HROFDY
 L0045422         0   0.13300E-05  470869.3 3777243.4   366.9     0.00     4.05
2.85     YES   HROFDY
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 L0045423         0   0.13300E-05  470863.7 3777250.0   367.1     0.00     4.05
2.85     YES   HROFDY
 L0045424         0   0.13300E-05  470858.0 3777256.6   367.4     0.00     4.05
2.85     YES   HROFDY
 L0045425         0   0.13300E-05  470852.3 3777263.2   367.5     0.00     4.05
2.85     YES   HROFDY
 L0045426         0   0.13300E-05  470846.7 3777269.8   367.7     0.00     4.05
2.85     YES   HROFDY
 L0045427         0   0.13300E-05  470841.0 3777276.4   367.7     0.00     4.05
2.85     YES   HROFDY
 L0045428         0   0.13300E-05  470835.9 3777283.5   367.8     0.00     4.05
2.85     YES   HROFDY
 L0045429         0   0.13300E-05  470830.8 3777290.5   367.8     0.00     4.05
2.85     YES   HROFDY
 L0045430         0   0.13300E-05  470825.7 3777297.6   367.8     0.00     4.05
2.85     YES   HROFDY
 L0045431         0   0.13300E-05  470820.6 3777304.6   367.9     0.00     4.05
2.85     YES   HROFDY
 L0045432         0   0.13300E-05  470815.5 3777311.6   368.0     0.00     4.05
2.85     YES   HROFDY
 L0045433         0   0.13300E-05  470810.4 3777318.7   368.1     0.00     4.05
2.85     YES   HROFDY
 L0045434         0   0.13300E-05  470805.3 3777325.7   368.2     0.00     4.05
2.85     YES   HROFDY
 L0045435         0   0.13300E-05  470800.2 3777332.8   368.3     0.00     4.05
2.85     YES   HROFDY
 L0045436         0   0.13300E-05  470795.1 3777339.8   368.5     0.00     4.05
2.85     YES   HROFDY
 L0045437         0   0.13300E-05  470790.0 3777346.9   368.7     0.00     4.05
2.85     YES   HROFDY
 L0045438         0   0.13300E-05  470784.9 3777353.9   368.8     0.00     4.05
2.85     YES   HROFDY
 L0045439         0   0.13300E-05  470779.8 3777361.0   368.9     0.00     4.05
2.85     YES   HROFDY
 L0045440         0   0.13300E-05  470774.7 3777368.0   369.1     0.00     4.05
2.85     YES   HROFDY
 L0045441         0   0.13300E-05  470769.6 3777375.1   369.3     0.00     4.05
2.85     YES   HROFDY
 L0045442         0   0.13300E-05  470764.5 3777382.1   369.4     0.00     4.05
2.85     YES   HROFDY
 L0045443         0   0.13300E-05  470759.4 3777389.2   369.5     0.00     4.05
2.85     YES   HROFDY
 L0045444         0   0.13300E-05  470754.3 3777396.2   369.8     0.00     4.05
2.85     YES   HROFDY
 L0045445         0   0.13300E-05  470749.2 3777403.2   370.1     0.00     4.05
2.85     YES   HROFDY
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2.85     YES   HROFDY
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2.85     YES   HROFDY
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2.85     YES   HROFDY
 L0045449         0   0.13300E-05  470728.8 3777431.4   370.9     0.00     4.05
2.85     YES   HROFDY
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2.85     YES   HROFDY
 L0045451         0   0.13300E-05  470718.6 3777445.5   371.9     0.00     4.05
2.85     YES   HROFDY
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2.85     YES   HROFDY
 L0045453         0   0.13300E-05  470708.8 3777459.8   372.6     0.00     4.05
2.85     YES   HROFDY
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2.85     YES   HROFDY
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2.85     YES   HROFDY
 L0045456         0   0.13300E-05  470702.5 3777485.1   373.7     0.00     4.05
2.85     YES   HROFDY
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2.85     YES   HROFDY
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2.85     YES   HROFDY
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
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 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                   *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -
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2.85     YES   HROFDY
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2.85     YES   HROFDY
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2.85     YES   HROFDY
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2.85     YES   HROFDY
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2.85     YES   HROFDY
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** SOURCE IDs DEFINING SOURCE GROUPS
***

 SRCGROUP ID                                                  SOURCE IDs
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↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                              *** SOURCE IDs DEFINING SOURCE GROUPS
***

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*** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
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 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                         *** SOURCE IDs DEFINING SOURCE GROUPS
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*** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
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                                  PAGE  29
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS
***

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** SOURCE IDs DEFINING SOURCE GROUPS
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                                                  *** SOURCE IDs DEFINING SOURCE GROUPS
***

 SRCGROUP ID                                                  SOURCE IDs
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C3039419    , C3039420    , C3039421    ,

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C4039867    , C4039868    , L0044988    ,

            L0044989    , L0044990    , L0044991    , L0044992    , L0044993    ,
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            L0044997    , L0044998    , L0044999    , L0045000    , L0045001    ,
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            L0045005    , L0045006    , L0045007    , L0045008    , L0045009    ,
L0045010    , L0045011    , L0045012    ,

            L0045013    , L0045014    , L0045015    , L0045016    , L0045017    ,
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            L0045021    , L0045022    , L0045023    , L0045024    , L0045025    ,
L0045026    , L0045027    , L0045028    ,

            L0045029    , L0045030    , L0045031    , L0045032    , L0045033    ,
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0045053 , L0045054 , L0045055 , L0045056 , L0045057 , L0045058 , L0045059 , L0045060 ,
	L0045061 , L0045062 , L0045063 , L0045064 , L0045065 , L0045066 , L0045067 , L0045068 ,
	L0045069 , L0045070 , L0045071 , L0045072 , L0045073 , L0045074 , L0045075 , L0045076 ,
	L0045077 , L0045078 , L0045079 , L0045080 , L0045081 , L0045082 , L0045083 , L0045084 ,
	L0045085 , L0045086 , L0045087 , L0045088 , L0045089 , L0045090 , L0045091 , L0045092 ,
	L0045093 , L0045094 , L0045095 , L0045096 , L0045097 , L0045098 , L0045099 , L0045100 ,
	L0045101 , L0045102 , L0045103 , L0045104 , L0045105 , L0045106 , L0045107 , L0045108 ,
	L0045109 , L0045110 , L0045111 , L0045112 , L0045113 , L0045114 , L0045115 , L0045116 ,
	L0045117 , L0045118 , L0045119 , L0045120 , L0045121 , L0045122 , L0045123 , L0045124 ,
	L0045125 , L0045126 , L0045127 , L0045128 , L0045129 , L0045130 , L0045131 , L0045132 ,
	L0045133 , L0045134 , L0045135 , L0045136 , L0045137 , L0045138 , L0045139 , L0045140 ,

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L0045154    , L0045155    , L0045156    ,

             L0045157    , L0045158    , L0045159    , L0045160    , L0045161    ,
L0045162    , L0045163    , L0045164    ,

             L0045165    , L0045166    , L0045167    , L0045168    , L0045169    ,
L0045170    , L0045171    , L0045172    ,

             L0045173    , L0045174    , L0045175    , L0045176    , L0045177    ,
L0045178    , L0045179    , L0045180    ,

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L0045186    , L0045187    , L0045188    ,

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L0045202    , L0045203    , L0045204    ,

             L0045205    , L0045206    , L0045207    , L0045208    , L0045209    ,
L0045210    , L0045211    , L0045212    ,
*** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
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 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS
***

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


             L0045213    , L0045214    , L0045215    , L0045216    , L0045217    ,
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             L0045293    , L0045294    , L0045295    , L0045296    , L0045297    ,
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L0045306    , L0045307    , L0045308    ,

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L0045314    , L0045315    , L0045316    ,

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L0045330    , L0045331    , L0045332    ,

             L0045333    , L0045334    , L0045335    , L0045336    , L0045337    ,
L0045338    , L0045339    , L0045340    ,

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L0045346    , L0045347    , L0045348    ,

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L0045370    , L0045371    , L0045372    ,
*** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                              *** SOURCE IDs DEFINING SOURCE GROUPS
***

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


             L0045373    , L0045374    , L0045375    , L0045376    , L0045377    ,
L0045378    , L0045379    , L0045380    ,

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L0045402    , L0045403    , L0045404    ,

             L0045405    , L0045406    , L0045407    , L0045408    , L0045409    ,
L0045410    , L0045411    , L0045412    ,

             L0045413    , L0045414    , L0045415    , L0045416    , L0045417    ,
L0045418    , L0045419    , L0045420    ,

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L0045426    , L0045427    , L0045428    ,

             L0045429    , L0045430    , L0045431    , L0045432    , L0045433    ,
L0045434    , L0045435    , L0045436    ,

             L0045437    , L0045438    , L0045439    , L0045440    , L0045441    ,
L0045442    , L0045443    , L0045444    ,
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             L0045461    , L0045462    , L0045463    , L0045464    , L0045465    ,
L0045466    , L0045467    , L0045468    ,

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L0045474    , L0045475    , L0045476    ,

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L0045482    , L0045483    , L0045484    ,

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L0045498    , L0045499    ,
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
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 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


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

  URBAN ID   URBAN POP                                     SOURCE IDs
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               216995.   C3039006    , C3039007    , C3039008    , C3039009    ,
C3039010    , C3039011    , C3039012    ,
 C3039013    ,

             C3039014    , C3039015    , C3039016    , C3039017    , C3039018    ,
C3039019    , C3039020    , C3039021    ,

             C3039022    , C3039023    , C3039024    , C3039025    , C3039026    ,
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C3039067 , C3039068 , C3039069 ,

C3039070 , C3039071 , C3039072 , C3039073 , C3039074 ,
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C3039155 , C3039156 , C3039157 ,

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C3039163 , C3039164 , C3039165 ,
*** AERMOD - VERSION 19191 *** *** Ono Construction PM exhaust
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs
		C3039166 , C3039167 , C3039168 , C3039169 , C3039170 , C3039171 , C3039172 , C3039173 ,
		C3039174 , C3039175 , C3039176 , C3039177 , C3039178 , C3039179 , C3039180 , C3039181 ,
		C3039182 , C3039183 , C3039184 , C3039185 , C3039186 , C3039187 , C3039188 , C3039189 ,
		C3039190 , C3039191 , C3039192 , C3039193 , C3039194 , C3039195 , C3039196 , C3039197 ,
		C3039198 , C3039199 , C3039200 , C3039201 , C3039202 , C3039203 , C3039204 , C3039205 ,
		C3039206 , C3039207 , C3039208 , C3039209 , C3039210 , C3039211 , C3039212 , C3039213 ,
		C3039214 , C3039215 , C3039216 , C3039217 , C3039218 , C3039219 , C3039220 , C3039221 ,
		C3039222 , C3039223 , C3039224 , C3039225 , C3039226 , C3039227 , C3039228 , C3039229 ,
		C3039230 , C3039231 , C3039232 , C3039233 , C3039234 , C3039235 , C3039236 , C3039237 ,
		C3039238 , C3039239 , C3039240 , C3039241 , C3039242 , C3039243 , C3039244 , C3039245 ,
		C3039246 , C3039247 , C3039248 , C3039249 , C3039250 ,

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C3039323 , C3039324 , C3039325 ,
*** AERMOD - VERSION 19191 *** *** Ono Construction PM exhaust
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs

C3039326 , C3039327 , C3039328 , C3039329 , C3039330 ,
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L0045018 , L0045019 , L0045020 ,
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs

L0045021 , L0045022 , L0045023 , L0045024 , L0045025 ,
L0045026 , L0045027 , L0045028 ,

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             L0045101    , L0045102    , L0045103    , L0045104    , L0045105    ,
L0045106    , L0045107    , L0045108    ,

             L0045109    , L0045110    , L0045111    , L0045112    , L0045113    ,
L0045114    , L0045115    , L0045116    ,

             L0045117    , L0045118    , L0045119    , L0045120    , L0045121    ,
L0045122    , L0045123    , L0045124    ,

             L0045125    , L0045126    , L0045127    , L0045128    , L0045129    ,
L0045130    , L0045131    , L0045132    ,

             L0045133    , L0045134    , L0045135    , L0045136    , L0045137    ,
L0045138    , L0045139    , L0045140    ,

             L0045141    , L0045142    , L0045143    , L0045144    , L0045145    ,
L0045146    , L0045147    , L0045148    ,

             L0045149    , L0045150    , L0045151    , L0045152    , L0045153    ,
L0045154    , L0045155    , L0045156    ,

             L0045157    , L0045158    , L0045159    , L0045160    , L0045161    ,
L0045162    , L0045163    , L0045164    ,

             L0045165    , L0045166    , L0045167    , L0045168    , L0045169    ,
L0045170    , L0045171    , L0045172    ,

             L0045173    , L0045174    , L0045175    , L0045176    , L0045177    ,
L0045178    , L0045179    , L0045180    ,
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                  PAGE  39
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


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

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

L0045181 , L0045182 , L0045183 , L0045184 , L0045185 ,
L0045186 , L0045187 , L0045188 ,

L0045189 , L0045190 , L0045191 , L0045192 , L0045193 ,
L0045194 , L0045195 , L0045196 ,

L0045197 , L0045198 , L0045199 , L0045200 , L0045201 ,
L0045202 , L0045203 , L0045204 ,

L0045205 , L0045206 , L0045207 , L0045208 , L0045209 ,
L0045210 , L0045211 , L0045212 ,

L0045213 , L0045214 , L0045215 , L0045216 , L0045217 ,
L0045218 , L0045219 , L0045220 ,

L0045221 , L0045222 , L0045223 , L0045224 , L0045225 ,
L0045226 , L0045227 , L0045228 ,

L0045229 , L0045230 , L0045231 , L0045232 , L0045233 ,
L0045234 , L0045235 , L0045236 ,

L0045237 , L0045238 , L0045239 , L0045240 , L0045241 ,
L0045242 , L0045243 , L0045244 ,

L0045245 , L0045246 , L0045247 , L0045248 , L0045249 ,
L0045250 , L0045251 , L0045252 ,

L0045253 , L0045254 , L0045255 , L0045256 , L0045257 ,
L0045258 , L0045259 , L0045260 ,

L0045261 , L0045262 , L0045263 , L0045264 , L0045265 ,
L0045266 , L0045267 , L0045268 ,

L0045269 , L0045270 , L0045271 , L0045272 , L0045273 ,
L0045274 , L0045275 , L0045276 ,

L0045277 , L0045278 , L0045279 , L0045280 , L0045281 ,
L0045282 , L0045283 , L0045284 ,

L0045285 , L0045286 , L0045287 , L0045288 , L0045289 ,
L0045290 , L0045291 , L0045292 ,

L0045293 , L0045294 , L0045295 , L0045296 , L0045297 ,
L0045298 , L0045299 , L0045300 ,

L0045301 , L0045302 , L0045303 , L0045304 , L0045305 ,

L0045306 , L0045307 , L0045308 ,

L0045309 , L0045310 , L0045311 , L0045312 , L0045313 ,
L0045314 , L0045315 , L0045316 ,

L0045317 , L0045318 , L0045319 , L0045320 , L0045321 ,
L0045322 , L0045323 , L0045324 ,

L0045325 , L0045326 , L0045327 , L0045328 , L0045329 ,
L0045330 , L0045331 , L0045332 ,

L0045333 , L0045334 , L0045335 , L0045336 , L0045337 ,
L0045338 , L0045339 , L0045340 ,
*** AERMOD - VERSION 19191 *** *** Ono Construction PM exhaust
*** 06/24/20
*** AERMET - VERSION 16216 *** ***
*** 20:28:17

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs

L0045341 , L0045342 , L0045343 , L0045344 , L0045345 ,
L0045346 , L0045347 , L0045348 ,

L0045349 , L0045350 , L0045351 , L0045352 , L0045353 ,
L0045354 , L0045355 , L0045356 ,

L0045357 , L0045358 , L0045359 , L0045360 , L0045361 ,
L0045362 , L0045363 , L0045364 ,

L0045365 , L0045366 , L0045367 , L0045368 , L0045369 ,
L0045370 , L0045371 , L0045372 ,

L0045373 , L0045374 , L0045375 , L0045376 , L0045377 ,
L0045378 , L0045379 , L0045380 ,

L0045381 , L0045382 , L0045383 , L0045384 , L0045385 ,
L0045386 , L0045387 , L0045388 ,

L0045389 , L0045390 , L0045391 , L0045392 , L0045393 ,

```
L0045394    , L0045395    , L0045396    ,

             L0045397    , L0045398    , L0045399    , L0045400    , L0045401    ,
L0045402    , L0045403    , L0045404    ,

             L0045405    , L0045406    , L0045407    , L0045408    , L0045409    ,
L0045410    , L0045411    , L0045412    ,

             L0045413    , L0045414    , L0045415    , L0045416    , L0045417    ,
L0045418    , L0045419    , L0045420    ,

             L0045421    , L0045422    , L0045423    , L0045424    , L0045425    ,
L0045426    , L0045427    , L0045428    ,

             L0045429    , L0045430    , L0045431    , L0045432    , L0045433    ,
L0045434    , L0045435    , L0045436    ,

             L0045437    , L0045438    , L0045439    , L0045440    , L0045441    ,
L0045442    , L0045443    , L0045444    ,

             L0045445    , L0045446    , L0045447    , L0045448    , L0045449    ,
L0045450    , L0045451    , L0045452    ,

             L0045453    , L0045454    , L0045455    , L0045456    , L0045457    ,
L0045458    , L0045459    , L0045460    ,

             L0045461    , L0045462    , L0045463    , L0045464    , L0045465    ,
L0045466    , L0045467    , L0045468    ,

             L0045469    , L0045470    , L0045471    , L0045472    , L0045473    ,
L0045474    , L0045475    , L0045476    ,

             L0045477    , L0045478    , L0045479    , L0045480    , L0045481    ,
L0045482    , L0045483    , L0045484    ,

             L0045485    , L0045486    , L0045487    , L0045488    , L0045489    ,
L0045490    , L0045491    , L0045492    ,

             L0045493    , L0045494    , L0045495    , L0045496    , L0045497    ,
L0045498    , L0045499    ,
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                  PAGE  41
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

```
                              * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039006     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039007     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039008     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039009     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
```

```
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039010     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
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                                   PAGE  42
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039011     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039012     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
```

```
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039013     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039014     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039015     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE  43
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *
```

```
    HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039016     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039017     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039018     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039019     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
```

```
 23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039020     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE  44
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039021     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039022     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
```

```
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039023     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039024     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039025     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```



```
                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
```

```
 HOUR    SCALAR      HOUR    SCALAR
 - - -
```

```
 SOURCE ID = C3039030     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE  46
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039031     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039032     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```

```
 SOURCE ID = C3039033     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039034     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039035     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE  47
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

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


 SOURCE ID = C3039036     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039037     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039038     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039039     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039040     ; SOURCE TYPE = VOLUME   :
```

```
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE  48
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039041     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039042     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```

```
 SOURCE ID = C3039043     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039044     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039045     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE  49
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
```

```
SOURCE ID = C3039046     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039047     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039048     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039049     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039050     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
```

```
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

*** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                  PAGE  50
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039051     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039052     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039053     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
```

```
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039054     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039055     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE  51
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039056     ; SOURCE TYPE = VOLUME   :
```

```
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039057     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039058     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039059     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039060     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
```

```
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE  52
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039061     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039062     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039063     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
```

```
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039064     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039065     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE  53
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039066     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
```

```
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039067     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039068     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039069     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039070     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
```

```
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE  54
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039071     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039072     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039073     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
```

```
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039074     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039075     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                  PAGE  55
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039076     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
```

```
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039077     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039078     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039079     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039080     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

```
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE  56
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039081     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039082     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039083     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
```

```
 23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039084     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039085     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE  57
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039086     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
```

```
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039087     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039088     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039089     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039090     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

```
    HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - -
```

```
 SOURCE ID = C3039094     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039095     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039096     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```

```
SOURCE ID = C3039097     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039098     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039099     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039100     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

```
     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039101     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039102     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039103     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039104     ; SOURCE TYPE = VOLUME   :
```

```
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039105     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039106     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```

```
SOURCE ID = C3039107     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039108     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039109     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039110     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

*** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
*** AERMET - VERSION  16216 ***   ***
                         ***        20:28:17
```

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

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039111     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039112     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039113     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039114     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
```

```
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039115     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE  63
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039116     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039117     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
```

```
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039118     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039119     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039120     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE  64
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

```
                              * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039121     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039122     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039123     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039124     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
```

```
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039125     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039126     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039127     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
```

```
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039128     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039129     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039130     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```



```
                    * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
```

```
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039131     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039132     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039133     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039134     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
```

```
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039135     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE  67
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039136     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039137     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
```

```
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039138     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039139     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039140     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE  68
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *
```

```
    HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039141     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039142     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039143     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039144     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```

```
 SOURCE ID = C3039145     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE  69
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039146     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039147     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
```

```
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039148     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039149     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039150     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE  70
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
```

```
 - - -
```

```
 SOURCE ID = C3039155     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE  71
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039156     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039157     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```

```
 SOURCE ID = C3039158     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039159     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039160     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE  72
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
```

```
SOURCE ID = C3039161     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039162     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039163     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039164     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039165     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
```

```
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                  PAGE  73
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039166     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039167     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039168     ; SOURCE TYPE = VOLUME   :
```

```
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039169     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039170     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE  74
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
```

```
SOURCE ID = C3039171     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039172     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039173     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039174     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039175     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
```

```
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

*** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
*** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                  PAGE  75
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                           * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

    HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


SOURCE ID = C3039176     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039177     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039178     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
```

```
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039179     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039180     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE  76
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039181     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
```

```
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039182     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039183     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039184     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039185     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
```

```
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039186     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039187     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039188     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
```

```
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039189     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039190     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE  78
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039191     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
```

```
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039192     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039193     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039194     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039195     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
```

```
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                  PAGE  79
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039196     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039197     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039198     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
```

```
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039199     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039200     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE  80
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039201     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
```

```
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039202     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039203     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039204     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039205     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

```
     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039206     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039207     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039208     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```

```
 SOURCE ID = C3039209     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039210     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE  82
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039211     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
```

```
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039212     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039213     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039214     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039215     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

```
    HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - -
```

```
 SOURCE ID = C3039219     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039220     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039221     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```

```
SOURCE ID = C3039222     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039223     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039224     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039225     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

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

                          * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039226     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039227     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039228     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039229     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
```

```
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039230     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE  86
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039231     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039232     ; SOURCE TYPE = VOLUME   :
```

```
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039233     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039234     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039235     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

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

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039236     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039237     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039238     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039239     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
```

```
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039240     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                  PAGE  88
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039241     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039242     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
```

```
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039243     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039244     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039245     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE  89
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

```
                              * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039246     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039247     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039248     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039249     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
```

```
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039250     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

*** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
*** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

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*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                           * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

    HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


SOURCE ID = C3039251     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039252     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
```

```
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039253     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039254     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039255     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE  91
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *
```

```
    HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039256     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039257     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039258     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039259     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
```

```
 23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039260     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                  PAGE  92
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039261     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039262     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
```

```
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039263     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039264     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039265     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```



```
                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
```

```
 HOUR    SCALAR      HOUR    SCALAR
 - - -
```

```
 SOURCE ID = C3039270     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE  94
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039271     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039272     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```

```
 SOURCE ID = C3039273     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039274     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039275     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE  95
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

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


 SOURCE ID = C3039276     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039277     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039278     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039279     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039280     ; SOURCE TYPE = VOLUME   :
```

```
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039281     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039282     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```

```
 SOURCE ID = C3039283     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039284     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039285     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
```

```
SOURCE ID = C3039286     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039287     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039288     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039289     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039290     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
```

```
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

*** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039291     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039292     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039293     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
```

```
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039294     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039295     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE  99
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039296     ; SOURCE TYPE = VOLUME   :
```

```
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039297     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039298     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039299     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039300     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
```

```
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 100
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039301     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039302     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039303     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
```

```
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039304     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039305     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 101
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


SOURCE ID = C3039306     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
```

```
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039307     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039308     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039309     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039310     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
```

```
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 102
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039311     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039312     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039313     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
```

```
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039314     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039315     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                  PAGE 103
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039316     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
```

```
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039317     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039318     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039319     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039320     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

```
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 104
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039321     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039322     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039323     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
```

```
 23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039324     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039325     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 105
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039326     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
```

```
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039327     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039328     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039329     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039330     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

```
    HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - -
```

```
 SOURCE ID = C3039334     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039335     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 107
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039336     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```

```
SOURCE ID = C3039337     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039338     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039339     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039340     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

```
     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039341     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039342     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039343     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039344     ; SOURCE TYPE = VOLUME   :
```

```
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039345     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 109
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039346     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```

```
SOURCE ID = C3039347     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039348     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039349     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039350     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

*** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
*** AERMET - VERSION  16216 ***   ***
                         ***        20:28:17
```

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

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039351     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039352     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039353     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039354     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
```

```
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039355     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 111
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039356     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039357     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
```

```
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039358     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039359     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039360     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

```
                              * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039361     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039362     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039363     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039364     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
```

```
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039365     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 113
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039366     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039367     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
```

```
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039368     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039369     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039370     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```



```
                              * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
```

```
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039371     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039372     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039373     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039374     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
```

```
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039375     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 115
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039376     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039377     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
```

```
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039378     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039379     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039380     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 116
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *
```

```
    HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039381     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039382     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039383     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039384     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```

```
 SOURCE ID = C3039385     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                  PAGE 117
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039386     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039387     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
```

```
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039388     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039389     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039390     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

*** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
*** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                  PAGE 118
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

    HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
```

```
 - - -
```

```
 SOURCE ID = C3039395     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 119
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039396     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039397     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```

```
 SOURCE ID = C3039398     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039399     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039400     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 120
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
```

```
SOURCE ID = C3039401     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039402     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039403     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039404     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039405     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
```

```
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                   PAGE 121
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039406     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039407     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039408     ; SOURCE TYPE = VOLUME   :
```

```
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039409     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039410     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 122
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
```

```
SOURCE ID = C3039411     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039412     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039413     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039414     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C3039415     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
```

```
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 123
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039416     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039417     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039418     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
```

```
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039419     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C3039420     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 124
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C3039421     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
```

```
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C4039838     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C4039839     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C4039840     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C4039841     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
```

```
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

*** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                        ***        06/24/20
*** AERMET - VERSION  16216 ***   ***
                      ***        20:28:17

                                 PAGE 125
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                           * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

    HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


SOURCE ID = C4039842     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C4039843     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C4039844     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
```

```
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C4039845     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C4039846     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 126
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C4039847     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
```

```
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C4039848     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C4039849     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C4039850     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C4039851     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
```

```
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 127
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C4039852     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C4039853     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C4039854     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
```

```
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C4039855     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C4039856     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 128
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C4039857     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
```

```
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C4039858     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C4039859     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C4039860     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = C4039861     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

```
     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C4039862     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C4039863     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C4039864     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```

```
 SOURCE ID = C4039865     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = C4039866     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 130
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = C4039867     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
```

```
 23   .00000E+00     24   .00000E+00


SOURCE ID = C4039868     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0044988     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0044989     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0044990     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

```
    HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - -
```

```
 SOURCE ID = L0044994     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0044995     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 132
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0044996     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```

```
SOURCE ID = L0044997     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0044998     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0044999     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045000     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

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

                          * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045001     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045002     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045003     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045004     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
```

```
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045005     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 134
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045006     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045007     ; SOURCE TYPE = VOLUME   :
```

```
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045008     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045009     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045010     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

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

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045011     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045012     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045013     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045014     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
```

```
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045015     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                  PAGE 136
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045016     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045017     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
```

```
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045018     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045019     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045020     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

```
                              * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045021     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045022     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045023     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045024     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
```

```
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045025     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

*** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
*** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                  PAGE 138
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                           * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

    HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


SOURCE ID = L0045026     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045027     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
```

```
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045028     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045029     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045030     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```



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                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *
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    HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045031     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045032     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045033     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045034     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
```

```
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045035     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 140
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045036     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045037     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
```

```
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045038     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045039     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045040     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```



```
                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
```

```
 HOUR    SCALAR      HOUR    SCALAR
 - - -
```

```
 SOURCE ID = L0045045     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 142
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045046     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045047     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```

```
 SOURCE ID = L0045048     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045049     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045050     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 143
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

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


 SOURCE ID = L0045051     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045052     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045053     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045054     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045055     ; SOURCE TYPE = VOLUME   :
```

```
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 144
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045056     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045057     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```

```
 SOURCE ID = L0045058     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045059     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045060     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 145
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
```

```
SOURCE ID = L0045061     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045062     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045063     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045064     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045065     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
```

```
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 146
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045066     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045067     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045068     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
```

```
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045069     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045070     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

*** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
*** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                  PAGE 147
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


SOURCE ID = L0045071     ; SOURCE TYPE = VOLUME   :
```

```
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045072     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045073     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045074     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045075     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
```

```
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 148
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045076     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045077     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045078     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
```

```
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045079     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045080     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 149
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045081     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
```

```
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045082     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045083     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045084     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045085     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
```

```
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 150
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045086     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045087     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045088     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
```

```
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045089     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045090     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                  PAGE 151
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045091     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
```

```
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045092     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045093     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045094     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045095     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

```
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 152
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045096     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045097     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045098     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
```

```
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045099     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045100     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 153
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045101     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
```

```
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045102     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045103     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045104     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045105     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

```
    HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - -
```

```
 SOURCE ID = L0045109     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045110     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                  PAGE 155
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045111     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```

```
SOURCE ID = L0045112     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045113     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045114     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045115     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

```
     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045116     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045117     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045118     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045119     ; SOURCE TYPE = VOLUME   :
```

```
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045120     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 157
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045121     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```

```
SOURCE ID = L0045122     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045123     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045124     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045125     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

*** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
*** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17
```

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

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045126     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045127     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045128     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045129     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
```

```
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045130     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 159
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045131     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045132     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
```

```
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045133     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045134     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045135     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

```
                              * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045136     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045137     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045138     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045139     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
```

```
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045140     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 161
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045141     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045142     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
```

```
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045143     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045144     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045145     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```



```
                          * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
```

```
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045146     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045147     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045148     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045149     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
```

```
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045150     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 163
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045151     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045152     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
```

```
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045153     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045154     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045155     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 164
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *
```

```
    HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045156     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045157     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045158     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045159     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```

```
 SOURCE ID = L0045160     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 165
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045161     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045162     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
```

```
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045163     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045164     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045165     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

*** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
*** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                  PAGE 166
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

    HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
```

```
 - - -
```

```
 SOURCE ID = L0045170     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 167
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045171     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045172     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```

```
 SOURCE ID = L0045173     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045174     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045175     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 168
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
```

```
SOURCE ID = L0045176     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045177     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045178     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045179     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045180     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
```

```
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                  PAGE 169
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045181     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045182     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045183     ; SOURCE TYPE = VOLUME   :
```

```
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045184     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045185     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 170
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
```

```
SOURCE ID = L0045186     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045187     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045188     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045189     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045190     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
```

```
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

*** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
*** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                  PAGE 171
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                           * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

    HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


SOURCE ID = L0045191     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045192     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045193     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
```

```
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045194     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045195     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 172
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045196     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
```

```
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045197     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045198     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045199     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045200     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
```

```
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                  PAGE 173
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045201     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045202     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045203     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
```

```
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045204     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045205     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 174
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045206     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
```

```
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045207     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045208     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045209     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045210     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
```

```
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 175
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045211     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045212     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045213     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
```

```
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045214     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045215     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 176
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045216     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
```

```
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045217     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045218     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045219     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045220     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

```
     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045221     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045222     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045223     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```

```
 SOURCE ID = L0045224     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045225     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 178
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045226     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
```

```
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045227     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045228     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045229     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045230     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

```
    HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - -
```

```
 SOURCE ID = L0045234     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045235     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 180
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045236     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```

```
SOURCE ID = L0045237     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045238     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045239     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045240     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

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

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045241     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045242     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045243     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045244     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
```

```
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045245     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 182
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045246     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045247     ; SOURCE TYPE = VOLUME   :
```

```
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045248     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045249     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045250     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

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

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045251     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045252     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045253     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045254     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
```

```
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045255     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

*** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                  PAGE 184
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045256     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045257     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
```

```
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045258     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045259     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045260     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

```
                              * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045261     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045262     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045263     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045264     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
```

```
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045265     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

*** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
*** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                  PAGE 186
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                           * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

    HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


SOURCE ID = L0045266     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045267     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
```

```
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045268     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045269     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045270     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```



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

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *
```

```
    HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045271     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045272     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045273     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045274     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
```

```
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045275     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 188
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045276     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045277     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
```

```
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045278     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045279     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045280     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```



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

                              * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
```

```
 HOUR    SCALAR      HOUR    SCALAR
 - - -
```

```
 SOURCE ID = L0045285     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 190
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045286     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045287     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```

```
 SOURCE ID = L0045288     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045289     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045290     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 191
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

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


 SOURCE ID = L0045291     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045292     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045293     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045294     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045295     ; SOURCE TYPE = VOLUME   :
```

```
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 192
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045296     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045297     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```

```
 SOURCE ID = L0045298     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045299     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045300     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 193
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
```

```
SOURCE ID = L0045301     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045302     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045303     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045304     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045305     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
```

```
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 194
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045306     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045307     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045308     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
```

```
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045309     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045310     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 195
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045311     ; SOURCE TYPE = VOLUME   :
```

```
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045312     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045313     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045314     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045315     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
```

```
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 196
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045316     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045317     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045318     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
```

```
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045319     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045320     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

*** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
*** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                  PAGE 197
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

    HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -


SOURCE ID = L0045321     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
```

```
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045322     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045323     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045324     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045325     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
```

```
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 198
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045326     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045327     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045328     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
```

```
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045329     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045330     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                  PAGE 199
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045331     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
```

```
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045332     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045333     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045334     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045335     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

```
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 200
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045336     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045337     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045338     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
```

```
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045339     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045340     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 201
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045341     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
```

```
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045342     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045343     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045344     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045345     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

```
    HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045346     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045347     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045348     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```

```
 SOURCE ID = L0045349     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045350     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 203
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045351     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```

```
SOURCE ID = L0045352     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045353     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045354     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045355     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

```
     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045356     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045357     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045358     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045359     ; SOURCE TYPE = VOLUME   :
```

```
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045360     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 205
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045361     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```

```
SOURCE ID = L0045362     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045363     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045364     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045365     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

*** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
*** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17
```

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

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045366     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045367     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045368     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045369     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
```

```
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045370     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 207
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045371     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045372     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
```

```
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045373     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045374     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045375     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

*** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
*** AERMET - VERSION  16216 ***   ***
                        ***       20:28:17

                                  PAGE 208
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

```
                              * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045376     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045377     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045378     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045379     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
```

```
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045380     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 209
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045381     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045382     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
```

```
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045383     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045384     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045385     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```



```
                              * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
```

```
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045386     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045387     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045388     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045389     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
```

```
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045390     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 211
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045391     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045392     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
```

```
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045393     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045394     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045395     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

*** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
*** AERMET - VERSION  16216 ***   ***
                        ***       20:28:17

                                  PAGE 212
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *
```

```
    HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045396     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045397     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045398     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045399     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```

```
 SOURCE ID = L0045400     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 213
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045401     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045402     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
```

23 .00000E+00 24 .00000E+00

SOURCE ID = L0045403 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
5 .00000E+00 6 .00000E+00
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
11 .10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
17 .10000E+01 18 .10000E+01
19 .10000E+01 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

SOURCE ID = L0045404 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
5 .00000E+00 6 .00000E+00
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
11 .10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
17 .10000E+01 18 .10000E+01
19 .10000E+01 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

SOURCE ID = L0045405 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
5 .00000E+00 6 .00000E+00
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
11 .10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
17 .10000E+01 18 .10000E+01
19 .10000E+01 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

```
 - - -
```

```
 SOURCE ID = L0045410     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 215
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045411     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045412     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```

```
 SOURCE ID = L0045413     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045414     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045415     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 216
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
```

```
SOURCE ID = L0045416     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045417     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045418     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045419     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045420     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
```

```
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                  PAGE 217
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045421     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045422     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045423     ; SOURCE TYPE = VOLUME   :
```

```
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045424     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045425     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 218
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
```

```
SOURCE ID = L0045426     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045427     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045428     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045429     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045430     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
```

```
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

*** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
*** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                  PAGE 219
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                           * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

    HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
HOUR    SCALAR      HOUR    SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


SOURCE ID = L0045431     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045432     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045433     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
```

```
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045434     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045435     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 220
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045436     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
```

```
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045437     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045438     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045439     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045440     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
```

```
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                  PAGE 221
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045441     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045442     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045443     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
```

```
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045444     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045445     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 222
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045446     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
```

```
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045447     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045448     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045449     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045450     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
```

```
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                  PAGE 223
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045451     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045452     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045453     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
```

```
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045454     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045455     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 224
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045456     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
```

```
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045457     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045458     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045459     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045460     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

```
     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045461     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045462     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045463     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```

```
 SOURCE ID = L0045464     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045465     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 226
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045466     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
```

```
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045467     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045468     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045469     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045470     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

```
    HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - -
```

```
 SOURCE ID = L0045474     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045475     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 228
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045476     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00
```

```
SOURCE ID = L0045477     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045478     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045479     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045480     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

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

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045481     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045482     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045483     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045484     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
```

```
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045485     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 230
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045486     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045487     ; SOURCE TYPE = VOLUME   :
```

```
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045488     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045489     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


SOURCE ID = L0045490     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00
```

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

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045491     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045492     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045493     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
  11   .10000E+01     12   .10000E+01
      13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
  17   .10000E+01     18   .10000E+01
      19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
  23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045494     ; SOURCE TYPE = VOLUME   :
       1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
   5   .00000E+00      6   .00000E+00
       7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
```

```
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045495     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

*** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                  PAGE 232
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            * SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

     HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR      HOUR    SCALAR
 HOUR    SCALAR      HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -


 SOURCE ID = L0045496     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045497     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
```

```
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045498     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00


 SOURCE ID = L0045499     ; SOURCE TYPE = VOLUME   :
      1   .00000E+00      2   .00000E+00      3   .00000E+00      4   .00000E+00
  5   .00000E+00      6   .00000E+00
      7   .10000E+01      8   .10000E+01      9   .10000E+01     10   .10000E+01
 11   .10000E+01     12   .10000E+01
     13   .10000E+01     14   .10000E+01     15   .10000E+01     16   .10000E+01
 17   .10000E+01     18   .10000E+01
     19   .10000E+01     20   .00000E+00     21   .00000E+00     22   .00000E+00
 23   .00000E+00     24   .00000E+00

 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 233
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                        *** GRIDDED RECEPTOR NETWORK SUMMARY ***

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

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

      471773.4,  471823.4,  471873.4,  471923.4,  471973.4,  472023.4,

                                          *** Y-COORDINATES OF GRID ***
```

3774152.4, 3774202.4, 3774252.4, 3774302.4, 3774352.4, 3774402.4, 3774452.4, 3774502.4, 3774552.4, 3774602.4,
3774652.4, 3774702.4, 3774752.4, 3774802.4, 3774852.4, 3774902.4, 3774952.4, 3775002.4, 3775052.4, 3775102.4,
3775152.4, 3775202.4, 3775252.4, 3775302.4, 3775352.4, 3775402.4, 3775452.4, 3775502.4, 3775552.4, 3775602.4,
3775652.4, 3775702.4, 3775752.4, 3775802.4, 3775852.4, 3775902.4, 3775952.4, 3776002.4, 3776052.4, 3776102.4,

*** AERMOD - VERSION 19191 *** *** Ono Construction PM exhaust
*** 06/24/20
*** AERMET - VERSION 16216 *** ***
*** 20:28:17

PAGE 234
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471773.42	471823.42	471873.42	471923.42	471973.42	472023.42
3776102.42	348.00	347.60	347.10	346.60	346.10	345.90
3776052.42	347.60	347.30	346.90	346.40	346.00	345.60
3776002.42	347.10	346.90	346.60	346.30	345.70	345.20
3775952.42	346.50	346.30	346.10	345.70	345.30	344.90
3775902.42	346.20	345.90	345.60	345.40	345.20	344.60
3775852.42	345.70	345.40	345.10	344.80	344.70	344.40
3775802.42	345.30	345.00	344.60	344.30	344.20	344.00
3775752.42	344.80	344.50	344.10	343.80	343.60	343.40
3775702.42	344.40	344.10	343.70	343.40	343.10	342.90

3775652.42	343.90	344.10	344.90	346.50	348.50
345.10					
3775602.42	343.50	343.30	343.00	342.90	343.10
342.30					
3775552.42	342.90	342.60	342.10	341.80	341.50
341.20					
3775502.42	342.40	342.10	341.80	341.50	341.10
340.90					
3775452.42	341.80	341.50	341.20	340.90	340.50
340.30					
3775402.42	341.40	341.20	340.90	340.60	340.20
339.70					
3775352.42	340.80	340.60	340.20	339.90	339.60
339.10					
3775302.42	340.30	340.00	339.70	339.50	339.10
338.60					
3775252.42	339.70	339.30	339.00	338.80	338.50
338.10					
3775202.42	339.30	338.80	338.60	338.30	338.00
337.70					
3775152.42	338.80	338.40	338.10	337.80	337.40
337.20					
3775102.42	338.40	338.00	337.60	337.50	337.00
336.80					
3775052.42	337.90	337.40	337.20	337.50	338.00
337.00					
3775002.42	337.60	337.10	336.90	337.20	338.50
337.00					
3774952.42	337.20	336.80	336.50	336.00	335.60
335.40					
3774902.42	336.90	336.40	336.10	335.50	335.20
334.80					
3774852.42	336.60	336.10	335.70	335.10	334.70
334.30					
3774802.42	336.20	335.70	335.30	334.70	334.30
334.00					
3774752.42	335.90	335.40	335.10	334.50	334.10
333.60					
3774702.42	335.50	335.10	334.90	334.30	333.90
333.30					
3774652.42	335.10	334.70	334.40	334.00	333.70
333.10					
3774602.42	334.60	334.10	333.90	333.50	333.20
332.60					
3774552.42	334.30	333.80	333.60	333.10	332.90
332.30					
3774502.42	333.80	333.30	332.90	332.50	332.30
331.80					

```
  3774452.42 |        333.50       332.90       332.50       331.90       331.80
   331.40
  3774402.42 |        332.80       332.40       331.90       331.50       331.20
   330.90
  3774352.42 |        332.30       331.90       331.60       331.10       330.70
   330.40
  3774302.42 |        331.70       331.30       331.00       330.60       330.20
   329.90
  3774252.42 |        331.40       330.80       331.50       332.00       330.90
   329.40
  3774202.42 |        330.70       330.70       332.80       336.00       334.40
   329.00
  3774152.42 |        330.70       330.40       330.20       330.70       330.20
   328.80
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

                                                 * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                                 X-COORD (METERS)
    (METERS) |     471773.42    471823.42    471873.42    471923.42    471973.42
472023.42
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

  3776102.42 |        348.00       347.60       347.10       346.60       346.10
   345.90
  3776052.42 |        347.60       347.30       346.90       346.40       346.00
   345.60
  3776002.42 |        347.10       346.90       346.60       346.30       345.70
   345.20
  3775952.42 |        346.50       346.30       346.10       345.70       345.30
   344.90
  3775902.42 |        346.20       345.90       345.60       345.40       345.20
   344.60
  3775852.42 |        345.70       345.40       345.10       344.80       344.70
   344.40
  3775802.42 |        345.30       345.00       344.60       344.30       344.20
   344.00
  3775752.42 |        344.80       344.50       344.10       343.80       343.60
```

343.40					
3775702.42	344.40	344.10	343.70	343.40	350.60
350.60					
3775652.42	343.90	344.10	344.90	348.60	350.60
350.60					
3775602.42	343.50	343.30	343.00	350.60	350.60
350.60					
3775552.42	342.90	342.60	342.10	341.80	350.60
341.20					
3775502.42	342.40	342.10	341.80	341.50	341.10
340.90					
3775452.42	341.80	341.50	341.20	340.90	340.50
340.30					
3775402.42	341.40	341.20	340.90	340.60	340.20
339.70					
3775352.42	340.80	340.60	340.20	339.90	339.60
339.10					
3775302.42	340.30	340.00	339.70	339.50	339.10
338.60					
3775252.42	339.70	339.30	339.00	338.80	338.50
338.10					
3775202.42	339.30	338.80	338.60	338.30	338.00
337.70					
3775152.42	338.80	338.40	338.10	337.80	337.40
337.20					
3775102.42	338.40	338.00	337.60	337.50	337.00
336.80					
3775052.42	337.90	337.40	337.20	337.50	342.30
342.30					
3775002.42	337.60	337.10	336.90	337.20	342.30
342.30					
3774952.42	337.20	336.80	336.50	336.00	335.60
335.40					
3774902.42	336.90	336.40	336.10	335.50	335.20
334.80					
3774852.42	336.60	336.10	335.70	335.10	334.70
334.30					
3774802.42	336.20	335.70	335.30	334.70	334.30
334.00					
3774752.42	335.90	335.40	335.10	334.50	334.10
333.60					
3774702.42	335.50	335.10	334.90	334.30	333.90
333.30					
3774652.42	335.10	334.70	334.40	334.00	333.70
333.10					
3774602.42	334.60	334.10	333.90	333.50	333.20
332.60					
3774552.42	334.30	333.80	333.60	333.10	332.90

```
  332.30
 3774502.42 |        333.80       333.30       332.90       332.50       332.30
  331.80
 3774452.42 |        333.50       332.90       332.50       331.90       331.80
  331.40
 3774402.42 |        332.80       332.40       331.90       331.50       331.20
  330.90
 3774352.42 |        332.30       331.90       331.60       331.10       330.70
  330.40
 3774302.42 |        331.70       331.30       331.00       330.60       330.20
  329.90
 3774252.42 |        331.40       330.80       331.50       336.80       337.30
  336.80
 3774202.42 |        330.70       330.70       332.80       336.00       337.30
  337.30
 3774152.42 |        330.70       330.40       330.20       337.30       337.30
  337.30
```



```
                                       *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                  *** NETWORK ID: UCART2   ;  NETWORK TYPE:
GRIDCART ***

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

       471764.5,  471814.5,  471864.5,  471914.5,  471964.5,  472014.5,

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

      3776102.8, 3776152.8, 3776202.8, 3776252.8, 3776302.8,
```



```
                                  *** NETWORK ID: UCART2   ;  NETWORK TYPE:
```

GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471764.54	471814.54	471864.54	471914.54	471964.54	472014.54
3776302.75	349.90	349.30	348.70	347.90	347.30	347.30
3776252.75	349.40	348.80	348.20	347.60	347.00	346.90
3776202.75	349.00	348.40	347.90	347.50	346.70	346.50
3776152.75	348.50	347.90	347.50	347.00	346.40	346.20
3776102.75	348.10	347.70	347.20	346.70	346.10	346.00

*** AERMOD - VERSION 19191 *** *** Ono Construction PM exhaust ***
06/24/20
*** AERMET - VERSION 16216 *** ***
*** 20:28:17

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART2 ; NETWORK TYPE:
GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471764.54	471814.54	471864.54	471914.54	471964.54	472014.54
3776302.75	349.90	349.30	348.70	347.90	347.30	347.30
3776252.75	349.40	348.80	348.20	347.60	347.00	346.90
3776202.75	349.00	348.40	347.90	347.50	346.70	346.50
3776152.75	348.50	347.90	347.50	347.00	346.40	346.20
3776102.75	348.10	347.70	347.20	346.70	346.10	

```
   346.00
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                       *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                  *** NETWORK ID: UCART3   ;  NETWORK TYPE:
GRIDCART ***

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

       471756.6,  471806.6,  471856.6,  471906.6,  471956.6,  472006.6,

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

      3776304.7, 3776354.7, 3776404.7, 3776454.7, 3776504.7,
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 240
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                  *** NETWORK ID: UCART3   ;  NETWORK TYPE:
GRIDCART ***

                                             * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     471756.60    471806.60    471856.60    471906.60    471956.60
472006.60
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

  3776504.71 |        351.30       350.60       350.10       349.40       347.80
   344.40
  3776454.71 |        351.10       350.60       350.50       350.50       349.40
   343.80
  3776404.71 |        350.80       350.20       350.20       351.40       349.60
   345.10
```

```
  3776354.71 |        350.30       349.70       349.00       348.30       347.80
   347.00
  3776304.71 |        350.00       349.40       348.80       348.00       347.40
   347.20
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                 *** NETWORK ID: UCART3   ;  NETWORK TYPE:
GRIDCART ***

                                                 * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471756.60    471806.60    471856.60    471906.60    471956.60
472006.60
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

  3776504.71 |        351.30       350.60       350.10       349.40       349.50
   353.50
  3776454.71 |        351.10       350.60       350.50       350.50       349.40
   352.00
  3776404.71 |        350.80       350.20       350.20       352.50       352.00
   352.00
  3776354.71 |        350.30       349.70       349.00       348.30       347.80
   347.00
  3776304.71 |        350.00       349.40       348.80       348.00       347.40
   347.20
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                      *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                 *** NETWORK ID: UCART4   ;  NETWORK TYPE:
GRIDCART ***

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

471664.5, 471714.5, 471764.5, 471814.5, 471864.5, 471914.5,

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

3776503.9, 3776553.9, 3776603.9, 3776653.9,

*** NETWORK ID: UCART4 ; NETWORK TYPE:
GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471664.52	471714.52	471764.52	471814.52	471864.52	471914.52
3776653.93	353.40	352.80	352.20	351.60	350.30	349.30
3776603.93	353.10	352.50	351.90	351.20	350.70	348.30
3776553.93	352.80	352.20	351.50	350.90	350.40	349.90
3776503.93	352.60	352.00	351.20	350.50	350.00	349.30

*** NETWORK ID: UCART4 ; NETWORK TYPE:
GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD | X-COORD (METERS)

```
    (METERS) |     471664.52    471714.52    471764.52    471814.52    471864.52
471914.52
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

  3776653.93 |        353.40       352.80       352.20       351.60       350.30
   349.30
  3776603.93 |        353.10       352.50       351.90       351.20       350.70
   348.30
  3776553.93 |        352.80       352.20       351.50       350.90       350.40
   349.90
  3776503.93 |        352.60       352.00       351.20       350.50       350.00
   349.30
```



```
                                       *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                  *** NETWORK ID: UCART5   ;  NETWORK TYPE:
GRIDCART ***

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

       471554.3,  471604.3,  471654.3,

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

      3776559.2, 3776609.2, 3776659.2, 3776709.2, 3776759.2,
```



```
                                  *** NETWORK ID: UCART5   ;  NETWORK TYPE:
GRIDCART ***

                                               * ELEVATION HEIGHTS IN METERS *
```

```
    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471554.26    471604.26    471654.26
 - - -
```

471343.7, 471393.7, 471443.7, 471493.7, 471543.7,

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

3776572.8, 3776622.8, 3776672.8, 3776722.8, 3776772.8, 3776822.8, 3776872.8, 3776922.8,

*** AERMOD - VERSION 19191 *** *** Ono Construction PM exhaust
*** 06/24/20
*** AERMET - VERSION 16216 *** ***
*** 20:28:17

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471343.73	471393.73	471443.73	471493.73	471543.73
3776922.78	358.80	358.10	357.30	357.00	356.40
3776872.78	358.30	357.70	356.90	358.10	358.40
3776822.78	358.00	357.40	356.70	357.50	357.40
3776772.78	357.70	357.10	356.50	356.10	356.00
3776722.78	357.50	356.90	356.30	355.70	355.20
3776672.78	357.50	356.70	356.10	355.50	354.90
3776622.78	356.90	356.40	355.90	355.10	354.50
3776572.78	356.50	355.90	355.50	354.80	354.20

*** AERMOD - VERSION 19191 *** *** Ono Construction PM exhaust
*** 06/24/20
*** AERMET - VERSION 16216 *** ***
*** 20:28:17

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD | X-COORD (METERS)

```
    (METERS) |     471343.73    471393.73    471443.73    471493.73    471543.73
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3776922.78 |        358.80       358.10       357.30       357.00       356.40
  3776872.78 |        358.30       357.70       356.90       359.50       360.40
  3776822.78 |        358.00       357.40       356.70       360.10       360.50
  3776772.78 |        357.70       357.10       356.50       356.10       356.00
  3776722.78 |        357.50       356.90       356.30       355.70       355.20
  3776672.78 |        357.50       356.70       356.10       355.50       354.90
  3776622.78 |        356.90       356.40       355.90       355.10       354.50
  3776572.78 |        356.50       355.90       355.50       354.80       354.20
```


*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART ***

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

471137.3, 471187.3, 471237.3, 471287.3, 471337.3,

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

3776755.9, 3776805.9, 3776855.9, 3776905.9, 3776955.9, 3777005.9,

*** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

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

```
    (METERS) |     471137.27    471187.27    471237.27    471287.27    471337.27
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3777005.91 |        361.50       360.80       360.10       359.60       358.90
  3776955.91 |        361.50       360.90       360.20       359.70       358.90
  3776905.91 |        361.30       360.60       359.80       359.30       358.70
  3776855.91 |        361.00       360.30       359.60       359.00       358.30
  3776805.91 |        360.70       360.10       359.30       358.70       358.00
  3776755.91 |        360.50       359.70       359.10       358.50       357.80
```


*** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

```
    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471137.27    471187.27    471237.27    471287.27    471337.27
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3777005.91 |        361.50       360.80       360.10       359.60       358.90
  3776955.91 |        361.50       360.90       360.20       359.70       358.90
  3776905.91 |        361.30       360.60       359.80       359.30       358.70
  3776855.91 |        361.00       360.30       359.60       359.00       358.30
  3776805.91 |        360.70       360.10       359.30       358.70       358.00
  3776755.91 |        360.50       359.70       359.10       358.50       357.80
```


*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***

(METERS)

471025.8, 471075.8, 471125.8, 471175.8, 471225.8, 471275.8,

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

3777013.8, 3777063.8, 3777113.8,

*** AERMOD - VERSION 19191 *** *** Ono Construction PM exhaust
*** 06/24/20
*** AERMET - VERSION 16216 *** ***
*** 20:28:17

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART8 ; NETWORK TYPE:
GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471025.84	471075.84	471125.84	471175.84	471225.84	471275.84
3777113.78	363.20	362.60	361.70	361.20	360.70	360.40
3777063.78	363.10	362.50	361.80	361.20	360.40	359.90
3777013.78	363.00	362.40	361.70	361.00	360.30	359.70

*** AERMOD - VERSION 19191 *** *** Ono Construction PM exhaust
*** 06/24/20
*** AERMET - VERSION 16216 *** ***
*** 20:28:17

PAGE 256
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART8 ; NETWORK TYPE:
GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471025.84	471075.84	471125.84	471175.84	471225.84

471275.84
- - - -

- -

```
  3777220.72 |        363.50       363.10       362.70       362.10
  3777170.72 |        363.00       362.60       361.80       361.50
  3777120.72 |        362.70       361.80       361.30       360.70
```


*** NETWORK ID: UCART9 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

```
    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471071.36    471121.36    471171.36    471221.36
 - - - - - - - - - - - - - - - - - - -
```

3777052.6, 3777102.6, 3777152.6, 3777202.6, 3777252.6,
*** AERMOD - VERSION 19191 *** *** Ono Construction PM exhaust
*** 06/24/20
*** AERMET - VERSION 16216 *** ***
*** 20:28:17

PAGE 261
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 470606.55	470656.55	470706.55	470756.55	470806.55	470856.55	470906.55	470956.55	471006.55
3777252.65	369.40	368.60	367.70	367.30	367.00	367.20	367.30	368.10	366.50
3777202.65	369.10	368.10	367.40	366.80	366.10	365.80	365.10	364.50	363.90
3777152.65	368.40	367.50	366.90	366.30	365.80	365.40	364.70	364.10	363.60
3777102.65	368.30	367.30	366.90	366.30	365.60	365.10	364.60	364.10	363.40
3777052.65	367.90	367.10	366.80	366.20	365.50	365.00	364.50	363.90	363.20

*** AERMOD - VERSION 19191 *** *** Ono Construction PM exhaust
*** 06/24/20
*** AERMET - VERSION 16216 *** ***
*** 20:28:17

PAGE 262
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471056.55

```
  3777252.65 |        364.40
  3777202.65 |        363.40
  3777152.65 |        363.10
  3777102.65 |        362.90
  3777052.65 |        362.80
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 263
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                  *** NETWORK ID: UCART10  ;  NETWORK TYPE:
GRIDCART ***

                                                 * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                                 X-COORD (METERS)
    (METERS) |     470606.55    470656.55    470706.55    470756.55    470806.55
470856.55    470906.55    470956.55    471006.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

  3777252.65 |        369.40       368.60       367.70       367.30       367.00
   367.20       370.30       371.80       371.60
  3777202.65 |        369.10       368.10       367.40       366.80       366.10
   365.80       365.10       364.50       363.90
  3777152.65 |        368.40       367.50       366.90       366.30       365.80
   365.40       364.70       364.10       363.60
  3777102.65 |        368.30       367.30       366.90       366.30       365.60
   365.10       364.60       364.10       363.40
  3777052.65 |        367.90       367.10       366.80       366.20       365.50
   365.00       364.50       363.90       363.20
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 264
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                  *** NETWORK ID: UCART10  ;  NETWORK TYPE:
GRIDCART ***

                                                 * HILL HEIGHT SCALES IN METERS *
```

```
    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471056.55
 - - -
```

- -

3777554.36	376.20	375.30	374.70	374.10
3777504.36	375.80	375.10	374.30	373.60
3777454.36	375.30	374.70	373.80	373.10
3777404.36	374.80	374.00	373.30	372.50
3777354.36	374.10	373.50	372.80	372.00
3777304.36	373.60	373.00	372.30	371.70

*** AERMOD - VERSION 19191 *** *** Ono Construction PM exhaust
*** 06/24/20
*** AERMET - VERSION 16216 *** ***
*** 20:28:17

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART11 ; NETWORK TYPE:
GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 470269.99	470319.99	470369.99	470419.99
3777554.36	376.20	375.30	374.70	374.10
3777504.36	375.80	375.10	374.30	373.60
3777454.36	375.30	374.70	373.80	373.10
3777404.36	374.80	374.00	373.30	372.50
3777354.36	374.10	373.50	372.80	372.00
3777304.36	373.60	373.00	372.30	371.70

*** AERMOD - VERSION 19191 *** *** Ono Construction PM exhaust
*** 06/24/20
*** AERMET - VERSION 16216 *** ***
*** 20:28:17

PAGE 268
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART12 ; NETWORK TYPE:
GRIDCART ***

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

468710.7, 468760.7, 468810.7, 468860.7, 468910.7, 468960.7, 469010.7, 469060.7,

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

3779313.0, 3779363.0, 3779413.0, 3779463.0, 3779513.0, 3779563.0, 3779613.0, 3779663.0,

*** AERMOD - VERSION 19191 *** *** Ono Construction PM exhaust
*** 06/24/20
*** AERMET - VERSION 16216 *** ***
*** 20:28:17

PAGE 269
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART12 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 468710.70	468760.70	468810.70	468860.70	468910.70	468960.70	469010.70	469060.70
3779663.00	427.00	426.70	426.70	426.50	426.20	425.90	425.70	425.70
3779613.00	425.80	425.60	425.70	425.60	425.20	424.70	424.50	424.60
3779563.00	424.80	424.50	424.70	424.20	423.80	423.50	423.20	423.50
3779513.00	423.80	423.50	423.20	423.10	422.90	422.40	422.20	422.40
3779463.00	423.10	422.50	422.00	422.00	422.00	421.50	421.10	421.10
3779413.00	422.50	421.80	421.20	420.90	421.10	420.70	419.60	419.60
3779363.00	421.60	421.00	420.50	419.90	419.90	419.60	418.70	418.50
3779313.00	420.60	420.30	419.80	419.10	418.80	418.50	417.90	417.40

*** AERMOD - VERSION 19191 *** *** Ono Construction PM exhaust
*** 06/24/20
*** AERMET - VERSION 16216 *** ***
*** 20:28:17

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART12 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 468710.70	468760.70	468810.70	468860.70	468910.70	468960.70	469010.70	469060.70
3779663.00	558.10	570.40	570.90	570.90	570.90	570.90	570.90	570.90
3779613.00	558.10	558.10	570.90	570.90	570.90	570.90	570.90	570.90
3779563.00	558.10	558.10	570.90	570.90	570.90	570.90	570.90	570.90
3779513.00	558.10	558.10	570.40	570.90	570.90	570.90	570.90	570.90
3779463.00	423.10	558.10	558.10	570.90	570.90	570.90	570.90	570.90
3779413.00	422.50	557.30	558.10	570.40	570.90	570.90	570.90	570.90
3779363.00	421.60	421.00	558.10	558.10	570.90	570.90	570.90	570.90
3779313.00	420.60	420.30	419.80	558.10	558.10	570.90	570.90	570.90

*** AERMOD - VERSION 19191 *** *** Ono Construction PM exhaust ***
06/24/20
*** AERMET - VERSION 16216 *** *** *** 20:28:17

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART13 ; NETWORK TYPE: GRIDCART ***

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

471075.9, 471125.9, 471175.9, 471225.9, 471275.9, 471325.9, 471375.9, 471425.9, 471475.9, 471525.9,

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

3777361.5, 3777411.5, 3777461.5, 3777511.5, 3777561.5, 3777611.5, 3777661.5, 3777711.5, 3777761.5, 3777811.5,
3777861.5, 3777911.5,

*** AERMOD - VERSION 19191 *** *** Ono Construction PM exhaust ***
06/24/20
*** AERMET - VERSION 16216 *** ***
*** 20:28:17

PAGE 272
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART13 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471075.86	471125.86	471175.86	471225.86	471275.86	471325.86	471375.86	471425.86	471475.86
3777911.53	373.10	372.90	372.10	371.10	370.20	369.40	368.60	367.90	367.20
3777861.53	372.30	372.20	371.70	371.00	370.10	369.10	368.10	367.50	366.70
3777811.53	371.60	371.50	371.20	370.70	370.00	368.90	367.80	366.90	366.30
3777761.53	370.80	370.80	370.50	370.10	369.40	368.60	367.40	366.50	365.90
3777711.53	369.90	369.60	369.30	369.00	368.60	368.00	366.90	366.20	365.40
3777661.53	369.20	368.90	368.40	368.10	367.80	367.30	366.40	365.50	364.90
3777611.53	368.50	368.20	367.70	367.20	366.90	366.50	365.80	364.90	364.30
3777561.53	367.70	367.40	367.00	366.60	366.10	365.70	365.00	364.30	363.60
3777511.53	366.90	366.50	366.10	365.70	365.20	364.80	364.00	363.70	363.30
3777461.53	366.30	365.80	365.40	365.00	364.50	364.00	363.30	362.90	362.90
3777411.53	365.80	365.20	364.70	364.20	363.70				

363.20 362.60 362.00 361.80
3777361.53 | 364.70 364.40 363.80 364.20 363.30
362.50 362.00 361.30 360.90
*** AERMOD - VERSION 19191 *** *** Ono Construction PM exhaust
*** 06/24/20
*** AERMET - VERSION 16216 *** ***
*** 20:28:17

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART13 ; NETWORK TYPE:
GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD | X-COORD (METERS)
(METERS) | 471525.86
- - - -

```
471325.86    471375.86    471425.86    471475.86
 - - -
```

```
  3777811.53 |        532.40
  3777761.53 |        530.00
  3777711.53 |        522.10
  3777661.53 |        364.40
  3777611.53 |        363.80
  3777561.53 |        363.10
  3777511.53 |        362.70
  3777461.53 |        362.20
  3777411.53 |        361.50
  3777361.53 |        360.70
```


*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART14 ; NETWORK TYPE: GRIDCART ***

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

472114.7, 472164.7, 472214.7, 472264.7, 472314.7, 472364.7, 472414.7, 472464.7, 472514.7, 472564.7,

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

3776424.5, 3776474.5, 3776524.5, 3776574.5, 3776624.5, 3776674.5, 3776724.5, 3776774.5, 3776824.5, 3776874.5,
3776924.5, 3776974.5, 3777024.5, 3777074.5, 3777124.5,

*** NETWORK ID: UCART14 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

```
    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     472114.69    472164.69    472214.69    472264.69    472314.69
472364.69    472414.69    472464.69    472514.69
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3777124.55 |        357.00       354.30       354.10       353.80       353.90
   354.00       354.30       354.40       354.60
  3777074.55 |        356.10       354.00       353.50       353.20       353.30
   353.40       353.70       353.90       354.20
  3777024.55 |        355.30       353.50       353.10       352.80       352.80
   352.90       353.20       353.30       353.50
  3776974.55 |        354.00       352.70       352.50       352.20       352.20
   352.40       352.50       352.40       351.80
  3776924.55 |        352.80       351.90       351.90       351.70       351.80
   351.90       352.00       351.70       351.20
  3776874.55 |        351.80       350.80       350.90       350.90       351.10
   351.10       351.30       351.10       350.90
  3776824.55 |        351.20       350.20       350.20       350.20       350.50
   350.60       350.80       350.60       350.20
  3776774.55 |        350.70       349.60       349.50       349.60       349.90
   350.10       350.20       350.10       349.70
  3776724.55 |        350.40       349.40       349.10       349.10       349.50
   349.60       349.60       349.50       349.50
  3776674.55 |        350.00       349.10       348.80       348.60       348.90
   348.90       348.90       348.80       349.10
  3776624.55 |        349.60       348.70       348.40       348.20       348.50
   348.30       348.30       348.20       348.60
  3776574.55 |        349.00       348.00       347.90       347.70       347.80
   347.70       347.70       347.60       348.20
  3776524.55 |        348.50       347.50       347.30       347.20       347.20
   347.10       347.00       346.80       346.80
  3776474.55 |        348.40       347.40       347.10       346.70       346.60
   346.50       346.40       346.20       346.30
  3776424.55 |        347.80       348.30       346.90       346.30       346.20
   346.00       345.90       345.60       345.70
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 278
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                 *** NETWORK ID: UCART14  ;  NETWORK TYPE:
GRIDCART ***
```

```
                                                    * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                                  X-COORD (METERS)
    (METERS) |     472564.69
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3777124.55 |        354.90
  3777074.55 |        354.30
  3777024.55 |        353.60
  3776974.55 |        351.90
  3776924.55 |        351.30
  3776874.55 |        351.00
  3776824.55 |        350.30
  3776774.55 |        349.70
  3776724.55 |        349.50
  3776674.55 |        349.10
  3776624.55 |        348.60
  3776574.55 |        348.30
  3776524.55 |        347.00
  3776474.55 |        346.30
  3776424.55 |        345.80
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 279
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                  *** NETWORK ID: UCART14  ;  NETWORK TYPE:
GRIDCART ***

                                                    * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                                  X-COORD (METERS)
    (METERS) |     472114.69    472164.69    472214.69    472264.69    472314.69
472364.69    472414.69    472464.69    472514.69
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3777124.55 |        357.00       354.30       354.10       353.80       353.90
   354.00       354.30       354.40       354.60
  3777074.55 |        356.10       354.00       353.50       353.20       353.30
   353.40       353.70       353.90       354.20
  3777024.55 |        355.30       353.50       353.10       352.80       352.80
   352.90       353.20       353.30       353.50
  3776974.55 |        354.00       352.70       352.50       352.20       352.20
```

```
   352.40       352.50       352.40       351.80
  3776924.55 |        352.80       351.90       351.90       351.70       351.80
   351.90       352.00       351.70       351.20
  3776874.55 |        354.00       350.80       350.90       350.90       351.10
   351.10       351.30       351.10       350.90
  3776824.55 |        351.20       350.20       350.20       350.20       350.50
   350.60       350.80       350.60       350.20
  3776774.55 |        353.00       349.60       349.50       349.60       349.90
   350.10       350.20       350.10       349.70
  3776724.55 |        350.40       349.40       349.10       349.10       349.50
   349.60       349.60       349.50       349.50
  3776674.55 |        350.00       349.10       348.80       348.60       348.90
   348.90       348.90       348.80       349.10
  3776624.55 |        349.60       348.70       348.40       348.20       348.50
   348.30       348.30       348.20       348.60
  3776574.55 |        349.00       348.00       347.90       347.70       347.80
   347.70       347.70       347.60       348.20
  3776524.55 |        348.50       347.50       347.30       347.20       347.20
   347.10       347.00       346.80       346.80
  3776474.55 |        348.40       347.40       347.10       346.70       346.60
   346.50       346.40       346.20       346.30
  3776424.55 |        347.80       348.30       346.90       346.30       346.20
   346.00       345.90       345.60       345.70
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 280
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                  *** NETWORK ID: UCART14  ;  NETWORK TYPE:
GRIDCART ***

                                              * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     472564.69
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3777124.55 |        354.90
  3777074.55 |        354.30
  3777024.55 |        353.60
  3776974.55 |        351.90
  3776924.55 |        351.30
  3776874.55 |        351.00
  3776824.55 |        350.30
```

```
  3776774.55 |        349.70
  3776724.55 |        349.50
  3776674.55 |        349.10
  3776624.55 |        348.60
  3776574.55 |        348.30
  3776524.55 |        347.00
  3776474.55 |        346.30
  3776424.55 |        345.80
```



```
                                       *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                  *** NETWORK ID: UCART15  ;  NETWORK TYPE:
GRIDCART ***

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

       472138.2,  472188.2,  472238.2,  472288.2,  472338.2,

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

      3774264.7, 3774314.7, 3774364.7, 3774414.7, 3774464.7, 3774514.7, 3774564.7,
3774614.7, 3774664.7, 3774714.7,
      3774764.7, 3774814.7, 3774864.7, 3774914.7, 3774964.7, 3775014.7, 3775064.7,
3775114.7, 3775164.7, 3775214.7,
      3775264.7, 3775314.7, 3775364.7, 3775414.7, 3775464.7, 3775514.7, 3775564.7,
3775614.7, 3775664.7, 3775714.7,
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                                  *** NETWORK ID: UCART15  ;  NETWORK TYPE:
GRIDCART ***

                                              * ELEVATION HEIGHTS IN METERS *
```

Y-COORD (METERS)	X-COORD (METERS) 472138.17	472188.17	472238.17	472288.17	472338.17
3775714.69	340.60	342.10	341.50	341.20	340.50
3775664.69	342.20	344.00	341.50	340.80	340.10
3775614.69	342.00	342.70	340.80	340.30	339.80
3775564.69	341.10	340.80	339.80	339.80	339.50
3775514.69	340.20	339.90	339.20	339.20	339.00
3775464.69	339.30	339.20	338.70	338.80	338.60
3775414.69	338.60	338.50	338.20	338.20	338.00
3775364.69	338.00	338.00	337.70	337.70	337.60
3775314.69	337.60	337.50	337.20	337.10	337.00
3775264.69	337.20	337.00	336.60	336.50	336.50
3775214.69	336.80	336.80	336.30	336.00	335.90
3775164.69	336.30	336.30	335.70	335.50	335.20
3775114.69	335.70	335.60	335.10	335.00	334.60
3775064.69	335.50	335.40	334.50	334.20	333.90
3775014.69	336.20	335.40	334.10	333.80	333.30
3774964.69	334.10	333.90	333.50	333.30	332.70
3774914.69	333.40	333.60	333.10	332.70	332.30
3774864.69	333.10	333.20	332.60	332.20	331.70
3774814.69	332.80	332.70	332.10	331.60	331.20
3774764.69	332.60	332.50	331.90	331.40	331.20
3774714.69	332.20	332.00	331.50	331.20	330.80
3774664.69	331.90	331.70	331.10	330.80	330.50
3774614.69	331.50	331.20	330.70	330.40	330.00
3774564.69	331.20	330.90	330.40	330.20	329.80
3774514.69	330.70	330.60	330.00	329.80	329.30
3774464.69	329.80	330.40	329.70	329.50	328.90
3774414.69	329.80	330.10	329.40	329.00	328.50
3774364.69	330.10	329.60	328.90	328.60	328.20
3774314.69	331.10	328.80	328.30	327.90	327.40
3774264.69	332.70	329.30	327.90	327.50	327.00

*** AERMOD - VERSION 19191 *** *** Ono Construction PM exhaust ***
06/24/20
*** AERMET - VERSION 16216 *** ***
*** 20:28:17

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART15 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 472138.17	472188.17	472238.17	472288.17	472338.17
3775714.69	340.60	342.10	341.50	341.20	340.50
3775664.69	345.50	344.00	341.50	340.80	340.10
3775614.69	342.00	346.00	340.80	340.30	339.80
3775564.69	341.10	343.40	339.80	339.80	339.50
3775514.69	340.20	339.90	339.20	339.20	339.00
3775464.69	339.30	339.20	338.70	338.80	338.60
3775414.69	338.60	338.50	338.20	338.20	338.00
3775364.69	338.00	338.00	337.70	337.70	337.60
3775314.69	337.60	337.50	337.20	337.10	337.00
3775264.69	337.20	337.00	336.60	336.50	336.50
3775214.69	336.80	336.80	336.30	336.00	335.90
3775164.69	336.30	336.30	335.70	335.50	335.20
3775114.69	335.70	335.60	335.10	335.00	334.60
3775064.69	335.50	335.40	334.50	334.20	333.90
3775014.69	336.20	335.40	334.10	333.80	333.30
3774964.69	334.10	333.90	333.50	333.30	332.70
3774914.69	333.40	333.60	333.10	332.70	332.30
3774864.69	333.10	333.20	332.60	332.20	331.70
3774814.69	332.80	332.70	332.10	331.60	331.20
3774764.69	332.60	332.50	331.90	331.40	331.20
3774714.69	332.20	332.00	331.50	331.20	330.80
3774664.69	331.90	331.70	331.10	330.80	330.50
3774614.69	331.50	331.20	330.70	330.40	330.00
3774564.69	331.20	330.90	330.40	330.20	329.80
3774514.69	330.70	330.60	330.00	329.80	329.30
3774464.69	329.80	330.40	329.70	329.50	328.90
3774414.69	329.80	330.10	329.40	329.00	328.50
3774364.69	330.10	329.60	328.90	328.60	328.20
3774314.69	331.10	328.80	328.30	327.90	327.40
3774264.69	332.70	331.90	327.90	327.50	327.00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART16 ; NETWORK TYPE: GRIDCART ***

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

472255.2, 472305.2, 472355.2, 472405.2, 472455.2,

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

3775886.9, 3775936.9, 3775986.9, 3776036.9, 3776086.9, 3776136.9, 3776186.9, 3776236.9,

*** AERMOD - VERSION 19191 *** *** Ono Construction PM exhaust
*** 06/24/20
*** AERMET - VERSION 16216 *** ***
*** 20:28:17

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART16 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 472255.22	472305.22	472355.22	472405.22	472455.22
3776236.95	344.90	344.70	344.30	344.10	343.90
3776186.95	344.60	344.50	343.90	343.90	343.50
3776136.95	344.20	344.20	343.50	343.40	343.00
3776086.95	343.90	343.70	343.10	342.80	342.40
3776036.95	343.60	343.20	342.70	342.30	341.90
3775986.95	343.30	342.90	342.50	342.00	341.40
3775936.95	343.10	342.50	342.20	341.70	341.00
3775886.95	342.60	342.20	341.70	341.30	340.50

*** AERMOD - VERSION 19191 *** *** Ono Construction PM exhaust
*** 06/24/20
*** AERMET - VERSION 16216 *** ***
*** 20:28:17

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART16 ; NETWORK TYPE: GRIDCART ***

```
                                                    * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                                  X-COORD (METERS)
    (METERS) |     472255.22    472305.22    472355.22    472405.22    472455.22
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3776236.95 |        344.90       344.70       344.30       344.10       343.90
  3776186.95 |        344.60       344.50       343.90       343.90       343.50
  3776136.95 |        344.20       344.20       343.50       343.40       343.00
  3776086.95 |        343.90       343.70       343.10       342.80       342.40
  3776036.95 |        343.60       343.20       342.70       342.30       341.90
  3775986.95 |        343.30       342.90       342.50       342.00       341.40
  3775936.95 |        343.10       342.50       342.20       341.70       341.00
  3775886.95 |        342.60       342.20       341.70       341.30       340.50
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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


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

                             C3039008            472023.4     3774452.4
-2.86
                             C3039009            472023.4     3774452.4
-2.61
                             C3039021            472023.4     3774552.4
0.92
                             C3039026            472023.4     3774602.4
-1.65
                             C3039031            472023.4     3774652.4
-3.04
                             C3039036            472023.4     3774702.4
-1.25
```

	C3039045	472023.4	3774752.4
-2.88			
	C3039050	472023.4	3774802.4
-4.12			
	C3039051	472023.4	3774802.4
0.04			
	C3039055	472023.4	3774852.4
-2.03			
	C3039056	472023.4	3774852.4
-0.68			
	C3039061	472023.4	3774902.4
-1.73			
	C3039062	472023.4	3774902.4
-2.62			
	C3039067	472023.4	3774952.4
-1.48			
	C3039072	472023.4	3775002.4
-0.13			
	C3039104	472023.4	3775302.4
-5.35			
	C3039105	472023.4	3775302.4
-4.12			
	C3039109	472023.4	3775352.4
-3.58			
	C3039110	472023.4	3775352.4
-5.14			
	C3039114	472023.4	3775402.4
-1.76			
	C3039115	472023.4	3775402.4
-5.50			
	C3039116	472023.4	3775402.4
-1.48			
	C3039123	472023.4	3775452.4
0.76			
	C3039124	472023.4	3775452.4
-2.34			
	C3039128	472023.4	3775502.4
-3.34			
	C3039129	472023.4	3775502.4
-5.17			
	C3039133	472023.4	3775552.4
-2.04			
	C3039134	472023.4	3775552.4
-6.58			
	C3039138	472023.4	3775602.4
-0.77			
	C3039139	472023.4	3775602.4
-8.91			

```
                              C3039140            472023.4     3775602.4
0.78
                              C3039187            472023.4     3776052.4
-8.59
                              C3039188            472023.4     3776052.4
-0.97
                              C3039192            472023.4     3776102.4
-6.65
                              C3039193            472023.4     3776102.4
-2.26
                              C3039235            471956.6     3776504.7
-1.52
                              C3039236            471956.6     3776504.7
-7.53
                              C3039253            471864.5     3776653.9
0.24
                              C3039254            471864.5     3776653.9
-5.85
                              C3039297            471543.7     3776922.8
-7.78
```



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

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


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

                              C3039298            471543.7     3776922.8
-1.34
                              C3039339            471221.4     3777170.7
-3.19
                              C3039346            471171.4     3777220.7
-5.97
                              C3039347            471171.4     3777220.7
```

-2.63	L0045001	471923.4	3774452.4
-1.47	L0045002	471923.4	3774452.4
-4.83	L0045007	471923.4	3774502.4
-3.56	L0045008	471923.4	3774502.4
-3.47	L0045013	471923.4	3774552.4
-5.47	L0045014	471923.4	3774552.4
-1.66	L0045018	471923.4	3774602.4
0.14	L0045019	471923.4	3774602.4
-6.59	L0045020	471923.4	3774602.4
0.35	L0045024	471923.4	3774652.4
-2.08	L0045025	471923.4	3774652.4
-5.81	L0045030	471923.4	3774702.4
-4.29	L0045031	471923.4	3774702.4
-3.99	L0045036	471923.4	3774752.4
-6.46	L0045037	471923.4	3774752.4
-1.92	L0045041	471923.4	3774802.4
-0.19	L0045042	471923.4	3774802.4
-8.00	L0045043	471923.4	3774802.4
0.23	L0045047	471923.4	3774852.4
-2.41	L0045048	471923.4	3774852.4
-6.28	L0045053	471923.4	3774902.4
-4.62	L0045054	471923.4	3774902.4
-4.09	L0045059	471923.4	3774952.4
-6.78	L0045060	471923.4	3774952.4

-1.88
L0045064 471923.4 3775002.4
-0.29
L0045065 471923.4 3775002.4
-7.88
L0045066 471923.4 3775002.4
0.34
L0045185 472188.2 3775664.7
0.47
L0045194 471973.4 3776052.4
-3.88
L0045199 471923.4 3776052.4
-0.77
L0045200 471923.4 3776052.4
-3.71
L0045205 471873.4 3776052.4
-2.68
L0045206 471873.4 3776052.4
-2.66
L0045211 471823.4 3776052.4
-4.29
L0045212 471823.4 3776052.4
-1.09
L0045216 471773.4 3776052.4
0.63
*** AERMOD - VERSION 19191 *** *** Ono Construction PM exhaust
*** 06/24/20
*** AERMET - VERSION 16216 *** ***
*** 20:28:17

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

L0045217 471773.4 3776052.4
-5.16

L0045218	471773.4	3776052.4	0.75
L0045270	471773.4	3775652.4	-3.51
L0045271	471773.4	3775652.4	-4.37
L0045276	471823.4	3775652.4	-6.08
L0045277	471823.4	3775652.4	-2.54
L0045281	471873.4	3775652.4	0.81
L0045282	471873.4	3775652.4	-5.60
L0045283	471873.4	3775652.4	0.25
L0045287	471923.4	3775652.4	0.06
L0045288	471923.4	3775652.4	-2.77
L0045293	471973.4	3775652.4	0.57
L0045294	471973.4	3775652.4	0.45
L0045330	471393.7	3776872.8	-2.67
L0045335	471343.7	3776872.8	-0.13
L0045336	471343.7	3776872.8	-2.59
L0045388	471056.5	3777052.6	-1.27
L0045389	471056.5	3777052.6	0.15
L0045394	471056.5	3777102.6	-3.71
L0045395	471056.5	3777102.6	-2.40
L0045402	471006.5	3777152.6	0.33
L0045403	471006.5	3777152.6	-3.72
L0045416	470906.5	3777202.6	-1.48
L0045423	470856.5	3777252.6	-1.11
L0045424	470856.5	3777252.6	-4.53

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

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

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,

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL

```
DATA ***

   Surface file:   FontanaADJU\FONT_V9_ADJU\FONT_v9.SFC
                  Met Version:  16216
   Profile file:   FontanaADJU\FONT_V9_ADJU\FONT_v9.PFL

   Surface format: FREE

   Profile format: FREE

   Surface station no.:     3102                  Upper air station no.:     3190
                  Name: UNKNOWN                                     Name: UNKNOWN

                  Year:   2011                                      Year:   2011

 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
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -
 11 01 01   1 01  -18.5  0.194 -9.000 -9.000 -999.  204.     41.2  0.25   2.82
1.00    1.80   69.    9.1  276.4    5.5
 11 01 01   1 02  -23.8  0.239 -9.000 -9.000 -999.  281.     63.0  0.25   2.82
1.00    2.20   52.    9.1  275.4    5.5
 11 01 01   1 03  -18.5  0.194 -9.000 -9.000 -999.  205.     41.2  0.25   2.82
1.00    1.80   32.    9.1  275.4    5.5
 11 01 01   1 04   -1.4  0.067 -9.000 -9.000 -999.   57.     18.3  0.25   2.82
1.00    0.40   27.    9.1  274.2    5.5
 11 01 01   1 05  -18.6  0.194 -9.000 -9.000 -999.  204.     41.2  0.25   2.82
1.00    1.80   51.    9.1  274.2    5.5
 11 01 01   1 06  -29.7  0.296 -9.000 -9.000 -999.  387.     96.6  0.25   2.82
1.00    2.70   53.    9.1  274.2    5.5
 11 01 01   1 07  -24.0  0.239 -9.000 -9.000 -999.  282.     63.0  0.25   2.82
1.00    2.20   70.    9.1  274.2    5.5
 11 01 01   1 08   -8.4  0.138 -9.000 -9.000 -999.  127.     27.3  0.25   2.82
0.54    1.30   72.    9.1  275.4    5.5
 11 01 01   1 09   44.3  0.280  0.571  0.005  147.  356.    -43.5  0.25   2.82
0.32    2.20   67.    9.1  277.5    5.5
 11 01 01   1 10  122.7  0.264  0.952  0.005  247.  326.    -13.2  0.25   2.82
0.25    1.80   83.    9.1  279.9    5.5
 11 01 01   1 11  179.8  0.316  1.733  0.005 1017.  426.    -15.4  0.25   2.82
0.22    2.20   58.    9.1  282.0    5.5
 11 01 01   1 12  206.0  0.320  1.940  0.008 1244.  435.    -14.0  0.25   2.82
0.21    2.20  115.    9.1  283.1    5.5
 11 01 01   1 13  132.6  0.214  1.733  0.009 1377.  243.     -6.5  0.25   2.82
0.21    1.30  147.    9.1  284.2    5.5
 11 01 01   1 14  147.0  0.216  1.818  0.009 1431.  242.     -6.0  0.25   2.82
0.23    1.30  219.    9.1  284.9    5.5
```

```
 11 01 01   1 15  104.0  0.208  1.633  0.009 1468.  228.     -7.6  0.25   2.82
0.26    1.30  126.    9.1  285.4    5.5
 11 01 01   1 16   26.4  0.140  1.037  0.009 1477.  127.     -9.1  0.25   2.82
0.35    0.90  151.    9.1  284.9    5.5
 11 01 01   1 17   -9.0  0.137 -9.000 -9.000 -999.  121.     24.9  0.25   2.82
0.63    1.30   69.    9.1  283.1    5.5
 11 01 01   1 18  -33.4  0.342 -9.000 -9.000 -999.  481.    129.0  0.25   2.82
1.00    3.10   81.    9.1  281.4    5.5
 11 01 01   1 19  -33.6  0.342 -9.000 -9.000 -999.  481.    128.9  0.25   2.82
1.00    3.10   51.    9.1  279.9    5.5
 11 01 01   1 20  -23.6  0.239 -9.000 -9.000 -999.  287.     63.1  0.25   2.82
1.00    2.20   77.    9.1  278.8    5.5
 11 01 01   1 21  -18.5  0.194 -9.000 -9.000 -999.  205.     41.2  0.25   2.82
1.00    1.80   53.    9.1  277.5    5.5
 11 01 01   1 22  -23.7  0.239 -9.000 -9.000 -999.  281.     63.0  0.25   2.82
1.00    2.20   58.    9.1  277.5    5.5
 11 01 01   1 23  -18.5  0.194 -9.000 -9.000 -999.  205.     41.2  0.25   2.82
1.00    1.80   64.    9.1  277.5    5.5
 11 01 01   1 24   -4.5  0.094 -9.000 -9.000 -999.   74.     16.3  0.25   2.82
1.00    0.90   52.    9.1  277.0    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 11 01 01 01    5.5 0 -999.  -99.00   276.5   99.0  -99.00  -99.00
 11 01 01 01    9.1 1   69.    1.80  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 292
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3039006    , C3039007
 , C3039008    , C3039009    , C3039010    ,
                C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 471773.42	471823.42	471873.42	471923.42	471973.42	472023.42
3776102.42	0.02112	0.02573	0.03349	0.04883	0.09307	0.21930
3776052.42	0.02078	0.02540	0.03301	0.04809	0.09139	0.22783
3776002.42	0.02061	0.02509	0.03240	0.04615	0.08049	0.22123
3775952.42	0.02053	0.02493	0.03187	0.04448	0.07296	0.19533
3775902.42	0.02035	0.02469	0.03145	0.04331	0.07057	0.19491
3775852.42	0.02030	0.02456	0.03125	0.04304	0.07027	0.19413
3775802.42	0.02025	0.02458	0.03124	0.04298	0.07001	0.18964
3775752.42	0.02036	0.02468	0.03143	0.04326	0.07023	0.18605
3775702.42	0.02045	0.02491	0.03190	0.04425	0.07196	0.18624
3775652.42	0.02064	0.02513	0.03184	0.04198	0.06322	0.18751
3775602.42	0.02090	0.02581	0.03379	0.04909	0.09203	0.18715
3775552.42	0.02120	0.02643	0.03527	0.05264	0.10329	0.22496
3775502.42	0.02146	0.02703	0.03651	0.05584	0.11041	0.22842
3775452.42	0.02172	0.02756	0.03779	0.06030	0.14340	0.25825
3775402.42	0.02184	0.02767	0.03786	0.06087	0.15332	0.21210
3775352.42	0.02181	0.02745	0.03714	0.05661	0.10626	0.22449
3775302.42	0.02158	0.02703	0.03602	0.05281	0.09817	0.22345
3775252.42	0.02146	0.02667	0.03489	0.05006	0.08900	0.28654
3775202.42	0.02119	0.02628	0.03404	0.04781	0.07970	

```
0.22106
3775152.42 |       0.02107      0.02598      0.03340      0.04672      0.07859
0.24040
3775102.42 |       0.02097      0.02574      0.03317      0.04658      0.08049
0.26750
3775052.42 |       0.02088      0.02579      0.03330      0.04679      0.08068
0.29037
3775002.42 |       0.02080      0.02582      0.03353      0.04765      0.08126
0.24370
3774952.42 |       0.02092      0.02594      0.03404      0.04945      0.08891
0.25755
3774902.42 |       0.02088      0.02615      0.03475      0.05191      0.10237
0.26204
3774852.42 |       0.02082      0.02632      0.03541      0.05411      0.11326
0.23572
3774802.42 |       0.02076      0.02636      0.03598      0.05596      0.10970
0.23867
3774752.42 |       0.02051      0.02618      0.03613      0.05842      0.14799
0.35022
3774702.42 |       0.02009      0.02568      0.03545      0.05720      0.13587
0.27730
3774652.42 |       0.01950      0.02490      0.03414      0.05249      0.09777
0.26577
3774602.42 |       0.01875      0.02389      0.03258      0.04952      0.09228
0.26234
3774552.42 |       0.01780      0.02258      0.03086      0.04891      0.11247
0.30136
3774502.42 |       0.01667      0.02095      0.02854      0.04608      0.11932
0.30131
3774452.42 |       0.01537      0.01898      0.02515      0.03809      0.07478
0.16660
3774402.42 |       0.01400      0.01682      0.02122      0.02878      0.04385
0.07108
3774352.42 |       0.01261      0.01466      0.01746      0.02120      0.02540
0.02619
3774302.42 |       0.01128      0.01267      0.01430      0.01593      0.01690
0.01637
3774252.42 |       0.01005      0.01095      0.01185      0.01252      0.01265
0.01210
3774202.42 |       0.00895      0.00951      0.01000      0.01017      0.01010
0.00969
3774152.42 |       0.00801      0.00834      0.00855      0.00861      0.00846
0.00814
*** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                        ***        06/24/20
*** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3039006 , C3039007 , C3039008 , C3039009 , C3039010 ,
C3039011 , C3039012 , C3039013 , C3039014 , C3039015 , C3039016 , C3039017 , C3039018 ,
C3039019 , C3039020 , C3039021 , C3039022 , C3039023 , C3039024 , C3039025 , C3039026 ,
C3039027 , C3039028 , C3039029 , C3039030 , C3039031 , C3039032 , C3039033 , . . . ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 471764.54	471814.54	471864.54	471914.54	471964.54	472014.54
3776302.75	0.02297	0.02779	0.03559	0.04974	0.08399	0.25243
3776252.75	0.02196	0.02670	0.03375	0.04650	0.07677	0.21752
3776202.75	0.02140	0.02580	0.03266	0.04508	0.07522	0.20976
3776152.75	0.02092	0.02525	0.03210	0.04507	0.07787	0.26088
3776102.75	0.02048	0.02474	0.03177	0.04507	0.08024	0.28530

*** AERMOD - VERSION 19191 *** *** Ono Construction PM exhaust *** 06/24/20
*** AERMET - VERSION 16216 *** *** *** 20:28:17

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3039006 , C3039007 , C3039008 , C3039009 , C3039010 ,

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                C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,

                                   *** NETWORK ID: UCART3   ;  NETWORK TYPE:
GRIDCART ***

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

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471756.60    471806.60    471856.60    471906.60    471956.60
472006.60
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

  3776504.71 |       0.03178      0.04150      0.05949      0.11094      0.20580
  0.13052
  3776454.71 |       0.02814      0.03538      0.04750      0.07407      0.17306
  0.20119
  3776404.71 |       0.02570      0.03148      0.04073      0.05566      0.11543
  0.28757
  3776354.71 |       0.02386      0.02878      0.03698      0.05221      0.09263
  0.28802
  3776304.71 |       0.02243      0.02693      0.03418      0.04692      0.07603
  0.19803
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: BNSFCONS ***
                                  INCLUDING SOURCE(S):     C3039006    , C3039007
 , C3039008    , C3039009    , C3039010    ,
                C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,
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                                   *** NETWORK ID: UCART4   ;  NETWORK TYPE:
GRIDCART ***

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

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471664.52    471714.52    471764.52    471814.52    471864.52
471914.52
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

  3776653.93 |       0.03807      0.04935      0.07166      0.13655      0.21411
  0.14669
  3776603.93 |       0.03052      0.03760      0.04967      0.07532      0.15410
  0.25620
  3776553.93 |       0.02583      0.03088      0.03899      0.05408      0.08962
  0.25763
  3776503.93 |       0.02266      0.02653      0.03299      0.04342      0.06382
  0.12746
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 296
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: BNSFCONS ***
                                  INCLUDING SOURCE(S):     C3039006    , C3039007
 , C3039008    , C3039009    , C3039010    ,
                C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,

                                   *** NETWORK ID: UCART5   ;  NETWORK TYPE:
GRIDCART ***

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

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471554.26    471604.26    471654.26
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- -

3776759.20	0.04135	0.05479	0.08124
3776709.20	0.03169	0.03898	0.05066
3776659.20	0.02590	0.03064	0.03735
3776609.20	0.02221	0.02551	0.02998
3776559.20	0.01952	0.02207	0.02536

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3039006 , C3039007 , C3039008 , C3039009 , C3039010 ,
C3039011 , C3039012 , C3039013 , C3039014 , C3039015 , C3039016 , C3039017 , C3039018 ,
C3039019 , C3039020 , C3039021 , C3039022 , C3039023 , C3039024 , C3039025 , C3039026 ,
C3039027 , C3039028 , C3039029 , C3039030 , C3039031 , C3039032 , C3039033 , . . . ,

*** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 471343.73	471393.73	471443.73	471493.73	471543.73
3776922.78	0.03978	0.05281	0.07830	0.14579	0.21066
3776872.78	0.03065	0.03774	0.04913	0.06855	0.11355
3776822.78	0.02497	0.02943	0.03586	0.04512	0.06176
3776772.78	0.02114	0.02421	0.02832	0.03404	0.04252
3776722.78	0.01837	0.02062	0.02349	0.02726	0.03245
3776672.78	0.01627	0.01805	0.02018	0.02285	0.02634
3776622.78	0.01474	0.01611	0.01777	0.01984	0.02244
3776572.78	0.01351	0.01466	0.01598	0.01762	0.01968

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3039006 , C3039007 , C3039008 , C3039009 , C3039010 ,
C3039011 , C3039012 , C3039013 , C3039014 , C3039015 , C3039016 , C3039017 , C3039018 ,
C3039019 , C3039020 , C3039021 , C3039022 , C3039023 , C3039024 , C3039025 , C3039026 ,
C3039027 , C3039028 , C3039029 , C3039030 , C3039031 , C3039032 , C3039033 , . . . ,

*** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 471137.27	471187.27	471237.27	471287.27	471337.27
3777005.91	0.02613	0.03135	0.03908	0.05165	0.07594
3776955.91	0.02169	0.02518	0.02996	0.03687	0.04796
3776905.91	0.01860	0.02113	0.02445	0.02884	0.03512
3776855.91	0.01634	0.01826	0.02066	0.02372	0.02782
3776805.91	0.01461	0.01610	0.01798	0.02022	0.02309
3776755.91	0.01324	0.01448	0.01592	0.01765	0.01978

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3039006 , C3039007 , C3039008 , C3039009 , C3039010 ,
C3039011 , C3039012 , C3039013 , C3039014 , C3039015 , C3039016 , C3039017 , C3039018 ,
C3039019 , C3039020 , C3039021 , C3039022 , C3039023

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 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,

                                  *** NETWORK ID: UCART8   ;  NETWORK TYPE:
GRIDCART ***

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

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471025.84    471075.84    471125.84    471175.84    471225.84
471275.84
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

  3777113.78 |       0.02798      0.03432      0.04402      0.06075      0.09684
  0.21391
  3777063.78 |       0.02281      0.02692      0.03262      0.04115      0.05549
  0.08439
  3777013.78 |       0.01929      0.02217      0.02593      0.03113      0.03876
  0.05115
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                  PAGE 300
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3039006    , C3039007
 , C3039008    , C3039009    , C3039010    ,
                C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,

                                  *** NETWORK ID: UCART9   ;  NETWORK TYPE:
GRIDCART ***

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

    Y-COORD  |                                                X-COORD (METERS)
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```
    (METERS) |     471071.36    471121.36    471171.36    471221.36
 - - -
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*** AERMOD - VERSION 19191 *** *** Ono Construction PM exhaust
*** 06/24/20
*** AERMET - VERSION 16216 *** ***
*** 20:28:17

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3039006 , C3039007 , C3039008 , C3039009 , C3039010 ,
C3039011 , C3039012 , C3039013 , C3039014 , C3039015 , C3039016 , C3039017 , C3039018 ,
C3039019 , C3039020 , C3039021 , C3039022 , C3039023 , C3039024 , C3039025 , C3039026 ,
C3039027 , C3039028 , C3039029 , C3039030 , C3039031 , C3039032 , C3039033 , . . . ,

*** NETWORK ID: UCART10 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 471056.55
3777252.65	0.10659
3777202.65	0.05769
3777152.65	0.03936
3777102.65	0.02987
3777052.65	0.02408

*** AERMOD - VERSION 19191 *** *** Ono Construction PM exhaust
*** 06/24/20
*** AERMET - VERSION 16216 *** ***
*** 20:28:17

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3039006 , C3039007 , C3039008 , C3039009 , C3039010 ,
C3039011 , C3039012 , C3039013 , C3039014 , C3039015

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 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,

                                  *** NETWORK ID: UCART11  ;  NETWORK TYPE:
GRIDCART ***

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

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     470269.99    470319.99    470369.99    470419.99
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - -

  3777554.36 |       0.00485      0.00566      0.00670      0.00818
  3777504.36 |       0.00494      0.00570      0.00674      0.00815
  3777454.36 |       0.00501      0.00573      0.00673      0.00802
  3777404.36 |       0.00504      0.00576      0.00666      0.00784
  3777354.36 |       0.00506      0.00572      0.00656      0.00761
  3777304.36 |       0.00505      0.00567      0.00644      0.00735
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                  PAGE 304
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3039006    , C3039007
 , C3039008    , C3039009    , C3039010    ,
                C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,

                                  *** NETWORK ID: UCART12  ;  NETWORK TYPE:
GRIDCART ***

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

```
    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     468710.70    468760.70    468810.70    468860.70    468910.70
468960.70    469010.70    469060.70
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

  3779663.00 |       0.00430      0.00553      0.00750      0.01083      0.01671
  0.02751      0.04974      0.11649
  3779613.00 |       0.00421      0.00533      0.00701      0.00962      0.01368
  0.02013      0.03133      0.05582
  3779563.00 |       0.00405      0.00502      0.00640      0.00834      0.01110
  0.01502      0.02087      0.03080
  3779513.00 |       0.00384      0.00466      0.00574      0.00717      0.00903
  0.01138      0.01440      0.01818
  3779463.00 |       0.00361      0.00428      0.00511      0.00614      0.00737
  0.00876      0.01024      0.01154
  3779413.00 |       0.00338      0.00391      0.00454      0.00526      0.00607
  0.00687      0.00753      0.00793
  3779363.00 |       0.00314      0.00356      0.00403      0.00453      0.00504
  0.00549      0.00578      0.00586
  3779313.00 |       0.00291      0.00324      0.00358      0.00392      0.00424
  0.00448      0.00460      0.00458
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                  PAGE 305
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: BNSFCONS ***
                                  INCLUDING SOURCE(S):     C3039006    , C3039007
 , C3039008    , C3039009    , C3039010    ,
                C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,

                                  *** NETWORK ID: UCART13  ;  NETWORK TYPE:
GRIDCART ***

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

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

```
    (METERS) |     471075.86    471125.86    471175.86    471225.86    471275.86
471325.86    471375.86    471425.86    471475.86
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3777911.53 |       0.01021      0.00990      0.00965      0.00942      0.00917
  0.00893      0.00868      0.00844      0.00822
  3777861.53 |       0.01224      0.01165      0.01115      0.01072      0.01034
  0.00998      0.00966      0.00933      0.00904
  3777811.53 |       0.01462      0.01367      0.01287      0.01219      0.01162
  0.01113      0.01070      0.01030      0.00990
  3777761.53 |       0.01738      0.01597      0.01485      0.01388      0.01309
  0.01241      0.01186      0.01134      0.01085
  3777711.53 |       0.02058      0.01869      0.01712      0.01583      0.01475
  0.01384      0.01313      0.01247      0.01189
  3777661.53 |       0.02427      0.02169      0.01968      0.01801      0.01661
  0.01548      0.01455      0.01377      0.01304
  3777611.53 |       0.02875      0.02529      0.02265      0.02055      0.01880
  0.01736      0.01620      0.01522      0.01435
  3777561.53 |       0.03450      0.02981      0.02631      0.02355      0.02139
  0.01959      0.01814      0.01691      0.01584
  3777511.53 |       0.04242      0.03581      0.03102      0.02740      0.02457
  0.02228      0.02047      0.01886      0.01752
  3777461.53 |       0.05432      0.04424      0.03735      0.03236      0.02857
  0.02562      0.02328      0.02130      0.01953
  3777411.53 |       0.07467      0.05726      0.04655      0.03924      0.03395
  0.02995      0.02683      0.02429      0.02212
  3777361.53 |       0.11658      0.08055      0.06136      0.04927      0.04142
  0.03575      0.03138      0.02800      0.02522
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                  PAGE 306
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: BNSFCONS ***
                                  INCLUDING SOURCE(S):     C3039006    , C3039007
 , C3039008    , C3039009    , C3039010    ,
                 C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                 C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                 C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,
```

```
                                   *** NETWORK ID: UCART13  ;  NETWORK TYPE:
GRIDCART ***

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

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     471525.86
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3777911.53 |       0.00798
  3777861.53 |       0.00871
  3777811.53 |       0.00951
  3777761.53 |       0.01039
  3777711.53 |       0.01134
  3777661.53 |       0.01238
  3777611.53 |       0.01354
  3777561.53 |       0.01490
  3777511.53 |       0.01639
  3777461.53 |       0.01816
  3777411.53 |       0.02031
  3777361.53 |       0.02289
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***       06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***       20:28:17

                                   PAGE 307
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: BNSFCONS ***
                                  INCLUDING SOURCE(S):     C3039006    , C3039007
 , C3039008    , C3039009    , C3039010    ,
                C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,

                                   *** NETWORK ID: UCART14  ;  NETWORK TYPE:
GRIDCART ***

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

```
    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     472114.69    472164.69    472214.69    472264.69    472314.69
472364.69    472414.69    472464.69    472514.69
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

  3777124.55 |       0.01477      0.01417      0.01335      0.01263      0.01194
  0.01133      0.01078      0.01032      0.00991
  3777074.55 |       0.01596      0.01515      0.01425      0.01341      0.01263
  0.01194      0.01132      0.01080      0.01034
  3777024.55 |       0.01729      0.01631      0.01522      0.01425      0.01337
  0.01259      0.01190      0.01131      0.01079
  3776974.55 |       0.01896      0.01765      0.01632      0.01520      0.01418
  0.01329      0.01252      0.01186      0.01126
  3776924.55 |       0.02085      0.01915      0.01756      0.01622      0.01505
  0.01405      0.01318      0.01243      0.01179
  3776874.55 |       0.02302      0.02117      0.01922      0.01759      0.01614
  0.01496      0.01391      0.01305      0.01225
  3776824.55 |       0.02561      0.02305      0.02074      0.01883      0.01720
  0.01582      0.01462      0.01362      0.01276
  3776774.55 |       0.02854      0.02512      0.02236      0.02009      0.01822
  0.01666      0.01534      0.01421      0.01325
  3776724.55 |       0.03168      0.02740      0.02411      0.02148      0.01930
  0.01752      0.01605      0.01481      0.01374
  3776674.55 |       0.03528      0.02997      0.02605      0.02297      0.02051
  0.01851      0.01685      0.01546      0.01423
  3776624.55 |       0.03945      0.03290      0.02810      0.02449      0.02166
  0.01942      0.01757      0.01604      0.01473
  3776574.55 |       0.04461      0.03618      0.03035      0.02610      0.02286
  0.02032      0.01827      0.01660      0.01517
  3776524.55 |       0.05084      0.03986      0.03276      0.02776      0.02406
  0.02121      0.01897      0.01715      0.01564
  3776474.55 |       0.05793      0.04377      0.03516      0.02936      0.02518
  0.02204      0.01959      0.01764      0.01603
  3776424.55 |       0.06542      0.04762      0.03745      0.03084      0.02619
  0.02276      0.02013      0.01806      0.01637
```



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

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: BNSFCONS ***
                                  INCLUDING SOURCE(S):     C3039006    , C3039007
 , C3039008    , C3039009    , C3039010    ,
```

```
                C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,

                                   *** NETWORK ID: UCART14  ;  NETWORK TYPE:
GRIDCART ***

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

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     472564.69
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3777124.55 |       0.00958
  3777074.55 |       0.00993
  3777024.55 |       0.01033
  3776974.55 |       0.01073
  3776924.55 |       0.01117
  3776874.55 |       0.01154
  3776824.55 |       0.01198
  3776774.55 |       0.01240
  3776724.55 |       0.01281
  3776674.55 |       0.01322
  3776624.55 |       0.01363
  3776574.55 |       0.01399
  3776524.55 |       0.01438
  3776474.55 |       0.01470
  3776424.55 |       0.01497
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                   PAGE 309
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: BNSFCONS ***
                                  INCLUDING SOURCE(S):     C3039006    , C3039007
 , C3039008    , C3039009    , C3039010    ,
                C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
```

, C3039024 , C3039025 , C3039026 ,
C3039027 , C3039028 , C3039029 , C3039030 , C3039031
, C3039032 , C3039033 , . . . ,

*** NETWORK ID: UCART15 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 472138.17	472188.17	472238.17	472288.17	472338.17
3775714.69	0.08171	0.05563	0.04214	0.03401	0.02855
3775664.69	0.08062	0.05396	0.04149	0.03367	0.02837
3775614.69	0.07426	0.05222	0.04073	0.03329	0.02819
3775564.69	0.07086	0.05137	0.04027	0.03308	0.02809
3775514.69	0.07043	0.05121	0.04022	0.03305	0.02804
3775464.69	0.07081	0.05135	0.04029	0.03307	0.02807
3775414.69	0.07137	0.05147	0.04029	0.03309	0.02805
3775364.69	0.07109	0.05155	0.04038	0.03312	0.02803
3775314.69	0.07292	0.05237	0.04072	0.03323	0.02805
3775264.69	0.07693	0.05336	0.04091	0.03323	0.02798
3775214.69	0.07722	0.05325	0.04075	0.03307	0.02784
3775164.69	0.07565	0.05257	0.04038	0.03283	0.02765
3775114.69	0.07399	0.05192	0.04004	0.03262	0.02748
3775064.69	0.07296	0.05157	0.03983	0.03244	0.02731
3775014.69	0.07294	0.05148	0.03972	0.03231	0.02714
3774964.69	0.07238	0.05123	0.03957	0.03213	0.02690
3774914.69	0.07153	0.05103	0.03936	0.03184	0.02657
3774864.69	0.07157	0.05088	0.03900	0.03139	0.02607
3774814.69	0.07199	0.05030	0.03830	0.03067	0.02536
3774764.69	0.06930	0.04891	0.03724	0.02970	0.02445
3774714.69	0.06750	0.04751	0.03591	0.02843	0.02324
3774664.69	0.06708	0.04593	0.03415	0.02676	0.02173
3774614.69	0.06400	0.04298	0.03160	0.02458	0.01986
3774564.69	0.05747	0.03861	0.02822	0.02188	0.01770
3774514.69	0.05027	0.03312	0.02409	0.01878	0.01533
3774464.69	0.03947	0.02620	0.01950	0.01559	0.01300
3774414.69	0.02597	0.01917	0.01524	0.01272	0.01094
3774364.69	0.01750	0.01428	0.01208	0.01051	0.00931
3774314.69	0.01316	0.01134	0.00998	0.00892	0.00807
3774264.69	0.01051	0.00944	0.00853	0.00778	0.00715

*** AERMOD - VERSION 19191 *** *** Ono Construction PM exhaust ***
06/24/20
*** AERMET - VERSION 16216 *** ***

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3039006 , C3039007 , C3039008 , C3039009 , C3039010 ,
C3039011 , C3039012 , C3039013 , C3039014 , C3039015 , C3039016 , C3039017 , C3039018 ,
C3039019 , C3039020 , C3039021 , C3039022 , C3039023 , C3039024 , C3039025 , C3039026 ,
C3039027 , C3039028 , C3039029 , C3039030 , C3039031 , C3039032 , C3039033 , . . . ,

*** NETWORK ID: UCART16 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 472255.22	472305.22	472355.22	472405.22	472455.22
3776236.95	0.03527	0.02925	0.02505	0.02192	0.01950
3776186.95	0.03557	0.02956	0.02533	0.02216	0.01972
3776136.95	0.03598	0.02993	0.02565	0.02243	0.01994
3776086.95	0.03663	0.03039	0.02598	0.02269	0.02015
3776036.95	0.03733	0.03083	0.02629	0.02294	0.02035
3775986.95	0.03784	0.03116	0.02654	0.02313	0.02054
3775936.95	0.03815	0.03142	0.02674	0.02330	0.02067
3775886.95	0.03843	0.03164	0.02692	0.02347	0.02077

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): C3039006 , C3039007 , C3039008 , C3039009 , C3039010 ,
C3039011 , C3039012 , C3039013 , C3039014 , C3039015

```
 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,
```

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 471773.42	471823.42	471873.42	471923.42	471973.42	472023.42
3776102.42	0.02239	0.02728	0.03512	0.05046	0.09459	0.22047
3776052.42	0.02414	0.02934	0.03679	0.05183	0.09597	0.22989
3776002.42	0.02333	0.02678	0.03383	0.04743	0.08157	0.22200
3775952.42	0.02302	0.02623	0.03285	0.04531	0.07365	0.19591
3775902.42	0.02283	0.02591	0.03233	0.04404	0.07119	0.19546
3775852.42	0.02281	0.02576	0.03212	0.04376	0.07092	0.19472
3775802.42	0.02281	0.02581	0.03216	0.04377	0.07075	0.19035
3775752.42	0.02301	0.02603	0.03252	0.04427	0.07123	0.18705
3775702.42	0.02337	0.02676	0.03367	0.04603	0.07380	0.18814
3775652.42	0.02471	0.02923	0.03490	0.04569	0.06650	0.19225
3775602.42	0.02212	0.02707	0.03503	0.05029	0.09321	0.18835
3775552.42	0.02183	0.02711	0.03596	0.05335	0.10402	0.22573
3775502.42	0.02192	0.02752	0.03702	0.05638	0.11099	0.22905
3775452.42	0.02210	0.02797	0.03823	0.06077	0.14391	0.25882
3775402.42	0.02219	0.02804	0.03826	0.06131	0.15381	0.21265

3775352.42	0.02214	0.02781	0.03753	0.05704	0.10674
0.22505					
3775302.42	0.02191	0.02739	0.03642	0.05326	0.09867
0.22403					
3775252.42	0.02179	0.02705	0.03532	0.05054	0.08955
0.28717					
3775202.42	0.02155	0.02670	0.03453	0.04837	0.08035
0.22182					
3775152.42	0.02146	0.02646	0.03399	0.04744	0.07947
0.24145					
3775102.42	0.02141	0.02631	0.03398	0.04776	0.08208
0.26938					
3775052.42	0.02137	0.02649	0.03459	0.05121	0.08685
0.29664					
3775002.42	0.02134	0.02665	0.03529	0.05202	0.08532
0.24706					
3774952.42	0.02150	0.02684	0.03593	0.05505	0.09185
0.25955					
3774902.42	0.02149	0.02708	0.03665	0.05727	0.10510
0.26374					
3774852.42	0.02144	0.02726	0.03729	0.05950	0.11591
0.23728					
3774802.42	0.02139	0.02730	0.03783	0.05996	0.11231
0.24016					
3774752.42	0.02113	0.02711	0.03795	0.06378	0.15057
0.35166					
3774702.42	0.02070	0.02659	0.03724	0.06240	0.13844
0.27871					
3774652.42	0.02010	0.02579	0.03590	0.05776	0.10033
0.26716					
3774602.42	0.01933	0.02477	0.03431	0.05340	0.09484
0.26371					
3774552.42	0.01836	0.02343	0.03255	0.05408	0.11504
0.30273					
3774502.42	0.01720	0.02175	0.03019	0.05115	0.12197
0.30277					
3774452.42	0.01586	0.01972	0.02667	0.04337	0.07836
0.16881					
3774402.42	0.01443	0.01744	0.02236	0.03254	0.04868
0.07350					
3774352.42	0.01298	0.01515	0.01816	0.02215	0.02636
0.02689					
3774302.42	0.01159	0.01305	0.01475	0.01642	0.01737
0.01676					
3774252.42	0.01032	0.01124	0.01217	0.01285	0.01296
0.01237					
3774202.42	0.00918	0.00975	0.01024	0.01041	0.01033
0.00990					

```
  3774152.42 |       0.00820      0.00854      0.00875      0.00881      0.00865
  0.00831
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                   INCLUDING SOURCE(S):     C3039006    , C3039007
 , C3039008    , C3039009    , C3039010    ,
                C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,

                                   *** NETWORK ID: UCART2   ;  NETWORK TYPE:
GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                     **

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     471764.54    471814.54    471864.54    471914.54    471964.54
472014.54
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

  3776302.75 |       0.02317      0.02801      0.03582      0.04997      0.08423
  0.25267
  3776252.75 |       0.02221      0.02697      0.03404      0.04681      0.07708
  0.21784
  3776202.75 |       0.02173      0.02618      0.03308      0.04552      0.07567
  0.21020
  3776152.75 |       0.02143      0.02587      0.03281      0.04581      0.07860
  0.26155
  3776102.75 |       0.02166      0.02625      0.03338      0.04670      0.08178
  0.28654
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): C3039006 , C3039007 , C3039008 , C3039009 , C3039010 ,
C3039011 , C3039012 , C3039013 , C3039014 , C3039015 , C3039016 , C3039017 , C3039018 ,
C3039019 , C3039020 , C3039021 , C3039022 , C3039023 , C3039024 , C3039025 , C3039026 ,
C3039027 , C3039028 , C3039029 , C3039030 , C3039031 , C3039032 , C3039033 , . . . ,

*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 471756.60	471806.60	471856.60	471906.60	471956.60	472006.60
3776504.71	0.03193	0.04165	0.05963	0.11109	0.20594	0.13066
3776454.71	0.02829	0.03554	0.04765	0.07422	0.17322	0.20135
3776404.71	0.02587	0.03165	0.04090	0.05582	0.11559	0.28774
3776354.71	0.02404	0.02897	0.03717	0.05240	0.09282	0.28822
3776304.71	0.02263	0.02714	0.03441	0.04715	0.07627	0.19827

*** AERMOD - VERSION 19191 *** *** Ono Construction PM exhaust ***
06/24/20
*** AERMET - VERSION 16216 *** ***
20:28:17

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): C3039006 , C3039007 , C3039008 , C3039009 , C3039010 ,

```
                C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,

                                   *** NETWORK ID: UCART4   ;  NETWORK TYPE:
GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471664.52    471714.52    471764.52    471814.52    471864.52
471914.52
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3776653.93 |       0.03824      0.04950      0.07181      0.13669      0.21424
  0.14682
  3776603.93 |       0.03067      0.03774      0.04981      0.07546      0.15424
  0.25633
  3776553.93 |       0.02598      0.03102      0.03913      0.05422      0.08976
  0.25777
  3776503.93 |       0.02280      0.02667      0.03314      0.04356      0.06396
  0.12761
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                   INCLUDING SOURCE(S):     C3039006    , C3039007
 , C3039008    , C3039009    , C3039010    ,
                C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,

                                   *** NETWORK ID: UCART5   ;  NETWORK TYPE:
GRIDCART ***
```

```
                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471554.26    471604.26    471654.26
 - - -
```

```
  3776722.78 |       0.01888      0.02106      0.02386      0.02757      0.03270
  3776672.78 |       0.01663      0.01837      0.02046      0.02309      0.02656
  3776622.78 |       0.01501      0.01636      0.01800      0.02005      0.02263
  3776572.78 |       0.01373      0.01487      0.01617      0.01780      0.01985
```



```
                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     C3039006    , C3039007
 , C3039008    , C3039009    , C3039010    ,
                C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,

                                 *** NETWORK ID: UCART7   ;  NETWORK TYPE:
GRIDCART ***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     471137.27    471187.27    471237.27    471287.27    471337.27
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3777005.91 |       0.02791      0.03258      0.04012      0.05266      0.07709
  3776955.91 |       0.02370      0.02673      0.03140      0.03832      0.04966
  3776905.91 |       0.02179      0.02412      0.02741      0.03182      0.03831
  3776855.91 |       0.02291      0.02501      0.02760      0.03087      0.03523
  3776805.91 |       0.01598      0.01751      0.01941      0.02167      0.02454
  3776755.91 |       0.01396      0.01523      0.01667      0.01839      0.02049
```

```
                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     C3039006    , C3039007
 , C3039008    , C3039009    , C3039010    ,
                C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,

                                     *** NETWORK ID: UCART8   ;  NETWORK TYPE:
GRIDCART ***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                     **

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471025.84    471075.84    471125.84    471175.84    471225.84
471275.84
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3777113.78 |       0.03227      0.03929      0.04569      0.06182      0.09766
  0.21461
  3777063.78 |       0.02535      0.03407      0.03449      0.04232      0.05640
  0.08519
  3777013.78 |       0.02160      0.03019      0.02793      0.03242      0.03980
  0.05212
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     C3039006    , C3039007
 , C3039008    , C3039009    , C3039010    ,
                C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,
```

```
                                   *** NETWORK ID: UCART9   ;  NETWORK TYPE:
GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471071.36    471121.36    471171.36    471221.36
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3777220.72 |       0.08079      0.15136      0.20676      0.17565
  3777170.72 |       0.05076      0.07129      0.12167      0.24616
  3777120.72 |       0.03995      0.04680      0.06384      0.10258
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 320
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                   INCLUDING SOURCE(S):     C3039006    , C3039007
 , C3039008    , C3039009    , C3039010    ,
                C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,

                                   *** NETWORK ID: UCART10  ;  NETWORK TYPE:
GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     470606.55    470656.55    470706.55    470756.55    470806.55
470856.55    470906.55    470956.55    471006.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3777252.65 |       0.01198      0.01390      0.01630      0.01938      0.02390
  0.03158      0.03639      0.04487      0.06416
  3777202.65 |       0.01097      0.01255      0.01440      0.01669      0.01971
```

```
  0.02417      0.03288      0.03919      0.04475
  3777152.65 |       0.01017      0.01146      0.01294      0.01471      0.01688
  0.01964      0.02334      0.02872      0.03653
  3777102.65 |       0.00946      0.01054      0.01172      0.01313      0.01482
  0.01684      0.01931      0.02252      0.02723
  3777052.65 |       0.00886      0.00977      0.01075      0.01190      0.01325
  0.01481      0.01668      0.01906      0.02242
```



```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     C3039006    , C3039007
 , C3039008    , C3039009    , C3039010    ,
                C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,

                                 *** NETWORK ID: UCART10  ;  NETWORK TYPE:
GRIDCART ***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     471056.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3777252.65 |       0.10770
  3777202.65 |       0.05942
  3777152.65 |       0.04319
  3777102.65 |       0.03546
  3777052.65 |       0.02901
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): C3039006 , C3039007 , C3039008 , C3039009 , C3039010 ,
C3039011 , C3039012 , C3039013 , C3039014 , C3039015 , C3039016 , C3039017 , C3039018 ,
C3039019 , C3039020 , C3039021 , C3039022 , C3039023 , C3039024 , C3039025 , C3039026 ,
C3039027 , C3039028 , C3039029 , C3039030 , C3039031 , C3039032 , C3039033 , . . . ,

*** NETWORK ID: UCART11 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 470269.99	470319.99	470369.99	470419.99
3777554.36	0.00495	0.00578	0.00684	0.00836
3777504.36	0.00505	0.00583	0.00688	0.00833
3777454.36	0.00512	0.00586	0.00688	0.00821
3777404.36	0.00515	0.00589	0.00681	0.00803
3777354.36	0.00517	0.00585	0.00671	0.00780
3777304.36	0.00517	0.00580	0.00659	0.00753

*** AERMOD - VERSION 19191 *** *** Ono Construction PM exhaust ***
06/24/20
*** AERMET - VERSION 16216 *** ***
*** 20:28:17

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): C3039006 , C3039007 , C3039008 , C3039009 , C3039010 ,
C3039011 , C3039012 , C3039013 , C3039014 , C3039015 , C3039016 , C3039017 , C3039018 ,
C3039019 , C3039020 , C3039021 , C3039022 , C3039023 , C3039024 , C3039025 , C3039026 ,
C3039027 , C3039028 , C3039029 , C3039030 , C3039031 , C3039032 , C3039033 , . . . ,

*** NETWORK ID: UCART12 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 468710.70	468760.70	468810.70	468860.70	468910.70	468960.70	469010.70	469060.70
3779663.00	0.00431	0.00554	0.00751	0.01084	0.01672	0.02752	0.04975	0.11650
3779613.00	0.00421	0.00533	0.00702	0.00963	0.01369	0.02014	0.03134	0.05583
3779563.00	0.00406	0.00503	0.00641	0.00835	0.01111	0.01503	0.02088	0.03081
3779513.00	0.00385	0.00467	0.00575	0.00718	0.00903	0.01139	0.01441	0.01819
3779463.00	0.00362	0.00429	0.00512	0.00615	0.00738	0.00877	0.01025	0.01155
3779413.00	0.00339	0.00392	0.00455	0.00527	0.00608	0.00688	0.00754	0.00794
3779363.00	0.00315	0.00357	0.00404	0.00454	0.00505	0.00550	0.00579	0.00587
3779313.00	0.00292	0.00325	0.00359	0.00393	0.00425	0.00449	0.00461	0.00459

*** AERMOD - VERSION 19191 *** *** Ono Construction PM exhaust ***
06/24/20
*** AERMET - VERSION 16216 *** ***
20:28:17

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): C3039006 , C3039007 , C3039008 , C3039009 , C3039010 , C3039011 , C3039012 , C3039013 , C3039014 , C3039015 , C3039016 , C3039017 , C3039018 , C3039019 , C3039020 , C3039021 , C3039022 , C3039023 , C3039024 , C3039025 , C3039026 , C3039027 , C3039028 , C3039029 , C3039030 , C3039031 , C3039032 , C3039033 , . . . ,

*** NETWORK ID: UCART13 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 471075.86	471125.86	471175.86	471225.86	471275.86	471325.86	471375.86	471425.86	471475.86
3777911.53	0.01051	0.01017	0.00989	0.00964	0.00938	0.00911	0.00886	0.00861	0.00837
3777861.53	0.01262	0.01196	0.01143	0.01096	0.01056	0.01018	0.00984	0.00950	0.00920
3777811.53	0.01504	0.01401	0.01316	0.01245	0.01185	0.01134	0.01089	0.01047	0.01007
3777761.53	0.01779	0.01631	0.01514	0.01414	0.01332	0.01262	0.01205	0.01153	0.01102
3777711.53	0.02097	0.01902	0.01741	0.01609	0.01498	0.01406	0.01334	0.01266	0.01207
3777661.53	0.02465	0.02202	0.01998	0.01828	0.01685	0.01571	0.01477	0.01397	0.01323
3777611.53	0.02914	0.02563	0.02296	0.02083	0.01905	0.01760	0.01642	0.01543	0.01454
3777561.53	0.03490	0.03017	0.02663	0.02384	0.02166	0.01984	0.01838	0.01713	0.01605
3777511.53	0.04285	0.03619	0.03137	0.02772	0.02486	0.02255	0.02073	0.01910	0.01775
3777461.53	0.05479	0.04466	0.03773	0.03270	0.02889	0.02591	0.02356	0.02155	0.01977
3777411.53	0.07520	0.05772	0.04696	0.03962	0.03430	0.03027	0.02713	0.02457	0.02238
3777361.53	0.11718	0.08108	0.06183	0.04970	0.04181	0.03611	0.03171	0.02831	0.02550

*** AERMOD - VERSION 19191 *** *** Ono Construction PM exhaust ***
06/24/20
*** AERMET - VERSION 16216 *** ***
*** 20:28:17

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): C3039006 , C3039007 , C3039008 , C3039009 , C3039010 ,

```
                C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,

                                   *** NETWORK ID: UCART13  ;  NETWORK TYPE:
GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     471525.86
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3777911.53 |       0.00812
  3777861.53 |       0.00886
  3777811.53 |       0.00967
  3777761.53 |       0.01055
  3777711.53 |       0.01151
  3777661.53 |       0.01256
  3777611.53 |       0.01373
  3777561.53 |       0.01510
  3777511.53 |       0.01660
  3777461.53 |       0.01839
  3777411.53 |       0.02056
  3777361.53 |       0.02315
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                   PAGE 326
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     C3039006    , C3039007
 , C3039008    , C3039009    , C3039010    ,
                C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,
```

*** NETWORK ID: UCART14 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 472114.69	472164.69	472214.69	472264.69	472314.69	472364.69	472414.69	472464.69	472514.69
3777124.55	0.01492	0.01430	0.01347	0.01275	0.01205	0.01143	0.01088	0.01042	0.01000
3777074.55	0.01610	0.01528	0.01438	0.01352	0.01274	0.01204	0.01142	0.01090	0.01043
3777024.55	0.01743	0.01644	0.01533	0.01436	0.01348	0.01269	0.01200	0.01141	0.01087
3776974.55	0.01909	0.01777	0.01643	0.01530	0.01429	0.01338	0.01261	0.01195	0.01135
3776924.55	0.02097	0.01926	0.01767	0.01633	0.01515	0.01414	0.01327	0.01252	0.01188
3776874.55	0.02313	0.02128	0.01932	0.01769	0.01624	0.01506	0.01400	0.01314	0.01234
3776824.55	0.02572	0.02316	0.02085	0.01893	0.01730	0.01591	0.01471	0.01372	0.01285
3776774.55	0.02865	0.02522	0.02246	0.02020	0.01832	0.01676	0.01543	0.01431	0.01334
3776724.55	0.03179	0.02751	0.02422	0.02158	0.01940	0.01762	0.01615	0.01491	0.01383
3776674.55	0.03539	0.03008	0.02616	0.02308	0.02061	0.01862	0.01696	0.01557	0.01433
3776624.55	0.03957	0.03301	0.02821	0.02461	0.02178	0.01953	0.01768	0.01615	0.01484
3776574.55	0.04474	0.03630	0.03047	0.02622	0.02298	0.02044	0.01839	0.01671	0.01528
3776524.55	0.05097	0.03999	0.03289	0.02789	0.02419	0.02134	0.01909	0.01727	0.01576
3776474.55	0.05808	0.04391	0.03530	0.02951	0.02533	0.02218	0.01973	0.01777	0.01616
3776424.55	0.06559	0.04778	0.03761	0.03100	0.02634	0.02292	0.02028	0.01821	0.01651

*** AERMOD - VERSION 19191 *** *** Ono Construction PM exhaust ***
06/24/20

*** AERMET - VERSION 16216 *** *** ***
20:28:17

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): C3039006 , C3039007 , C3039008 , C3039009 , C3039010 ,
C3039011 , C3039012 , C3039013 , C3039014 , C3039015 , C3039016 , C3039017 , C3039018 ,
C3039019 , C3039020 , C3039021 , C3039022 , C3039023 , C3039024 , C3039025 , C3039026 ,
C3039027 , C3039028 , C3039029 , C3039030 , C3039031 , C3039032 , C3039033 , . . . ,

*** NETWORK ID: UCART14 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 472564.69
3777124.55	0.00967
3777074.55	0.01001
3777024.55	0.01042
3776974.55	0.01082
3776924.55	0.01126
3776874.55	0.01163
3776824.55	0.01206
3776774.55	0.01249
3776724.55	0.01291
3776674.55	0.01332
3776624.55	0.01374
3776574.55	0.01410
3776524.55	0.01449
3776474.55	0.01483
3776424.55	0.01511

*** AERMOD - VERSION 19191 *** *** Ono Construction PM exhaust ***
06/24/20
*** AERMET - VERSION 16216 *** ***
20:28:17

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): C3039006 , C3039007 , C3039008 , C3039009 , C3039010 , C3039011 , C3039012 , C3039013 , C3039014 , C3039015 , C3039016 , C3039017 , C3039018 , C3039019 , C3039020 , C3039021 , C3039022 , C3039023 , C3039024 , C3039025 , C3039026 , C3039027 , C3039028 , C3039029 , C3039030 , C3039031 , C3039032 , C3039033 , . . . ,

*** NETWORK ID: UCART15 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 472138.17	472188.17	472238.17	472288.17	472338.17
3775714.69	0.08337	0.05734	0.04379	0.03540	0.02961
3775664.69	0.08534	0.06039	0.04898	0.03629	0.02976
3775614.69	0.07604	0.05473	0.04812	0.03632	0.02967
3775564.69	0.07201	0.05311	0.04725	0.03612	0.02959
3775514.69	0.07142	0.05283	0.04708	0.03610	0.02956
3775464.69	0.07176	0.05295	0.04709	0.03614	0.02961
3775414.69	0.07231	0.05307	0.04702	0.03619	0.02961
3775364.69	0.07204	0.05316	0.04706	0.03626	0.02962
3775314.69	0.07390	0.05401	0.04738	0.03642	0.02968
3775264.69	0.07798	0.05506	0.04756	0.03648	0.02966
3775214.69	0.07839	0.05506	0.04745	0.03642	0.02959
3775164.69	0.07707	0.05461	0.04718	0.03631	0.02946
3775114.69	0.07602	0.05447	0.04714	0.03628	0.02930
3775064.69	0.07742	0.05627	0.04815	0.03604	0.02890
3775014.69	0.07751	0.05612	0.04404	0.03421	0.02823
3774964.69	0.07411	0.05285	0.04094	0.03315	0.02766
3774914.69	0.07271	0.05208	0.04025	0.03257	0.02717
3774864.69	0.07253	0.05171	0.03971	0.03199	0.02658
3774814.69	0.07283	0.05101	0.03891	0.03120	0.02582
3774764.69	0.07008	0.04956	0.03779	0.03018	0.02487
3774714.69	0.06823	0.04812	0.03643	0.02888	0.02363
3774664.69	0.06779	0.04651	0.03464	0.02718	0.02210
3774614.69	0.06468	0.04353	0.03207	0.02497	0.02020
3774564.69	0.05813	0.03914	0.02865	0.02224	0.01801
3774514.69	0.05093	0.03362	0.02449	0.01911	0.01561
3774464.69	0.04009	0.02665	0.01985	0.01588	0.01325

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  3774414.69 |       0.02646      0.01953      0.01553      0.01296      0.01115
  3774364.69 |       0.01785      0.01456      0.01232      0.01071      0.00949
  3774314.69 |       0.01343      0.01156      0.01018      0.00910      0.00823
  3774264.69 |       0.01072      0.00963      0.00870      0.00793      0.00729
```



```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     C3039006    , C3039007
 , C3039008    , C3039009    , C3039010    ,
                C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,

                                 *** NETWORK ID: UCART16  ;  NETWORK TYPE:
GRIDCART ***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     472255.22    472305.22    472355.22    472405.22    472455.22
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3776236.95 |       0.03553      0.02949      0.02527      0.02213      0.01970
  3776186.95 |       0.03586      0.02982      0.02557      0.02239      0.01993
  3776136.95 |       0.03630      0.03021      0.02591      0.02267      0.02017
  3776086.95 |       0.03695      0.03068      0.02625      0.02294      0.02039
  3776036.95 |       0.03766      0.03114      0.02658      0.02321      0.02061
  3775986.95 |       0.03818      0.03149      0.02684      0.02343      0.02082
  3775936.95 |       0.03852      0.03178      0.02708      0.02363      0.02099
  3775886.95 |       0.03887      0.03206      0.02732      0.02385      0.02113
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                               INCLUDING SOURCE(S):     C3039006    , C3039007
 , C3039008    , C3039009    , C3039010    ,
                C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE:
GRIDCART ***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471773.42              471823.42              471873.42
       471923.42              471973.42
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776102.4 |      0.07600 (16122124)      0.08780 (16122124)      0.11204
(11121924)      0.15632 (15122224)      0.27084 (15122224)
 3776052.4 |      0.07514 (16122124)      0.08655 (16122124)      0.10989
(15122224)      0.15395 (15122224)      0.26757 (15122224)
 3776002.4 |      0.07422 (16122124)      0.08531 (16122124)      0.10738
(15122224)      0.14738 (15122224)      0.23792 (15122224)
 3775952.4 |      0.07344 (16122124)      0.08425 (15122224)      0.10522
(15122224)      0.14184 (15122224)      0.21971 (15122224)
 3775902.4 |      0.07334 (16122124)      0.08338 (16122124)      0.10383
(15122224)      0.13880 (15122224)      0.21468 (15122224)
 3775852.4 |      0.07296 (16122124)      0.08320 (16122124)      0.10323
(15122224)      0.13785 (15122224)      0.21266 (15122224)
 3775802.4 |      0.07308 (16122124)      0.08312 (16122124)      0.10321
(15122224)      0.13773 (15122224)      0.21218 (15122224)
 3775752.4 |      0.07301 (16122124)      0.08378 (16122124)      0.10391
(15122224)      0.13871 (15122224)      0.21314 (15122224)
 3775702.4 |      0.07375 (16122124)      0.08498 (16122124)      0.10559
(15122224)      0.14173 (15122224)      0.21745 (15122224)
 3775652.4 |      0.07459 (16122124)      0.08731 (16122124)      0.10715
(16122124)      0.14221 (13012224)      0.23824 (11121924)
 3775602.4 |      0.07549 (16122124)      0.08893 (11121924)      0.11313
(11121924)      0.15764 (15122224)      0.27488 (15122224)
 3775552.4 |      0.07644 (16122124)      0.09166 (11121924)      0.11800
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(11121924)      0.16649 (15122224)      0.29489 (15122224)
 3775502.4 |      0.07748 (16122124)      0.09408 (11121924)      0.12279
(11121924)      0.17554 (15122224)      0.31441c(12122524)
 3775452.4 |      0.07762 (16122124)      0.09602 (11121924)      0.12831
(11121924)      0.19397 (11121924)      0.40195 (15122224)
 3775402.4 |      0.07702 (12122924)      0.09573 (11121924)      0.12690
(11121924)      0.19086 (15122224)      0.41539 (15122224)
 3775352.4 |      0.07872 (12122924)      0.09744 (12122924)      0.12801
(12122924)      0.18202 (12122924)      0.30016 (15122224)
 3775302.4 |      0.07961 (12122924)      0.09769 (12122924)      0.12469
(12122924)      0.16648 (12122924)      0.28339 (15122224)
 3775252.4 |      0.07994 (12122924)      0.09656 (12122924)      0.12014
(12122924)      0.15781 (12122924)      0.25897 (15122224)
 3775202.4 |      0.07927 (12122924)      0.09489 (12122924)      0.11676
(12122924)      0.15080 (12122924)      0.23435 (15122224)
 3775152.4 |      0.07861 (12122924)      0.09317 (12122924)      0.11318
(12122924)      0.14670 (15122224)      0.23226 (15122224)
 3775102.4 |      0.07790 (12122924)      0.09154 (12122924)      0.11097
(12122924)      0.14695 (15122224)      0.23694 (15122224)
 3775052.4 |      0.07713 (12122924)      0.09089 (12122924)      0.11063
(12122924)      0.14815 (15122224)      0.24273 (15122224)
 3775002.4 |      0.07658 (12122924)      0.09067 (12122924)      0.11112
(12122924)      0.15083 (15122224)      0.24676 (15122224)
 3774952.4 |      0.07671 (12122924)      0.09082 (12122924)      0.11339
(11121924)      0.15583 (11121924)      0.25823 (15122224)
 3774902.4 |      0.07657 (12122924)      0.09143 (12122924)      0.11707
(11121924)      0.16574 (11121924)      0.29494 (15122224)
 3774852.4 |      0.07664 (12122924)      0.09250 (12122924)      0.11984
(11121924)      0.17077 (11121924)      0.32022 (15122224)
 3774802.4 |      0.07715 (12122924)      0.09363 (12122924)      0.12186
(11121924)      0.17510 (11121924)      0.30784 (15122224)
 3774752.4 |      0.07759 (12122924)      0.09459 (12122924)      0.12298
(11121924)      0.18823 (11121924)      0.41645 (15122224)
 3774702.4 |      0.07787 (12122924)      0.09586 (12122924)      0.12552
(12122924)      0.18398 (12122924)      0.36977 (15122224)
 3774652.4 |      0.07779 (12122924)      0.09632 (12122924)      0.12594
(12122924)      0.17575 (12122924)      0.27427 (15122224)
 3774602.4 |      0.07669 (12122924)      0.09391 (12122924)      0.12032
(12122924)      0.16151 (12122924)      0.26217 (15122224)
 3774552.4 |      0.07472 (12122924)      0.08995 (12122924)      0.11323
(12122924)      0.15510 (11121924)      0.31593 (15122224)
 3774502.4 |      0.07243 (12122924)      0.08639 (12122924)      0.10862
(12122924)      0.15456 (12122924)      0.32501 (15122224)
 3774452.4 |      0.07008 (12122924)      0.08324 (12122924)      0.10447
(12122924)      0.14312 (12122924)      0.22925 (11121224)
 3774402.4 |      0.06694 (12122924)      0.07838 (12122924)      0.09466
(12122924)      0.11812 (12122924)      0.15746 (11121224)
 3774352.4 |      0.06252 (12122924)      0.07072 (12122924)      0.08022
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(12122924)      0.08900 (11121224)      0.10017 (11121224)
 3774302.4 |      0.05661 (12122924)      0.06112 (12122924)      0.06428
(12122924)      0.06902 (11121224)      0.06848 (11121224)
 3774252.4 |      0.04998 (12122924)      0.05134 (12122924)      0.05342
(11121224)      0.05515 (11121224)      0.05351m(11122824)
 3774202.4 |      0.04329 (12122924)      0.04357 (11121224)      0.04553
(11121224)      0.04579m(11122824)      0.04476m(11122824)
 3774152.4 |      0.03730 (12122924)      0.03851 (11121224)
0.03919m(11122824)      0.03978m(11122824)      0.03799m(11122824)
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                  PAGE 331
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3039006    , C3039007
 , C3039008    , C3039009    , C3039010    ,
                C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,

                                  *** NETWORK ID: UCART1   ;  NETWORK TYPE:
GRIDCART ***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       472023.42
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776102.4 |      0.61658c(12122524)
 3776052.4 |      0.64513c(12122524)
 3776002.4 |      0.60579c(12122524)
 3775952.4 |      0.53860c(12122524)
 3775902.4 |      0.53459c(12122524)
 3775852.4 |      0.53198c(12122524)
 3775802.4 |      0.52313c(12122524)
 3775752.4 |      0.51629c(12122524)
 3775702.4 |      0.51654c(12122524)
```

```
 3775652.4 |      0.55187c(12122524)
 3775602.4 |      0.51228c(12122524)
 3775552.4 |      0.62680c(12122524)
 3775502.4 |      0.62994c(12122524)
 3775452.4 |      0.61910c(12122524)
 3775402.4 |      0.58944c(12122524)
 3775352.4 |      0.62943c(12122524)
 3775302.4 |      0.62739c(12122524)
 3775252.4 |      0.79538c(12122524)
 3775202.4 |      0.60724c(12122524)
 3775152.4 |      0.66252c(12122524)
 3775102.4 |      0.74352c(12122524)
 3775052.4 |      0.82125c(12122524)
 3775002.4 |      0.69227c(12122524)
 3774952.4 |      0.71866c(12122524)
 3774902.4 |      0.68556c(12122524)
 3774852.4 |      0.66370c(12122524)
 3774802.4 |      0.65480c(12122524)
 3774752.4 |      0.83927c(12122524)
 3774702.4 |      0.73769c(12122524)
 3774652.4 |      0.74494c(12122524)
 3774602.4 |      0.72118c(12122524)
 3774552.4 |      0.70739c(12122524)
 3774502.4 |      0.74577c(12122524)
 3774452.4 |      0.44791 (16121124)
 3774402.4 |      0.21039 (16012724)
 3774352.4 |      0.09105m(11122824)
 3774302.4 |      0.06247m(11122824)
 3774252.4 |      0.04836m(11122824)
 3774202.4 |      0.03976m(11122824)
 3774152.4 |      0.03400 (13020224)
```



```
                                *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                   INCLUDING SOURCE(S):     C3039006    , C3039007
 , C3039008    , C3039009    , C3039010    ,
                 C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                 C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                 C3039027    , C3039028    , C3039029    , C3039030    , C3039031
```

, C3039032 , C3039033 , . . . ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	471764.54	471814.54	471864.54	471914.54	471964.54
3776302.8	0.08072 (16122124)	0.09332 (15122224)	0.11701 (15122224)	0.15802 (15122224)	0.25020 (15122224)
3776252.8	0.07810 (16122124)	0.08997 (15122224)	0.11148 (15122224)	0.14866 (15122224)	0.22933 (15122224)
3776202.8	0.07631 (16122124)	0.08742 (15122224)	0.10853 (15122224)	0.14509 (15122224)	0.22534 (15122224)
3776152.8	0.07514 (16122124)	0.08598 (11121924)	0.10736 (11121924)	0.14544 (15122224)	0.23309 (15122224)
3776102.8	0.07439 (16122124)	0.08541 (16122124)	0.10679 (11121924)	0.14568 (15122224)	0.23891 (15122224)

*** AERMOD - VERSION 19191 *** *** Ono Construction PM exhaust ***
06/24/20
*** AERMET - VERSION 16216 *** ***
20:28:17

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3039006 , C3039007 , C3039008 , C3039009 , C3039010 , C3039011 , C3039012 , C3039013 , C3039014 , C3039015 , C3039016 , C3039017 , C3039018 , C3039019 , C3039020 , C3039021 , C3039022 , C3039023 , C3039024 , C3039025 , C3039026 , C3039027 , C3039028 , C3039029 , C3039030 , C3039031 , C3039032 , C3039033 , . . . ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

```
  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       472014.54
 - - -
```

```
 3776354.7 |      0.08292 (16122124)      0.09631 (15122224)      0.12134
(15122224)      0.16611 (15122224)      0.27394 (15122224)
 3776304.7 |      0.07919 (16122124)      0.09088 (16122124)      0.11277
(15122224)      0.14997 (15122224)      0.22957 (15122224)
```

```
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                  PAGE 335
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3039006    , C3039007
 , C3039008    , C3039009    , C3039010    ,
                C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,

                                  *** NETWORK ID: UCART3   ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       472006.60
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3776504.7 |      0.31968 (16011524)
 3776454.7 |      0.49574 (16011524)
 3776404.7 |      0.76966c(12122524)
 3776354.7 |      0.82474c(12122524)
 3776304.7 |      0.55213c(12122524)
```

```
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                  PAGE 336
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
```

VALUES FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3039006 , C3039007
, C3039008 , C3039009 , C3039010 ,
C3039011 , C3039012 , C3039013 , C3039014 , C3039015
, C3039016 , C3039017 , C3039018 ,
C3039019 , C3039020 , C3039021 , C3039022 , C3039023
, C3039024 , C3039025 , C3039026 ,
C3039027 , C3039028 , C3039029 , C3039030 , C3039031
, C3039032 , C3039033 , . . . ,

*** NETWORK ID: UCART4 ; NETWORK TYPE:
GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

Y-COORD (METERS)	X-COORD (METERS) 471664.52	471714.52	471764.52	471814.52	471864.52
3776653.9	0.12689 (15122224)	0.15870 (15122224)	0.21960 (15122224)	0.38626 (15122224)	0.59408c(12122524)
3776603.9	0.10535 (15122224)	0.12568 (15122224)	0.15972 (15122224)	0.22949 (15122224)	0.43592 (15122224)
3776553.9	0.09152 (16012024)	0.10629 (15122224)	0.12915 (15122224)	0.17096 (15122224)	0.26807 (15122224)
3776503.9	0.08354 (16012024)	0.09390 (16012024)	0.11007 (15122224)	0.13988 (15122224)	0.19870 (15122224)

*** AERMOD - VERSION 19191 *** *** Ono Construction PM exhaust
*** *** 06/24/20
*** AERMET - VERSION 16216 *** ***
*** 20:28:17

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3039006 , C3039007
, C3039008 , C3039009 , C3039010 ,
C3039011 , C3039012 , C3039013 , C3039014 , C3039015
, C3039016 , C3039017 , C3039018 ,
C3039019 , C3039020 , C3039021 , C3039022 , C3039023
, C3039024 , C3039025 , C3039026 ,
C3039027 , C3039028 , C3039029 , C3039030 , C3039031
, C3039032 , C3039033 , . . . ,

*** NETWORK ID: UCART4 ; NETWORK TYPE:
GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

```
  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       471914.52
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3776653.9 |      0.34766 (16011524)
 3776603.9 |      0.65355 (16121124)
 3776553.9 |      0.73157c(12122524)
 3776503.9 |      0.36534 (15122224)
```


*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3039006 , C3039007
, C3039008 , C3039009 , C3039010 ,
C3039011 , C3039012 , C3039013 , C3039014 , C3039015
, C3039016 , C3039017 , C3039018 ,
C3039019 , C3039020 , C3039021 , C3039022 , C3039023
, C3039024 , C3039025 , C3039026 ,
C3039027 , C3039028 , C3039029 , C3039030 , C3039031
, C3039032 , C3039033 , . . . ,

*** NETWORK ID: UCART5 ; NETWORK TYPE:
GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

```
  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       471554.26              471604.26              471654.26
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3776759.2 |      0.13739 (15122224)      0.17494 (15122224)      0.24409
(15122224)
```

```
 3776709.2 |      0.10922 (15122224)      0.13014 (15122224)      0.16243
(15122224)
 3776659.2 |      0.09155 (15122224)      0.10561 (15122224)      0.12490
(15122224)
 3776609.2 |      0.08109 (16012024)      0.09011 (15122224)      0.10381
(15122224)
 3776559.2 |      0.07414 (16012024)      0.08117 (16012024)      0.09054
(16012024)
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                   PAGE 339
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3039006    , C3039007
 , C3039008    , C3039009    , C3039010    ,
                C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,

                                   *** NETWORK ID: UCART6   ;  NETWORK TYPE:
GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471343.73              471393.73              471443.73
       471493.73              471543.73
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3776922.8 |      0.13525 (15122224)      0.17200 (15122224)      0.23924
(15122224)      0.41188 (15122224)      0.59694 (16121124)
 3776872.8 |      0.10741 (15122224)      0.12827 (15122224)      0.16031
(15122224)      0.21952 (15122224)      0.35005 (15122224)
 3776822.8 |      0.08953 (15122224)      0.10325 (15122224)      0.12205
(15122224)      0.15143 (15122224)      0.20015 (15122224)
 3776772.8 |      0.07766 (16012024)      0.08677 (15122224)      0.09941
(15122224)      0.11656 (15122224)      0.14186 (15122224)
 3776722.8 |      0.07016 (16012024)      0.07649 (16012024)      0.08427
```

```
(16012024)      0.09592 (15122224)      0.11151 (15122224)
 3776672.8 |      0.06435 (16012024)      0.06943 (16012024)      0.07550
(16012024)      0.08302 (16012024)      0.09296 (15122224)
 3776622.8 |      0.05957 (11121924)      0.06386 (16012024)      0.06895
(16012024)      0.07477 (16012024)      0.08184 (16012024)
 3776572.8 |      0.05658 (11121924)      0.05936 (16012024)      0.06387
(11121924)      0.06864 (16012024)      0.07447 (16012024)
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                  PAGE 340
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3039006    , C3039007
 , C3039008    , C3039009    , C3039010    ,
                C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,

                                  *** NETWORK ID: UCART7   ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471137.27               471187.27               471237.27
       471287.27               471337.27
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3777005.9 |      0.09504 (15122224)      0.11117 (15122224)      0.13389
(15122224)      0.16977 (15122224)      0.23430 (15122224)
 3776955.9 |      0.08042 (11121924)      0.09165 (15122224)      0.10662
(15122224)      0.12741 (15122224)      0.15882 (15122224)
 3776905.9 |      0.07172 (11121924)      0.07869 (11121924)      0.08867
(15122224)      0.10246 (15122224)      0.12126 (15122224)
 3776855.9 |      0.06555 (11121924)      0.07046 (11121924)      0.07688
(16012024)      0.08593 (15122224)      0.09868 (15122224)
 3776805.9 |      0.06125 (11121924)      0.06515 (11121924)      0.06912
(16012024)      0.07535 (16012024)      0.08346 (15122224)
```

```
 3776755.9 |      0.05826 (11121924)      0.05978 (11121924)      0.06311
(16012024)      0.06821 (16012024)      0.07413 (16012024)
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 341
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                  INCLUDING SOURCE(S):     C3039006    , C3039007
 , C3039008    , C3039009    , C3039010    ,
                C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,

                                   *** NETWORK ID: UCART8   ;  NETWORK TYPE:
GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471025.84              471075.84              471125.84
       471175.84              471225.84
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3777113.8 |      0.10195 (15122224)      0.12120 (15122224)      0.14884
(15122224)      0.19535 (15122224)      0.28938 (15122224)
 3777063.8 |      0.08486 (15122224)      0.09816 (15122224)      0.11562
(15122224)      0.14066 (15122224)      0.18071 (15122224)
 3777013.8 |      0.07401 (11121924)      0.08228 (15122224)      0.09456
(15122224)      0.11060 (15122224)      0.13307 (15122224)
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 342
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
```

VALUES FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3039006 , C3039007
, C3039008 , C3039009 , C3039010 ,
C3039011 , C3039012 , C3039013 , C3039014 , C3039015
, C3039016 , C3039017 , C3039018 ,
C3039019 , C3039020 , C3039021 , C3039022 , C3039023
, C3039024 , C3039025 , C3039026 ,
C3039027 , C3039028 , C3039029 , C3039030 , C3039031
, C3039032 , C3039033 , . . . ,

*** NETWORK ID: UCART8 ; NETWORK TYPE:
GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

Y-COORD | X-COORD (METERS)
(METERS) | 471275.84
- - - -

```
  Y-COORD  |                                                   X-COORD (METERS)
  (METERS) |       471071.36              471121.36              471171.36
       471221.36
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3777220.7 |      0.24740 (15122224)      0.42896 (15122224)      0.58017
(16121124)      0.40635 (16011524)
 3777170.7 |      0.16327 (15122224)      0.22177 (15122224)      0.35089
(15122224)      0.70188 (16121124)
 3777120.7 |      0.12322 (15122224)      0.15189 (15122224)      0.20084
(15122224)      0.30173 (15122224)
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                  PAGE 344
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                INCLUDING SOURCE(S):     C3039006    , C3039007
 , C3039008    , C3039009    , C3039010    ,
                C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,

                                  *** NETWORK ID: UCART10  ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                   X-COORD (METERS)
  (METERS) |       470606.55              470656.55              470706.55
       470756.55              470806.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3777252.6 |      0.05135 (11121924)      0.05687 (11121924)      0.06355
(11121924)      0.07266 (15122224)      0.08469 (15122224)
 3777202.6 |      0.04875 (11121924)      0.05247 (11121924)      0.05770
(11121924)      0.06415 (11121924)      0.07229 (15122224)
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 3777152.6 |      0.04613 (11121924)      0.04890 (11121924)      0.05322
(11121924)      0.05814 (11121924)      0.06416 (11121924)
 3777102.6 |      0.04520 (11121924)      0.04703 (11121924)      0.05086
(11121924)      0.05458 (11121924)      0.05878 (11121924)
 3777052.6 |      0.04434 (11121924)      0.04600 (11121924)      0.04936
(11121924)      0.05223 (11121924)      0.05525 (11121924)
```


```
                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3039006    , C3039007
 , C3039008    , C3039009    , C3039010    ,
                C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,

                                 *** NETWORK ID: UCART10  ;  NETWORK TYPE:
GRIDCART ***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       470856.55              470906.55              470956.55
       471006.55              471056.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777252.6 |      0.10060 (15122224)      0.12277 (15122224)      0.15604
(15122224)      0.21100 (15122224)      0.31874 (15122224)
 3777202.6 |      0.08356 (15122224)      0.09792 (15122224)      0.11711
(15122224)      0.14463 (15122224)      0.18905 (15122224)
 3777152.6 |      0.07179 (11121924)      0.08188 (15122224)      0.09507
(15122224)      0.11241 (15122224)      0.13667 (15122224)
 3777102.6 |      0.06430 (11121924)      0.07134 (11121924)      0.07985
(11121924)      0.09204 (15122224)      0.10782 (15122224)
 3777052.6 |      0.05939 (11121924)      0.06474 (11121924)      0.07061
(11121924)      0.07797 (11121924)      0.08900 (15122224)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3039006 , C3039007 , C3039008 , C3039009 , C3039010 ,
C3039011 , C3039012 , C3039013 , C3039014 , C3039015 , C3039016 , C3039017 , C3039018 ,
C3039019 , C3039020 , C3039021 , C3039022 , C3039023 , C3039024 , C3039025 , C3039026 ,
C3039027 , C3039028 , C3039029 , C3039030 , C3039031 , C3039032 , C3039033 , . . . ,

*** NETWORK ID: UCART11 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 470269.99	470319.99	470369.99	470419.99
3777554.4	0.03482 (15122224)	0.03898 (15122224)	0.04398 (15122224)	0.05029 (15122224)
3777504.4	0.03465 (11010624)	0.03694 (11121924)	0.04154 (15122224)	0.04743 (15122224)
3777454.4	0.03445 (11010624)	0.03664 (11010624)	0.03935 (11121924)	0.04418 (15122224)
3777404.4	0.03380 (11010624)	0.03576 (11010624)	0.03806 (11010624)	0.04164 (11121924)
3777354.4	0.03316 (16010724)	0.03489 (16010724)	0.03688 (11010624)	0.03970 (11121924)
3777304.4	0.03334 (16010724)	0.03494 (16010724)	0.03649 (16010724)	0.03860 (16010724)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3039006 , C3039007 , C3039008 , C3039009 , C3039010 ,
C3039011 , C3039012 , C3039013 , C3039014 , C3039015 , C3039016 , C3039017 , C3039018 ,
C3039019 , C3039020 , C3039021 , C3039022 , C3039023 , C3039024 , C3039025 , C3039026 ,
C3039027 , C3039028 , C3039029 , C3039030 , C3039031 , C3039032 , C3039033 , . . . ,

*** NETWORK ID: UCART12 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 468710.70	468760.70	468810.70	468860.70	468910.70
3779663.0	0.02138 (15011024)	0.02510 (13012224)	0.03089 (15122224)	0.04165 (13120824)	0.06177 (12122924)
3779613.0	0.02117 (15011024)	0.02361 (15122224)	0.02857 (12122924)	0.04033 (12122924)	0.05602 (12122924)
3779563.0	0.02058 (15011024)	0.02279 (15011024)	0.02901 (12122924)	0.03822 (12122924)	0.04941 (12122924)
3779513.0	0.01969 (15011024)	0.02215 (12122924)	0.02810 (12122924)	0.03516 (12122924)	0.04294 (12122924)
3779463.0	0.01856 (15011024)	0.02174 (12122924)	0.02637 (12122924)	0.03143 (12122924)	0.03635 (12122924)
3779413.0	0.01751 (12122924)	0.02075 (12122924)	0.02413 (12122924)	0.02735 (12122924)	0.03001 (12122924)
3779363.0	0.01682 (12122924)	0.01928 (12122924)	0.02158 (12122924)	0.02335 (12122924)	0.02433 (12122924)
3779313.0	0.01595 (15122224)	0.01756 (12122924)	0.01898 (12122924)	0.01974 (12122924)	0.02050 (15011024)

*** AERMOD - VERSION 19191 *** *** Ono Construction PM exhaust *** 06/24/20
*** AERMET - VERSION 16216 *** *** *** 20:28:17

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3039006 , C3039007
, C3039008 , C3039009 , C3039010 ,
C3039011 , C3039012 , C3039013 , C3039014 , C3039015
, C3039016 , C3039017 , C3039018 ,
C3039019 , C3039020 , C3039021 , C3039022 , C3039023
, C3039024 , C3039025 , C3039026 ,
C3039027 , C3039028 , C3039029 , C3039030 , C3039031
, C3039032 , C3039033 , . . . ,

*** NETWORK ID: UCART12 ; NETWORK TYPE:
GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

Y-COORD (METERS)	X-COORD (METERS) 468960.70	469010.70	469060.70
3779663.0	0.09323m(11010224)	0.14950m(11010224)	0.31627 (15122224)
3779613.0	0.07570 (12122924)	0.10266m(11010224)	0.15945m(11010224)
3779563.0	0.06241 (12122924)	0.07787 (12122924)	0.10010 (12122924)
3779513.0	0.05076 (12122924)	0.05829 (12122924)	0.06396 (12122924)
3779463.0	0.04013 (12122924)	0.04176 (12122924)	0.04530 (13012224)
3779413.0	0.03105 (12122924)	0.03296 (13012224)	0.03582 (13012224)
3779363.0	0.02530 (13012224)	0.02781 (13012224)	0.02968 (13012224)
3779313.0	0.02200 (13012224)	0.02389 (13012224)	0.02533 (13012224)

*** AERMOD - VERSION 19191 *** *** Ono Construction PM exhaust
*** 06/24/20
*** AERMET - VERSION 16216 *** ***
*** 20:28:17

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3039006 , C3039007
, C3039008 , C3039009 , C3039010 ,
C3039011 , C3039012 , C3039013 , C3039014 , C3039015
, C3039016 , C3039017 , C3039018 ,
C3039019 , C3039020 , C3039021 , C3039022 , C3039023
, C3039024 , C3039025 , C3039026 ,
C3039027 , C3039028 , C3039029 , C3039030 , C3039031
, C3039032 , C3039033 , . . . ,

*** NETWORK ID: UCART13 ; NETWORK TYPE:
GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

Y-COORD (METERS)	X-COORD (METERS) 471075.86	471125.86	471175.86	471225.86	471275.86
3777911.5	0.05136 (16112724)	0.04833 (16112724)	0.04497 (16112724)	0.04133 (16112724)	0.03746 (16112724)
3777861.5	0.05595 (16112724)	0.05276 (16112724)	0.04921 (16112724)	0.04536 (16112724)	0.04130 (16112724)
3777811.5	0.06092 (16112724)	0.05751 (16112724)	0.05378 (16112724)	0.04975 (16112724)	0.04546 (16112724)
3777761.5	0.06637 (16112724)	0.06264 (16112724)	0.05870 (16112724)	0.05452 (16112724)	0.05004 (16112724)
3777711.5	0.07228 (16112724)	0.06801 (16112724)	0.06390 (16112724)	0.05959 (16112724)	0.05499 (16112724)
3777661.5	0.07917 (16112724)	0.07428 (16112724)	0.06955 (16112724)	0.06501 (16112724)	0.06029 (16112724)
3777611.5	0.08716 (16112724)	0.08140 (16112724)	0.07597 (16112724)	0.07090 (16112724)	0.06596 (16112724)
3777561.5	0.09672 (16112724)	0.08955 (16112724)	0.08324 (16112724)	0.07766 (16112724)	0.07213 (16112724)
3777511.5	0.10881 (16112724)	0.09895 (16112724)	0.09137 (16112724)	0.08492 (16112724)	0.07894 (16112724)
3777461.5	0.12737 (16112724)	0.11179 (16112724)	0.10157 (16112724)	0.09371 (16112724)	0.08686 (16112724)
3777411.5	0.17389 (16011524)	0.13340 (16011524)	0.11563 (16112724)	0.10459 (16112724)	0.09582 (16112724)
3777361.5	0.27266 (16011524)	0.18804 (16011524)	0.14320 (16011524)	0.12269 (16112724)	0.10814 (16112724)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BNSFCONS ***
INCLUDING SOURCE(S): C3039006 , C3039007 , C3039008 , C3039009 , C3039010 ,
C3039011 , C3039012 , C3039013 , C3039014 , C3039015 , C3039016 , C3039017 , C3039018 ,
C3039019 , C3039020 , C3039021 , C3039022 , C3039023 , C3039024 , C3039025 , C3039026 ,
C3039027 , C3039028 , C3039029 , C3039030 , C3039031 , C3039032 , C3039033 , . . . ,

*** NETWORK ID: UCART13 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 471325.86	471375.86	471425.86	471475.86	471525.86
3777911.5	0.03702 (16010624)	0.03710 (16010624)	0.03699 (16010624)	0.03653 (16010624)	0.03587 (16010624)
3777861.5	0.03874 (16010624)	0.03848 (16010624)	0.03840 (16010624)	0.03784 (16010624)	0.03747 (16010624)
3777811.5	0.04101 (16112724)	0.04023 (16010624)	0.03979 (16010624)	0.03940 (16010624)	0.03894 (16010624)
3777761.5	0.04532 (16112724)	0.04193 (16010624)	0.04139 (16010624)	0.04100 (16010624)	0.04041 (16010624)
3777711.5	0.05005 (16112724)	0.04500 (16112724)	0.04330 (16010624)	0.04256 (16010624)	0.04196 (16010624)
3777661.5	0.05521 (16112724)	0.04985 (16112724)	0.04484 (16010624)	0.04435 (16010624)	0.04366 (16010624)
3777611.5	0.06074 (16112724)	0.05514 (16112724)	0.04935 (16112724)	0.04602 (16010624)	0.04541 (16010624)
3777561.5	0.06668 (16112724)	0.06082 (16112724)	0.05474 (16112724)	0.04860 (16112724)	0.04688 (16010624)
3777511.5	0.07313 (16112724)	0.06683 (16112724)	0.06073 (16112724)	0.05424 (16112724)	0.04929 (16010624)
3777461.5	0.08031 (16112724)	0.07356 (16112724)	0.06701

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(16112724)      0.06053 (16112724)      0.05338 (16112724)
 3777411.5 |      0.08812 (16112724)      0.08078 (16112724)      0.07369
(16112724)      0.06687 (16112724)      0.05958 (16112724)
 3777361.5 |      0.09716 (16112724)      0.08920 (16112724)      0.08119
(16112724)      0.07391 (16112724)      0.06657 (16112724)
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3039006    , C3039007
 , C3039008    , C3039009    , C3039010    ,
                C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,

                                   *** NETWORK ID: UCART14  ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       472114.69               472164.69               472214.69
       472264.69               472314.69
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3777124.5 |      0.05705 (13120724)      0.04929 (13120724)      0.04858
(13120724)      0.04675 (13120724)      0.04581 (13120724)
 3777074.5 |      0.05868 (13120724)      0.05227 (13120724)      0.04998
(13120724)      0.04835 (13120724)      0.04705 (13120724)
 3777024.5 |      0.06136 (13120724)      0.05425 (13120724)      0.05270
(13120724)      0.05048 (13120724)      0.04860 (13120724)
 3776974.5 |      0.06129 (13120724)      0.05605 (13120724)      0.05461
(13120724)      0.05207 (13120724)      0.04990 (13120724)
 3776924.5 |      0.06243 (13120724)      0.05830 (13120724)      0.05655
(13120724)      0.05384 (13120724)      0.05139 (13120724)
 3776874.5 |      0.06467 (13120724)      0.05609 (13120724)      0.05326
(13120724)      0.05011 (13120724)      0.04864 (13120724)
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 3776824.5 |      0.06718 (13120724)      0.05918 (13120724)      0.05497
(13120724)      0.05112 (13120724)      0.04799 (13120724)
 3776774.5 |      0.07014 (13120724)      0.06293 (13120724)      0.05753
(13120724)      0.05326 (13120724)      0.04957 (13120724)
 3776724.5 |      0.07619 (13120724)      0.06732 (13120724)      0.06034
(13120724)      0.05494 (13120724)      0.05129 (13120724)
 3776674.5 |      0.08305 (13120724)      0.07189 (13120724)      0.06308
(13120724)      0.05641 (13120724)      0.05129 (13120724)
 3776624.5 |      0.09314 (16011524)      0.07746c(12121724)      0.06646
(13120724)      0.05877 (13120724)      0.05303 (13120724)
 3776574.5 |      0.10612 (16011524)      0.08539 (16011524)
0.07162c(12121724)      0.06170c(12121724)      0.05440 (13120724)
 3776524.5 |      0.12095 (16011524)      0.09428 (16011524)
0.07734c(12121724)      0.06587c(12121724)      0.05728c(12121724)
 3776474.5 |      0.13753 (16011524)      0.10362 (16011524)
0.08310c(12121724)      0.07002c(12121724)      0.06044c(12121724)
 3776424.5 |      0.15591 (16011524)      0.11278 (16011524)
0.08873c(12121724)      0.07400c(12121724)      0.06340c(12121724)
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                  PAGE 352
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                INCLUDING SOURCE(S):     C3039006    , C3039007
 , C3039008    , C3039009    , C3039010    ,
                C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,

                                  *** NETWORK ID: UCART14  ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       472364.69              472414.69              472464.69
       472514.69              472564.69
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
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 3777124.5 |      0.04414 (13120724)      0.04217 (13120724)      0.03991
(13120724)      0.03748 (13120724)      0.03512 (13120724)
 3777074.5 |      0.04507 (13120724)      0.04301 (13120724)      0.04070
(13120724)      0.03823 (13120724)      0.03570 (13120724)
 3777024.5 |      0.04654 (13120724)      0.04421 (13120724)      0.04149
(13120724)      0.03878 (13120724)      0.03618 (13120724)
 3776974.5 |      0.04787 (13120724)      0.04503 (13120724)      0.04197
(13120724)      0.03834 (13120724)      0.03593 (13120724)
 3776924.5 |      0.04874 (13120724)      0.04598 (13120724)      0.04228
(13120724)      0.03675 (13120724)      0.03514 (13120724)
 3776874.5 |      0.04558 (13120724)      0.04437 (13120724)      0.03999
(13120724)      0.03671 (13120724)      0.03492 (13120724)
 3776824.5 |      0.04508 (13120724)      0.04269 (13120724)      0.03955
(13120724)      0.03656 (13120724)      0.03467 (13120724)
 3776774.5 |      0.04626 (13120724)      0.04314 (13120724)      0.04029
(13120724)      0.03752 (13120724)      0.03532 (13120724)
 3776724.5 |      0.04771 (13120724)      0.04428 (13120724)      0.04093
(13120724)      0.03830 (13120724)      0.03596 (13120724)
 3776674.5 |      0.04677 (13120724)      0.04297 (13120724)      0.03975
(13120724)      0.03857 (13120724)      0.03615 (13120724)
 3776624.5 |      0.04792 (13120724)      0.04387 (13120724)      0.04047
(13120724)      0.03804 (13120724)      0.03561 (13120724)
 3776574.5 |      0.04896 (13120724)      0.04465 (13120724)      0.04094
(13120724)      0.03879 (13120724)      0.03627 (13120724)
 3776524.5 |      0.05061c(12121724)      0.04524c(12121724)
0.04080c(12121724)      0.03815 (15122124)      0.03617 (15122124)
 3776474.5 |      0.05311c(12121724)      0.04726c(12121724)
0.04249c(12121724)      0.03883 (15122124)      0.03657 (15122124)
 3776424.5 |      0.05543c(12121724)      0.04913c(12121724)
0.04406c(12121724)      0.03978c(12121724)      0.03717 (15122124)
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                  PAGE 353
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3039006    , C3039007
 , C3039008    , C3039009    , C3039010    ,
                C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
```

, C3039032 , C3039033 , . . . ,

*** NETWORK ID: UCART15 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 472138.17	472188.17	472238.17	472288.17	472338.17
3775714.7	0.19149 (16011524)	0.13013 (16011524)	0.10111c(12121724)	0.08331c(12121724)	0.07070c(12121724)
3775664.7	0.18656 (16011524)	0.12732 (16011524)	0.10073c(12121724)	0.08311c(12121724)	0.07060c(12121724)
3775614.7	0.17605 (16011524)	0.12530c(12121724)	0.09981c(12121724)	0.08253c(12121724)	0.07029c(12121724)
3775564.7	0.16799 (16011524)	0.12309c(12121724)	0.09840c(12121724)	0.08182c(12121724)	0.06993c(12121724)
3775514.7	0.16488 (16011524)	0.12140c(12121724)	0.09767c(12121724)	0.08143c(12121724)	0.06964c(12121724)
3775464.7	0.16495 (16011524)	0.12149c(12121724)	0.09778c(12121724)	0.08144c(12121724)	0.06970c(12121724)
3775414.7	0.16696 (16011524)	0.12270c(12121724)	0.09805c(12121724)	0.08153c(12121724)	0.06963c(12121724)
3775364.7	0.16951 (16011524)	0.12321c(12121724)	0.09808c(12121724)	0.08140c(12121724)	0.06942c(12121724)
3775314.7	0.17375 (16011524)	0.12444 (16011524)	0.09815c(12121724)	0.08133c(12121724)	0.06930c(12121724)
3775264.7	0.17984 (16011524)	0.12570 (16011524)	0.09845c(12121724)	0.08125c(12121724)	0.06908c(12121724)
3775214.7	0.18196 (16011524)	0.12600 (16011524)	0.09852c(12121724)	0.08101c(12121724)	0.06874c(12121724)
3775164.7	0.17920 (16011524)	0.12513 (16011524)	0.09768c(12121724)	0.08032c(12121724)	0.06810c(12121724)
3775114.7	0.17539 (16011524)	0.12359 (16011524)	0.09647c(12121724)	0.07939c(12121724)	0.06732c(12121724)
3775064.7	0.17265 (16011524)	0.12221 (16011524)	0.09511c(12121724)	0.07830c(12121724)	0.06644c(12121724)
3775014.7	0.17177 (16011524)	0.12109 (16011524)	0.09378c(12121724)	0.07724c(12121724)	0.06554c(12121724)
3774964.7	0.16900 (16011524)	0.11951 (16011524)	0.09247c(12121724)	0.07616c(12121724)	0.06460c(12121724)
3774914.7	0.16673 (16011524)	0.11819 (16011524)	0.09124c(12121724)	0.07503c(12121724)	0.06366c(12121724)

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 3774864.7 |      0.16545 (16011524)      0.11666 (16011524)
0.08989c(12121724)      0.07388c(12121724)      0.06265c(12121724)
 3774814.7 |      0.16383 (16011524)      0.11458 (16011524)
0.08863c(12121724)      0.07267c(12121724)      0.06159c(12121724)
 3774764.7 |      0.15996 (16011524)      0.11264 (11111824)
0.08707c(12121724)      0.07129c(12121724)      0.06041c(12121724)
 3774714.7 |      0.15643 (16011524)      0.11055 (11111824)
0.08467c(12121724)      0.06943c(12121724)      0.05883c(12121724)
 3774664.7 |      0.15374 (11111824)      0.10604 (11111824)
0.08189c(12121724)      0.06718c(12121724)      0.05700c(12121724)
 3774614.7 |      0.14539 (11111824)      0.10089c(12121724)
0.07858c(12121724)      0.06456c(12121724)      0.05487c(12121724)
 3774564.7 |      0.13262c(12121724)      0.09503c(12121724)
0.07444c(12121724)      0.06146c(12121724)      0.05244c(12121724)
 3774514.7 |      0.11991c(12121724)      0.08774c(12121724)
0.06941c(12121724)      0.05772c(12121724)      0.04951c(12121724)
 3774464.7 |      0.10711c(12121724)      0.07920c(12121724)
0.06329c(12121724)      0.05317c(12121724)      0.04600c(12121724)
 3774414.7 |      0.08603c(12121724)      0.06705c(12121724)
0.05543c(12121724)      0.04760c(12121724)      0.04187c(12121724)
 3774364.7 |      0.06439c(12121724)      0.05445c(12121724)
0.04722c(12121724)      0.04183c(12121724)      0.03759c(12121724)
 3774314.7 |      0.05095 (11012124)      0.04460c(12121724)
0.04031c(12121724)      0.03668c(12121724)      0.03361c(12121724)
 3774264.7 |      0.04348 (11012124)      0.03851m(15010924)
0.03473c(12121724)      0.03237c(12121724)      0.03018c(12121724)
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                  PAGE 354
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  BNSFCONS ***
                                 INCLUDING SOURCE(S):     C3039006    , C3039007
 , C3039008    , C3039009    , C3039010    ,
                 C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                 C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                 C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,

                                  *** NETWORK ID: UCART16  ;  NETWORK TYPE:
GRIDCART ***
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                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       472255.22               472305.22               472355.22
       472405.22               472455.22
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3776236.9 |      0.08743c(12121724)      0.07329c(12121724)
0.06314c(12121724)      0.05541c(12121724)      0.04928c(12121724)
 3776186.9 |      0.08877c(12121724)      0.07435c(12121724)
0.06401c(12121724)      0.05612c(12121724)      0.04995c(12121724)
 3776136.9 |      0.08962c(12121724)      0.07510c(12121724)
0.06468c(12121724)      0.05673c(12121724)      0.05047c(12121724)
 3776086.9 |      0.09041c(12121724)      0.07578c(12121724)
0.06523c(12121724)      0.05717c(12121724)      0.05088c(12121724)
 3776036.9 |      0.09150c(12121724)      0.07652c(12121724)
0.06575c(12121724)      0.05763c(12121724)      0.05123c(12121724)
 3775986.9 |      0.09262c(12121724)      0.07719c(12121724)
0.06620c(12121724)      0.05795c(12121724)      0.05156c(12121724)
 3775936.9 |      0.09331c(12121724)      0.07768c(12121724)
0.06655c(12121724)      0.05820c(12121724)      0.05174c(12121724)
 3775886.9 |      0.09375c(12121724)      0.07802c(12121724)
0.06682c(12121724)      0.05848c(12121724)      0.05182c(12121724)
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                   PAGE 355
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3039006    , C3039007
 , C3039008    , C3039009    , C3039010    ,
                C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE:
GRIDCART ***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
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  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471773.42               471823.42               471873.42
       471923.42               471973.42
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3776102.4 |      0.07899 (16122124)      0.09111 (15122224)      0.11516
(11121924)      0.15961 (15122224)      0.27374 (15122224)
 3776052.4 |      0.08147 (16122124)      0.09520 (15122224)      0.11813
(15122224)      0.16198 (15122224)      0.27761 (15122224)
 3776002.4 |      0.07937 (16122124)      0.08897 (15122224)      0.11066
(15122224)      0.15034 (15122224)      0.24043 (15122224)
 3775952.4 |      0.07820 (16122124)      0.08709 (15122224)      0.10748
(15122224)      0.14380 (15122224)      0.22141 (15122224)
 3775902.4 |      0.07808 (16122124)      0.08599 (15122224)      0.10586
(15122224)      0.14054 (15122224)      0.21623 (15122224)
 3775852.4 |      0.07778 (16122124)      0.08579 (16122124)      0.10527
(15122224)      0.13963 (15122224)      0.21428 (15122224)
 3775802.4 |      0.07806 (16122124)      0.08583 (16122124)      0.10541
(15122224)      0.13970 (15122224)      0.21404 (15122224)
 3775752.4 |      0.07827 (16122124)      0.08681 (16122124)      0.10654
(15122224)      0.14119 (15122224)      0.21558 (15122224)
 3775702.4 |      0.07970 (16122124)      0.08905 (16122124)      0.10968
(15122224)      0.14584 (15122224)      0.22166 (15122224)
 3775652.4 |      0.08291 (16122124)      0.09533 (16122124)      0.11343
(16122124)      0.15019 (16012024)      0.24560 (11121924)
 3775602.4 |      0.07846 (16122124)      0.09203 (11121924)      0.11617
(11121924)      0.16100 (15122224)      0.27819 (15122224)
 3775552.4 |      0.07818 (16122124)      0.09355 (11121924)      0.11995
(11121924)      0.16867 (15122224)      0.29714 (15122224)
 3775502.4 |      0.07884 (16122124)      0.09556 (11121924)      0.12435
(11121924)      0.17730 (15122224)      0.31628c(12122524)
 3775452.4 |      0.07881 (16122124)      0.09733 (11121924)      0.12972
(11121924)      0.19549 (11121924)      0.40364 (15122224)
 3775402.4 |      0.07816 (11121924)      0.09695 (11121924)      0.12823
(11121924)      0.19235 (15122224)      0.41702 (15122224)
 3775352.4 |      0.07966 (12122924)      0.09843 (12122924)      0.12906
(12122924)      0.18318 (12122924)      0.30178 (15122224)
 3775302.4 |      0.08053 (12122924)      0.09868 (12122924)      0.12576
(12122924)      0.16767 (12122924)      0.28507 (15122224)
 3775252.4 |      0.08088 (12122924)      0.09759 (12122924)      0.12127
(12122924)      0.15907 (12122924)      0.26076 (15122224)
 3775202.4 |      0.08025 (12122924)      0.09599 (12122924)      0.11799
(12122924)      0.15219 (12122924)      0.23640 (15122224)
 3775152.4 |      0.07967 (12122924)      0.09439 (12122924)      0.11459
(12122924)      0.14900 (15122224)      0.23485 (15122224)
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 3775102.4 |      0.07904 (12122924)      0.09294 (12122924)      0.11278
(12122924)      0.15047 (15122224)      0.24107 (15122224)
 3775052.4 |      0.07839 (12122924)      0.09254 (12122924)      0.11392
(11121924)      0.15968 (15122224)      0.25638 (15122224)
 3775002.4 |      0.07805 (12122924)      0.09283 (12122924)      0.11623
(11121924)      0.16165 (15122224)      0.25545 (15122224)
 3774952.4 |      0.07850 (12122924)      0.09364 (12122924)      0.11878
(11121924)      0.16931 (15122224)      0.26431 (15122224)
 3774902.4 |      0.07868 (12122924)      0.09465 (12122924)      0.12230
(11121924)      0.17674 (15122224)      0.30045 (15122224)
 3774852.4 |      0.07897 (12122924)      0.09590 (12122924)      0.12496
(11121924)      0.18294 (15122224)      0.32550 (15122224)
 3774802.4 |      0.07960 (12122924)      0.09707 (12122924)      0.12688
(11121924)      0.18366 (15122224)      0.31300 (15122224)
 3774752.4 |      0.08009 (12122924)      0.09801 (12122924)      0.12792
(11121924)      0.19855 (11121924)      0.42154 (15122224)
 3774702.4 |      0.08036 (12122924)      0.09922 (12122924)      0.13077
(12122924)      0.19240 (12122924)      0.37480 (15122224)
 3774652.4 |      0.08025 (12122924)      0.09960 (12122924)      0.13107
(12122924)      0.18446 (12122924)      0.27928 (15122224)
 3774602.4 |      0.07910 (12122924)      0.09711 (12122924)      0.12533
(12122924)      0.16808 (12122924)      0.26716 (15122224)
 3774552.4 |      0.07705 (12122924)      0.09306 (12122924)      0.11813
(12122924)      0.16509 (11121924)      0.32095 (15122224)
 3774502.4 |      0.07465 (12122924)      0.08935 (12122924)      0.11340
(12122924)      0.16284 (12122924)      0.33023 (15122224)
 3774452.4 |      0.07220 (12122924)      0.08601 (12122924)      0.10893
(12122924)      0.15210 (12122924)      0.23350 (11121224)
 3774402.4 |      0.06895 (12122924)      0.08097 (12122924)      0.09863
(12122924)      0.12679 (12122924)      0.16607 (11121224)
 3774352.4 |      0.06439 (12122924)      0.07302 (12122924)      0.08312
(12122924)      0.09229 (11121224)      0.10272 (11121224)
 3774302.4 |      0.05826 (12122924)      0.06295 (12122924)      0.06615
(12122924)      0.07091 (11121224)      0.06990 (11121224)
 3774252.4 |      0.05137 (12122924)      0.05273 (12122924)      0.05486
(11121224)      0.05644 (11121224)      0.05469m(11122824)
 3774202.4 |      0.04442 (12122924)      0.04471 (11121224)      0.04665
(11121224)      0.04687m(11122824)      0.04570m(11122824)
 3774152.4 |      0.03823 (12122924)      0.03946 (11121224)
0.04014m(11122824)      0.04068m(11122824)      0.03877m(11122824)
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 356
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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```
                                *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     C3039006    , C3039007
 , C3039008    , C3039009    , C3039010    ,
                C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       472023.42
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776102.4 |      0.61860c(12122524)
 3776052.4 |      0.64903c(12122524)
 3776002.4 |      0.60768c(12122524)
 3775952.4 |      0.54014c(12122524)
 3775902.4 |      0.53609c(12122524)
 3775852.4 |      0.53360c(12122524)
 3775802.4 |      0.52503c(12122524)
 3775752.4 |      0.51882c(12122524)
 3775702.4 |      0.52086c(12122524)
 3775652.4 |      0.56334c(12122524)
 3775602.4 |      0.51558c(12122524)
 3775552.4 |      0.62915c(12122524)
 3775502.4 |      0.63197c(12122524)
 3775452.4 |      0.62099c(12122524)
 3775402.4 |      0.59129c(12122524)
 3775352.4 |      0.63131c(12122524)
 3775302.4 |      0.62936c(12122524)
 3775252.4 |      0.79752c(12122524)
 3775202.4 |      0.60971c(12122524)
 3775152.4 |      0.66565c(12122524)
 3775102.4 |      0.74821c(12122524)
 3775052.4 |      0.83476c(12122524)
 3775002.4 |      0.69979c(12122524)
 3774952.4 |      0.72299c(12122524)
 3774902.4 |      0.68911c(12122524)
 3774852.4 |      0.66691c(12122524)
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 3774802.4 |      0.65784c(12122524)
 3774752.4 |      0.84219c(12122524)
 3774702.4 |      0.74054c(12122524)
 3774652.4 |      0.74772c(12122524)
 3774602.4 |      0.72391c(12122524)
 3774552.4 |      0.71013c(12122524)
 3774502.4 |      0.74868c(12122524)
 3774452.4 |      0.45185 (16121124)
 3774402.4 |      0.21520 (16012724)
 3774352.4 |      0.09296m(11122824)
 3774302.4 |      0.06373m(11122824)
 3774252.4 |      0.04931m(11122824)
 3774202.4 |      0.04054m(11122824)
 3774152.4 |      0.03470 (13020224)
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 357
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     C3039006    , C3039007
 , C3039008    , C3039009    , C3039010    ,
                C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,

                                   *** NETWORK ID: UCART2   ;  NETWORK TYPE:
GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       471764.54              471814.54              471864.54
       471914.54              471964.54
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3776302.8 |      0.08152 (16122124)      0.09403 (15122224)      0.11771
(15122224)      0.15871 (15122224)      0.25087 (15122224)
 3776252.8 |      0.07901 (16122124)      0.09083 (15122224)      0.11233
```

```
(15122224)      0.14949 (15122224)      0.23013 (15122224)
 3776202.8 |      0.07743 (16122124)      0.08854 (15122224)      0.10965
(15122224)      0.14618 (15122224)      0.22637 (15122224)
 3776152.8 |      0.07669 (16122124)      0.08762 (11121924)      0.10894
(11121924)      0.14708 (15122224)      0.23460 (15122224)
 3776102.8 |      0.07729 (16122124)      0.08853 (16122124)      0.10992
(11121924)      0.14899 (15122224)      0.24189 (15122224)
```

```
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                  PAGE 358
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3039006    , C3039007
 , C3039008    , C3039009    , C3039010    ,
                C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,

                                  *** NETWORK ID: UCART2   ;  NETWORK TYPE:
GRIDCART ***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       472014.54
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3776302.8 |      0.72453c(12122524)
 3776252.8 |      0.59866c(12122524)
 3776202.8 |      0.57924c(12122524)
 3776152.8 |      0.72922c(12122524)
 3776102.8 |      0.80369c(12122524)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): C3039006 , C3039007 , C3039008 , C3039009 , C3039010 ,
C3039011 , C3039012 , C3039013 , C3039014 , C3039015 , C3039016 , C3039017 , C3039018 ,
C3039019 , C3039020 , C3039021 , C3039022 , C3039023 , C3039024 , C3039025 , C3039026 ,
C3039027 , C3039028 , C3039029 , C3039030 , C3039031 , C3039032 , C3039033 , . . . ,

*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 471756.60	471806.60	471856.60	471906.60	471956.60
3776504.7	0.10772 (15122224)	0.13467 (15122224)	0.18704 (15122224)	0.32318 (15122224)	0.60218c(12122524)
3776454.7	0.09552 (16122124)	0.11663 (15122224)	0.15312 (15122224)	0.23058 (15122224)	0.50590 (15122224)
3776404.7	0.08909 (16122124)	0.10498 (15122224)	0.13331 (15122224)	0.19306 (11121924)	0.34988 (15122224)
3776354.7	0.08365 (16122124)	0.09693 (15122224)	0.12195 (15122224)	0.16671 (15122224)	0.27453 (15122224)
3776304.7	0.07998 (16122124)	0.09168 (16122124)	0.11348 (15122224)	0.15067 (15122224)	0.23024 (15122224)

*** AERMOD - VERSION 19191 *** *** Ono Construction PM exhaust *** 06/24/20
*** AERMET - VERSION 16216 *** *** *** 20:28:17

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): C3039006 , C3039007 , C3039008 , C3039009 , C3039010 ,
C3039011 , C3039012 , C3039013 , C3039014 , C3039015

```
 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,

                                  *** NETWORK ID: UCART3   ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       472006.60
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3776504.7 |      0.32016 (16011524)
 3776454.7 |      0.49626 (16011524)
 3776404.7 |      0.77029c(12122524)
 3776354.7 |      0.82542c(12122524)
 3776304.7 |      0.55289c(12122524)
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                  PAGE 361
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3039006    , C3039007
 , C3039008    , C3039009    , C3039010    ,
                C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,

                                  *** NETWORK ID: UCART4   ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                 X-COORD (METERS)
```

```
  (METERS) |       471664.52              471714.52              471764.52
       471814.52              471864.52
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3776653.9 |      0.12744 (15122224)      0.15921 (15122224)      0.22008
(15122224)      0.38672 (15122224)      0.59457c(12122524)
 3776603.9 |      0.10588 (15122224)      0.12619 (15122224)      0.16020
(15122224)      0.22996 (15122224)      0.43637 (15122224)
 3776553.9 |      0.09216 (16012024)      0.10679 (15122224)      0.12964
(15122224)      0.17143 (15122224)      0.26853 (15122224)
 3776503.9 |      0.08418 (16012024)      0.09451 (16012024)      0.11057
(15122224)      0.14037 (15122224)      0.19918 (15122224)
```



```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3039006    , C3039007
 , C3039008    , C3039009    , C3039010    ,
                C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,

                                 *** NETWORK ID: UCART4   ;  NETWORK TYPE:
GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       471914.52
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3776653.9 |      0.34808 (16011524)
 3776603.9 |      0.65406 (16121124)
 3776553.9 |      0.73209c(12122524)
 3776503.9 |      0.36581 (15122224)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): C3039006 , C3039007
, C3039008 , C3039009 , C3039010 ,
C3039011 , C3039012 , C3039013 , C3039014 , C3039015
, C3039016 , C3039017 , C3039018 ,
C3039019 , C3039020 , C3039021 , C3039022 , C3039023
, C3039024 , C3039025 , C3039026 ,
C3039027 , C3039028 , C3039029 , C3039030 , C3039031
, C3039032 , C3039033 , . . . ,

*** NETWORK ID: UCART5 ; NETWORK TYPE:
GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

Y-COORD (METERS)	X-COORD (METERS) 471554.26	471604.26	471654.26
3776759.2	0.13826 (15122224)	0.17566 (15122224)	0.24471 (15122224)
3776709.2	0.10998 (15122224)	0.13081 (15122224)	0.16302 (15122224)
3776659.2	0.09227 (16012024)	0.10623 (15122224)	0.12546 (15122224)
3776609.2	0.08186 (16012024)	0.09069 (15122224)	0.10435 (15122224)
3776559.2	0.07489 (16012024)	0.08186 (16012024)	0.09118 (16012024)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION

```
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3039006    , C3039007
 , C3039008    , C3039009    , C3039010    ,
                C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,

                                 *** NETWORK ID: UCART6   ;  NETWORK TYPE:
GRIDCART ***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471343.73              471393.73              471443.73
       471493.73              471543.73
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776922.8 |      0.14072 (15122224)      0.18470 (15122224)      0.24568
(15122224)      0.41443 (15122224)      0.59829 (16121124)
 3776872.8 |      0.12080 (15122224)      0.14872 (15122224)      0.16576
(15122224)      0.22161 (15122224)      0.35130 (15122224)
 3776822.8 |      0.09441 (15122224)      0.10753 (15122224)      0.12469
(15122224)      0.15301 (15122224)      0.20123 (15122224)
 3776772.8 |      0.08004 (16012024)      0.08875 (15122224)      0.10100
(15122224)      0.11777 (15122224)      0.14280 (15122224)
 3776722.8 |      0.07179 (16012024)      0.07798 (16012024)      0.08557
(16012024)      0.09688 (15122224)      0.11233 (15122224)
 3776672.8 |      0.06562 (16012024)      0.07062 (16012024)      0.07659
(16012024)      0.08399 (16012024)      0.09368 (15122224)
 3776622.8 |      0.06057 (16012024)      0.06488 (16012024)      0.06990
(16012024)      0.07565 (16012024)      0.08264 (16012024)
 3776572.8 |      0.05723 (11121924)      0.06026 (16012024)      0.06454
(16012024)      0.06946 (16012024)      0.07523 (16012024)
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                 PAGE 365
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
```

```
                                INCLUDING SOURCE(S):     C3039006    , C3039007
 , C3039008    , C3039009    , C3039010    ,
                C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,

                                   *** NETWORK ID: UCART7   ;  NETWORK TYPE:
GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       471137.27              471187.27              471237.27
       471287.27              471337.27
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777005.9 |      0.09892 (15122224)      0.11397 (15122224)      0.13634
(15122224)      0.17218 (15122224)      0.23705 (15122224)
 3776955.9 |      0.08473 (15122224)      0.09524 (15122224)      0.10995
(15122224)      0.13079 (15122224)      0.16277 (15122224)
 3776905.9 |      0.07846 (11121924)      0.08488 (11121924)      0.09511
(15122224)      0.10891 (15122224)      0.12807 (15122224)
 3776855.9 |      0.07929 (16012024)      0.08506 (16012024)      0.09184
(16012024)      0.10197 (15122224)      0.11511 (15122224)
 3776805.9 |      0.06444 (11121924)      0.06836 (11121924)      0.07283
(16012024)      0.07903 (16012024)      0.08703 (15122224)
 3776755.9 |      0.05999 (11121924)      0.06154 (11121924)      0.06530
(16012024)      0.07037 (16012024)      0.07620 (16012024)
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                   PAGE 366
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     C3039006    , C3039007
 , C3039008    , C3039009    , C3039010    ,
                C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
```

```
 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,

                                  *** NETWORK ID: UCART8   ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471025.84              471075.84              471125.84
       471175.84              471225.84
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777113.8 |      0.11223 (15122224)      0.13124 (15122224)      0.15220
(15122224)      0.19755 (15122224)      0.29113 (15122224)
 3777063.8 |      0.09130 (15122224)      0.11320 (15122224)      0.11955
(15122224)      0.14317 (15122224)      0.18273 (15122224)
 3777013.8 |      0.08010 (11121924)      0.09931 (15122224)      0.09890
(15122224)      0.11349 (15122224)      0.13548 (15122224)
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                  PAGE 367
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     C3039006    , C3039007
 , C3039008    , C3039009    , C3039010    ,
                C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,

                                  *** NETWORK ID: UCART8   ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                  X-COORD (METERS)
```

```
  (METERS) |       471275.84
 - - -
```

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): C3039006 , C3039007 , C3039008 , C3039009 , C3039010 ,
C3039011 , C3039012 , C3039013 , C3039014 , C3039015 , C3039016 , C3039017 , C3039018 ,
C3039019 , C3039020 , C3039021 , C3039022 , C3039023 , C3039024 , C3039025 , C3039026 ,
C3039027 , C3039028 , C3039029 , C3039030 , C3039031 , C3039032 , C3039033 , . . . ,

*** NETWORK ID: UCART10 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 470606.55	470656.55	470706.55	470756.55	470806.55
3777252.6	0.05265 (11121924)	0.05849 (11121924)	0.06567 (11121924)	0.07565 (15122224)	0.08995 (15122224)
3777202.6	0.04990 (11121924)	0.05385 (11121924)	0.05943 (11121924)	0.06642 (11121924)	0.07555 (15122224)
3777152.6	0.04715 (11121924)	0.05009 (11121924)	0.05465 (11121924)	0.05991 (11121924)	0.06642 (11121924)
3777102.6	0.04613 (11121924)	0.04809 (11121924)	0.05210 (11121924)	0.05605 (11121924)	0.06056 (11121924)
3777052.6	0.04523 (11121924)	0.04699 (11121924)	0.05048 (11121924)	0.05353 (11121924)	0.05678 (11121924)

*** AERMOD - VERSION 19191 *** *** Ono Construction PM exhaust ***
06/24/20
*** AERMET - VERSION 16216 *** ***
20:28:17

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): C3039006 , C3039007

```
 , C3039008    , C3039009    , C3039010    ,
                C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,

                                   *** NETWORK ID: UCART10  ;  NETWORK TYPE:
GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       470856.55               470906.55               470956.55
       471006.55               471056.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3777252.6 |      0.11335 (15122224)      0.12977 (15122224)      0.16010
(15122224)      0.21397 (15122224)      0.32104 (15122224)
 3777202.6 |      0.08939 (15122224)      0.11410 (15122224)      0.13095
(15122224)      0.15052 (15122224)      0.19259 (15122224)
 3777152.6 |      0.07484 (11121924)      0.08644 (15122224)      0.10254
(15122224)      0.12539 (15122224)      0.14446 (15122224)
 3777102.6 |      0.06650 (11121924)      0.07412 (11121924)      0.08364
(15122224)      0.09801 (15122224)      0.12167 (15122224)
 3777052.6 |      0.06125 (11121924)      0.06705 (11121924)      0.07366
(11121924)      0.08266 (11121924)      0.10076 (15122224)
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                   PAGE 371
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3039006    , C3039007
 , C3039008    , C3039009    , C3039010    ,
                C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,
```

*** NETWORK ID: UCART11 ; NETWORK TYPE:
GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

```
  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       470269.99              470319.99              470369.99
       470419.99
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3777554.4 |      0.03548 (15122224)      0.03969 (15122224)      0.04474
(15122224)      0.05114 (15122224)
 3777504.4 |      0.03515 (11010624)      0.03766 (11121924)      0.04233
(15122224)      0.04833 (15122224)
 3777454.4 |      0.03500 (11010624)      0.03721 (11010624)      0.04015
(11121924)      0.04509 (15122224)
 3777404.4 |      0.03439 (11010624)      0.03636 (11010624)      0.03869
(11010624)      0.04250 (11121924)
 3777354.4 |      0.03366 (16010724)      0.03544 (16010724)      0.03754
(11010624)      0.04051 (11121924)
 3777304.4 |      0.03386 (16010724)      0.03549 (16010724)      0.03709
(16010724)      0.03934 (11121924)
```

*** AERMOD - VERSION 19191 *** *** Ono Construction PM exhaust
*** 06/24/20
*** AERMET - VERSION 16216 *** ***
*** 20:28:17

PAGE 372
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): C3039006 , C3039007
, C3039008 , C3039009 , C3039010 ,
C3039011 , C3039012 , C3039013 , C3039014 , C3039015
, C3039016 , C3039017 , C3039018 ,
C3039019 , C3039020 , C3039021 , C3039022 , C3039023
, C3039024 , C3039025 , C3039026 ,
C3039027 , C3039028 , C3039029 , C3039030 , C3039031
, C3039032 , C3039033 , . . . ,

*** NETWORK ID: UCART12 ; NETWORK TYPE:
GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3

```
                    **

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       468710.70              468760.70              468810.70
       468860.70              468910.70
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3779663.0 |      0.02149 (15011024)      0.02538 (13012224)      0.03111
(13012224)      0.04166 (13120824)      0.06178 (12122924)
 3779613.0 |      0.02130 (15011024)      0.02371 (13012224)      0.02874
(13012224)      0.04034 (12122924)      0.05603 (12122924)
 3779563.0 |      0.02074 (15011024)      0.02292 (15011024)      0.02903
(12122924)      0.03823 (12122924)      0.04942 (12122924)
 3779513.0 |      0.01987 (15011024)      0.02217 (12122924)      0.02811
(12122924)      0.03517 (12122924)      0.04295 (12122924)
 3779463.0 |      0.01877 (15011024)      0.02176 (12122924)      0.02639
(12122924)      0.03145 (12122924)      0.03637 (12122924)
 3779413.0 |      0.01752 (12122924)      0.02076 (12122924)      0.02414
(12122924)      0.02737 (12122924)      0.03003 (12122924)
 3779363.0 |      0.01683 (12122924)      0.01929 (12122924)      0.02159
(12122924)      0.02336 (12122924)      0.02434 (12122924)
 3779313.0 |      0.01608 (15122224)      0.01758 (12122924)      0.01900
(12122924)      0.01975 (12122924)      0.02070 (15011024)
```



```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3039006    , C3039007
 , C3039008    , C3039009    , C3039010    ,
                C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,

                                  *** NETWORK ID: UCART12  ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **
```

```
  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       468960.70              469010.70              469060.70
 - - -
```

```
  (METERS) |       471075.86               471125.86               471175.86
       471225.86               471275.86
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3777911.5 |      0.05215 (16112724)      0.04900 (16112724)      0.04554
(16112724)      0.04181 (16112724)      0.03788 (16112724)
 3777861.5 |      0.05680 (16112724)      0.05347 (16112724)      0.04981
(16112724)      0.04587 (16112724)      0.04174 (16112724)
 3777811.5 |      0.06181 (16112724)      0.05826 (16112724)      0.05441
(16112724)      0.05028 (16112724)      0.04593 (16112724)
 3777761.5 |      0.06730 (16112724)      0.06343 (16112724)      0.05936
(16112724)      0.05508 (16112724)      0.05053 (16112724)
 3777711.5 |      0.07327 (16112724)      0.06885 (16112724)      0.06460
(16112724)      0.06019 (16112724)      0.05551 (16112724)
 3777661.5 |      0.08021 (16112724)      0.07517 (16112724)      0.07030
(16112724)      0.06565 (16112724)      0.06086 (16112724)
 3777611.5 |      0.08826 (16112724)      0.08236 (16112724)      0.07678
(16112724)      0.07160 (16112724)      0.06658 (16112724)
 3777561.5 |      0.09789 (16112724)      0.09058 (16112724)      0.08412
(16112724)      0.07841 (16112724)      0.07280 (16112724)
 3777511.5 |      0.11005 (16112724)      0.10007 (16112724)      0.09233
(16112724)      0.08575 (16112724)      0.07966 (16112724)
 3777461.5 |      0.12870 (16112724)      0.11299 (16112724)      0.10262
(16112724)      0.09462 (16112724)      0.08765 (16112724)
 3777411.5 |      0.17514 (16011524)      0.13451 (16011524)      0.11678
(16112724)      0.10559 (16112724)      0.09670 (16112724)
 3777361.5 |      0.27410 (16011524)      0.18930 (16011524)      0.14432
(16011524)      0.12381 (16112724)      0.10911 (16112724)
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                  PAGE 375
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     C3039006    , C3039007
 , C3039008    , C3039009    , C3039010    ,
                C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,
```

```
                                   *** NETWORK ID: UCART13  ;  NETWORK TYPE:
GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471325.86              471375.86              471425.86
       471475.86              471525.86
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3777911.5 |      0.03754 (16010624)      0.03758 (16010624)      0.03745
(16010624)      0.03697 (16010624)      0.03630 (16010624)
 3777861.5 |      0.03927 (16010624)      0.03897 (16010624)      0.03887
(16010624)      0.03829 (16010624)      0.03792 (16010624)
 3777811.5 |      0.04143 (16112724)      0.04074 (16010624)      0.04027
(16010624)      0.03987 (16010624)      0.03940 (16010624)
 3777761.5 |      0.04576 (16112724)      0.04245 (16010624)      0.04189
(16010624)      0.04148 (16010624)      0.04089 (16010624)
 3777711.5 |      0.05053 (16112724)      0.04544 (16112724)      0.04382
(16010624)      0.04306 (16010624)      0.04244 (16010624)
 3777661.5 |      0.05572 (16112724)      0.05032 (16112724)      0.04538
(16010624)      0.04488 (16010624)      0.04416 (16010624)
 3777611.5 |      0.06130 (16112724)      0.05566 (16112724)      0.04982
(16112724)      0.04656 (16010624)      0.04594 (16010624)
 3777561.5 |      0.06729 (16112724)      0.06138 (16112724)      0.05526
(16112724)      0.04906 (16112724)      0.04741 (16010624)
 3777511.5 |      0.07379 (16112724)      0.06744 (16112724)      0.06129
(16112724)      0.05473 (16112724)      0.04985 (16010624)
 3777461.5 |      0.08103 (16112724)      0.07422 (16112724)      0.06762
(16112724)      0.06106 (16112724)      0.05383 (16112724)
 3777411.5 |      0.08891 (16112724)      0.08151 (16112724)      0.07435
(16112724)      0.06745 (16112724)      0.06006 (16112724)
 3777361.5 |      0.09803 (16112724)      0.08999 (16112724)      0.08191
(16112724)      0.07454 (16112724)      0.06710 (16112724)
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                         ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                   PAGE 376
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     C3039006    , C3039007
 , C3039008    , C3039009    , C3039010    ,
```

```
                C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,

                                   *** NETWORK ID: UCART14  ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       472114.69               472164.69               472214.69
       472264.69               472314.69
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777124.5 |      0.05746 (13120724)      0.04971 (13120724)      0.04902
(13120724)      0.04721 (13120724)      0.04629 (13120724)
 3777074.5 |      0.05911 (13120724)      0.05270 (13120724)      0.05044
(13120724)      0.04882 (13120724)      0.04754 (13120724)
 3777024.5 |      0.06180 (13120724)      0.05469 (13120724)      0.05317
(13120724)      0.05097 (13120724)      0.04910 (13120724)
 3776974.5 |      0.06173 (13120724)      0.05650 (13120724)      0.05508
(13120724)      0.05255 (13120724)      0.05040 (13120724)
 3776924.5 |      0.06288 (13120724)      0.05874 (13120724)      0.05702
(13120724)      0.05432 (13120724)      0.05190 (13120724)
 3776874.5 |      0.06510 (13120724)      0.05652 (13120724)      0.05372
(13120724)      0.05059 (13120724)      0.04914 (13120724)
 3776824.5 |      0.06762 (13120724)      0.05963 (13120724)      0.05544
(13120724)      0.05160 (13120724)      0.04849 (13120724)
 3776774.5 |      0.07059 (13120724)      0.06339 (13120724)      0.05801
(13120724)      0.05375 (13120724)      0.05009 (13120724)
 3776724.5 |      0.07666 (13120724)      0.06780 (13120724)      0.06084
(13120724)      0.05545 (13120724)      0.05182 (13120724)
 3776674.5 |      0.08354 (13120724)      0.07239 (13120724)      0.06359
(13120724)      0.05693 (13120724)      0.05182 (13120724)
 3776624.5 |      0.09352 (16011524)      0.07789c(12121724)      0.06700
(13120724)      0.05931 (13120724)      0.05359 (13120724)
 3776574.5 |      0.10653 (16011524)      0.08579 (16011524)
0.07205c(12121724)      0.06212c(12121724)      0.05497 (13120724)
 3776524.5 |      0.12139 (16011524)      0.09472 (16011524)
0.07781c(12121724)      0.06632c(12121724)      0.05770c(12121724)
 3776474.5 |      0.13801 (16011524)      0.10409 (16011524)
0.08360c(12121724)      0.07049c(12121724)      0.06090c(12121724)
 3776424.5 |      0.15643 (16011524)      0.11329 (16011524)
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0.08925c(12121724)      0.07450c(12121724)      0.06388c(12121724)
* *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 377
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     C3039006    , C3039007
 , C3039008    , C3039009    , C3039010    ,
                C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,

                                   *** NETWORK ID: UCART14  ;  NETWORK TYPE:
GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       472364.69              472414.69              472464.69
       472514.69              472564.69
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777124.5 |      0.04463 (13120724)      0.04267 (13120724)      0.04040
(13120724)      0.03795 (13120724)      0.03558 (13120724)
 3777074.5 |      0.04557 (13120724)      0.04352 (13120724)      0.04120
(13120724)      0.03871 (13120724)      0.03616 (13120724)
 3777024.5 |      0.04705 (13120724)      0.04472 (13120724)      0.04200
(13120724)      0.03927 (13120724)      0.03664 (13120724)
 3776974.5 |      0.04839 (13120724)      0.04555 (13120724)      0.04247
(13120724)      0.03880 (13120724)      0.03638 (13120724)
 3776924.5 |      0.04926 (13120724)      0.04649 (13120724)      0.04278
(13120724)      0.03721 (13120724)      0.03558 (13120724)
 3776874.5 |      0.04609 (13120724)      0.04488 (13120724)      0.04048
(13120724)      0.03718 (13120724)      0.03538 (13120724)
 3776824.5 |      0.04559 (13120724)      0.04320 (13120724)      0.04004
(13120724)      0.03703 (13120724)      0.03513 (13120724)
 3776774.5 |      0.04678 (13120724)      0.04366 (13120724)      0.04080
(13120724)      0.03800 (13120724)      0.03578 (13120724)
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 3776724.5 |      0.04824 (13120724)      0.04480 (13120724)      0.04144
(13120724)      0.03879 (13120724)      0.03643 (13120724)
 3776674.5 |      0.04730 (13120724)      0.04350 (13120724)      0.04026
(13120724)      0.03907 (13120724)      0.03664 (13120724)
 3776624.5 |      0.04846 (13120724)      0.04440 (13120724)      0.04099
(13120724)      0.03855 (13120724)      0.03611 (13120724)
 3776574.5 |      0.04952 (13120724)      0.04520 (13120724)      0.04147
(13120724)      0.03932 (13120724)      0.03679 (13120724)
 3776524.5 |      0.05101c(12121724)      0.04563c(12121724)
0.04118c(12121724)      0.03852 (15122124)      0.03655 (15122124)
 3776474.5 |      0.05355c(12121724)      0.04768c(12121724)
0.04290c(12121724)      0.03923 (15122124)      0.03697 (15122124)
 3776424.5 |      0.05590c(12121724)      0.04958c(12121724)
0.04449c(12121724)      0.04019c(12121724)      0.03759 (15122124)
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 378
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     C3039006    , C3039007
 , C3039008    , C3039009    , C3039010    ,
                C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,

                                   *** NETWORK ID: UCART15  ;  NETWORK TYPE:
GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       472138.17              472188.17              472238.17
       472288.17              472338.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3775714.7 |      0.19535 (16011524)      0.13412 (16011524)
0.10460c(12121724)      0.08598c(12121724)      0.07265c(12121724)
 3775664.7 |      0.19669 (16011524)      0.14095 (16011524)
```

0.11552c(12121724) 0.08783c(12121724) 0.07322c(12121724)
3775614.7 | 0.18034 (16011524) 0.13154c(12121724)
0.11604c(12121724) 0.08902c(12121724) 0.07346c(12121724)
3775564.7 | 0.17097 (16011524) 0.12769c(12121724)
0.11358c(12121724) 0.08849c(12121724) 0.07330c(12121724)
3775514.7 | 0.16751 (16011524) 0.12566c(12121724)
0.11251c(12121724) 0.08813c(12121724) 0.07310c(12121724)
3775464.7 | 0.16746 (16011524) 0.12562c(12121724)
0.11240c(12121724) 0.08816c(12121724) 0.07320c(12121724)
3775414.7 | 0.16944 (16011524) 0.12678c(12121724)
0.11249c(12121724) 0.08827c(12121724) 0.07314c(12121724)
3775364.7 | 0.17202 (16011524) 0.12727c(12121724)
0.11236c(12121724) 0.08816c(12121724) 0.07294c(12121724)
3775314.7 | 0.17634 (16011524) 0.12844 (16011524)
0.11230c(12121724) 0.08811c(12121724) 0.07282c(12121724)
3775264.7 | 0.18257 (16011524) 0.12984 (16011524)
0.11248c(12121724) 0.08807c(12121724) 0.07259c(12121724)
3775214.7 | 0.18496 (16011524) 0.13034 (16011524)
0.11249c(12121724) 0.08786c(12121724) 0.07224c(12121724)
3775164.7 | 0.18271 (16011524) 0.12987 (16011524)
0.11163c(12121724) 0.08719c(12121724) 0.07157c(12121724)
3775114.7 | 0.18008 (16011524) 0.12926 (16011524)
0.11060c(12121724) 0.08627c(12121724) 0.07075c(12121724)
3775064.7 | 0.18214 (16011524) 0.13208 (16011524) 0.11124
(16011524) 0.08506c(12121724) 0.06981c(12121724)
3775014.7 | 0.18163 (16011524) 0.13097 (16011524)
0.10325c(12121724) 0.08214c(12121724) 0.06846c(12121724)
3774964.7 | 0.17291 (16011524) 0.12319 (16011524)
0.09603c(12121724) 0.07907c(12121724) 0.06685c(12121724)
3774914.7 | 0.16942 (16011524) 0.12062 (16011524)
0.09361c(12121724) 0.07713c(12121724) 0.06546c(12121724)
3774864.7 | 0.16766 (16011524) 0.11860 (16011524)
0.09177c(12121724) 0.07558c(12121724) 0.06416c(12121724)
3774814.7 | 0.16578 (16011524) 0.11626 (16011524)
0.09024c(12121724) 0.07413c(12121724) 0.06291c(12121724)
3774764.7 | 0.16176 (16011524) 0.11410 (11111824)
0.08851c(12121724) 0.07259c(12121724) 0.06159c(12121724)
3774714.7 | 0.15812 (16011524) 0.11193 (11111824)
0.08600c(12121724) 0.07063c(12121724) 0.05992c(12121724)
3774664.7 | 0.15533 (11111824) 0.10735 (11111824)
0.08313c(12121724) 0.06829c(12121724) 0.05802c(12121724)
3774614.7 | 0.14694 (11111824) 0.10223c(12121724)
0.07975c(12121724) 0.06561c(12121724) 0.05582c(12121724)
3774564.7 | 0.13417c(12121724) 0.09632c(12121724)
0.07555c(12121724) 0.06246c(12121724) 0.05333c(12121724)
3774514.7 | 0.12141c(12121724) 0.08898c(12121724)
0.07048c(12121724) 0.05867c(12121724) 0.05036c(12121724)
3774464.7 | 0.10859c(12121724) 0.08040c(12121724)

```
0.06432c(12121724)      0.05408c(12121724)      0.04681c(12121724)
 3774414.7 |      0.08746c(12121724)      0.06819c(12121724)
0.05640c(12121724)      0.04846c(12121724)      0.04263c(12121724)
 3774364.7 |      0.06563c(12121724)      0.05547c(12121724)
0.04810c(12121724)      0.04261c(12121724)      0.03829c(12121724)
 3774314.7 |      0.05187 (11012124)      0.04548c(12121724)
0.04109c(12121724)      0.03739c(12121724)      0.03425c(12121724)
 3774264.7 |      0.04428 (11012124)      0.03920m(15010924)
0.03543c(12121724)      0.03301c(12121724)      0.03077c(12121724)
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                  PAGE 379
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     C3039006    , C3039007
 , C3039008    , C3039009    , C3039010    ,
                C3039011    , C3039012    , C3039013    , C3039014    , C3039015
 , C3039016    , C3039017    , C3039018    ,
                C3039019    , C3039020    , C3039021    , C3039022    , C3039023
 , C3039024    , C3039025    , C3039026    ,
                C3039027    , C3039028    , C3039029    , C3039030    , C3039031
 , C3039032    , C3039033    ,  . . .      ,

                                  *** NETWORK ID: UCART16  ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       472255.22              472305.22              472355.22
       472405.22              472455.22
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776236.9 |      0.08805c(12121724)      0.07389c(12121724)
0.06372c(12121724)      0.05597c(12121724)      0.04982c(12121724)
 3776186.9 |      0.08943c(12121724)      0.07498c(12121724)
0.06463c(12121724)      0.05672c(12121724)      0.05053c(12121724)
 3776136.9 |      0.09034c(12121724)      0.07578c(12121724)
0.06534c(12121724)      0.05736c(12121724)      0.05107c(12121724)
 3776086.9 |      0.09120c(12121724)      0.07653c(12121724)
0.06594c(12121724)      0.05785c(12121724)      0.05152c(12121724)
```

```
 3776036.9 |      0.09237c(12121724)      0.07734c(12121724)
0.06652c(12121724)      0.05835c(12121724)      0.05191c(12121724)
 3775986.9 |      0.09356c(12121724)      0.07807c(12121724)
0.06703c(12121724)      0.05873c(12121724)      0.05228c(12121724)
 3775936.9 |      0.09433c(12121724)      0.07865c(12121724)
0.06745c(12121724)      0.05903c(12121724)      0.05250c(12121724)
 3775886.9 |      0.09491c(12121724)      0.07910c(12121724)
0.06782c(12121724)      0.05938c(12121724)      0.05263c(12121724)
↑ *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:28:17

                                  PAGE 380
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                  *** THE SUMMARY OF MAXIMUM ANNUAL RESULTS
AVERAGED OVER   5 YEARS ***


                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                **


                         NETWORK
GROUP ID                       AVERAGE CONC                RECEPTOR  (XR, YR,
ZELEV, ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -

BNSFCONS  1ST HIGHEST VALUE IS       0.35022 AT (  472023.42,  3774752.42,
333.60,   333.60,    0.00)  GC  UCART1
          2ND HIGHEST VALUE IS       0.30136 AT (  472023.42,  3774552.42,
332.30,   332.30,    0.00)  GC  UCART1
          3RD HIGHEST VALUE IS       0.30131 AT (  472023.42,  3774502.42,
331.80,   331.80,    0.00)  GC  UCART1
          4TH HIGHEST VALUE IS       0.29037 AT (  472023.42,  3775052.42,
337.00,   342.30,    0.00)  GC  UCART1
          5TH HIGHEST VALUE IS       0.28802 AT (  472006.60,  3776354.71,
347.00,   347.00,    0.00)  GC  UCART3
          6TH HIGHEST VALUE IS       0.28757 AT (  472006.60,  3776404.71,
345.10,   352.00,    0.00)  GC  UCART3
          7TH HIGHEST VALUE IS       0.28654 AT (  472023.42,  3775252.42,
338.10,   338.10,    0.00)  GC  UCART1
          8TH HIGHEST VALUE IS       0.28530 AT (  472014.54,  3776102.75,
346.00,   346.00,    0.00)  GC  UCART2
          9TH HIGHEST VALUE IS       0.27730 AT (  472023.42,  3774702.42,
333.30,   333.30,    0.00)  GC  UCART1
```

```
         10TH HIGHEST VALUE IS       0.26750 AT (  472023.42,  3775102.42,
336.80,   336.80,    0.00)  GC  UCART1

ALL       1ST HIGHEST VALUE IS       0.35166 AT (  472023.42,  3774752.42,
333.60,   333.60,    0.00)  GC  UCART1
          2ND HIGHEST VALUE IS       0.30277 AT (  472023.42,  3774502.42,
331.80,   331.80,    0.00)  GC  UCART1
          3RD HIGHEST VALUE IS       0.30273 AT (  472023.42,  3774552.42,
332.30,   332.30,    0.00)  GC  UCART1
          4TH HIGHEST VALUE IS       0.29664 AT (  472023.42,  3775052.42,
337.00,   342.30,    0.00)  GC  UCART1
          5TH HIGHEST VALUE IS       0.28822 AT (  472006.60,  3776354.71,
347.00,   347.00,    0.00)  GC  UCART3
          6TH HIGHEST VALUE IS       0.28774 AT (  472006.60,  3776404.71,
345.10,   352.00,    0.00)  GC  UCART3
          7TH HIGHEST VALUE IS       0.28717 AT (  472023.42,  3775252.42,
338.10,   338.10,    0.00)  GC  UCART1
          8TH HIGHEST VALUE IS       0.28654 AT (  472014.54,  3776102.75,
346.00,   346.00,    0.00)  GC  UCART2
          9TH HIGHEST VALUE IS       0.27871 AT (  472023.42,  3774702.42,
333.30,   333.30,    0.00)  GC  UCART1
         10TH HIGHEST VALUE IS       0.26938 AT (  472023.42,  3775102.42,
336.80,   336.80,    0.00)  GC  UCART1


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION  19191 ***   *** Ono Construction PM exhaust
                          ***        06/24/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        20:28:17

                                   PAGE 381
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                 *** THE SUMMARY OF HIGHEST 24-HR
RESULTS ***


                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                **

                                                        DATE
                                             NETWORK
GROUP ID                           AVERAGE CONC     (YYMMDDHH)             RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
```

- - - -

```
 MX W438   11536        METQA: Convective Velocity Data Out-of-Range.  KURDAT =
  12042516
 MX W420   16779        METQA: Wind Speed Out-of-Range.   KURDAT =
  12113003
 MX W450   26305       CHKDAT: Record Out of Sequence in Meteorological File at:
  15010101
 MX W450   26305       CHKDAT: Record Out of Sequence in Meteorological File at:
1 year gap

    ************************************
    *** AERMOD Finishes Successfully ***
    ************************************
```

```
**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.9.0
** Lakes Environmental Software Inc.
** Date: 1/5/2021
** File: C:\Lakes\AERMOD View\BNSF Ono\BNSF Ono_Existing\BNSF Ono_Existing.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE Existing Idling
   MODELOPT DFAULT CONC
   AVERTIME 1 24 ANNUAL
   URBANOPT 216995
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL "BNSF Ono_Existing.err"
CO FINISHED
**
****************************************
** AERMOD Source Pathway
****************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION STCK1        POINT      472034.826  3774598.893      332.370
** DESCRSRC Idle
   LOCATION STCK2        POINT      472046.160  3776025.910      344.630
** DESCRSRC Idle2
** Source Parameters **
   SRCPARAM STCK1          0.00094     4.880   351.000   3.73000     0.600

   SRCPARAM STCK2          0.00094     4.880   351.000   3.73000     0.600

   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
```

```
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
   INCLUDED "BNSF Ono_Existing.rou"
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
** Surface File Path: C:\Lakes\AERMOD View\BNSF Ono\BNSF
Ono_Existing\FontanaADJU\FONT_V9_ADJU\
   SURFFILE FontanaADJU\FONT_V9_ADJU\FONT_v9.SFC
** Profile File Path: C:\Lakes\AERMOD View\BNSF Ono\BNSF
Ono_Existing\FontanaADJU\FONT_V9_ADJU\
   PROFFILE FontanaADJU\FONT_V9_ADJU\FONT_v9.PFL
   SURFDATA 3102 2011
   UAIRDATA 3190 2011
   SITEDATA 99999 2011
   PROFBASE 367.0 METERS
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "C:\Lakes\AERMOD View\BNSF Ono\BNSF Ono_Existing\BNSF
ONO_EXISTING.AD\01H1GALL.PLT" 31
   PLOTFILE 24 ALL 1ST "C:\Lakes\AERMOD View\BNSF Ono\BNSF Ono_Existing\BNSF
ONO_EXISTING.AD\24H1GALL.PLT" 32
   PLOTFILE ANNUAL ALL "C:\Lakes\AERMOD View\BNSF Ono\BNSF Ono_Existing\BNSF
ONO_EXISTING.AD\AN00GALL.PLT" 33
   SUMMFILE "C:\Lakes\AERMOD View\BNSF Ono\BNSF Ono_Existing\BNSF Ono_Existing.sum"
OU FINISHED
**
****************************************
** Project Parameters
```

```
****************************************
** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS    m
** ZONE     11
** ZONEINX  0
**
```

```
**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.9.0
** Lakes Environmental Software Inc.
** Date: 1/5/2021
** File: C:\Lakes\AERMOD View\BNSF Ono\BNSF Ono_Existing\BNSF Ono_Existing.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE Existing Idling
   MODELOPT DFAULT CONC
   AVERTIME 1 24 ANNUAL
   URBANOPT 216995
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL "BNSF Ono_Existing.err"
CO FINISHED
**
****************************************
** AERMOD Source Pathway
****************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION STCK1        POINT      472034.826  3774598.893      332.370
** DESCRSRC Idle
   LOCATION STCK2        POINT      472046.160  3776025.910      344.630
** DESCRSRC Idle2
** Source Parameters **
   SRCPARAM STCK1          0.00094     4.880   351.000   3.73000     0.600
   SRCPARAM STCK2          0.00094     4.880   351.000   3.73000     0.600
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
****************************************
** AERMOD Receptor Pathway
```

```
****************************************
**
**
RE STARTING
   INCLUDED "BNSF Ono_Existing.rou"
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
   SURFFILE FontanaADJU\FONT_V9_ADJU\FONT_v9.SFC
   PROFFILE FontanaADJU\FONT_V9_ADJU\FONT_v9.PFL
   SURFDATA 3102 2011
   UAIRDATA 3190 2011
   SITEDATA 99999 2011
   PROFBASE 367.0 METERS
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "BNSF ONO_EXISTING.AD\01H1GALL.PLT" 31
   PLOTFILE 24 ALL 1ST "BNSF ONO_EXISTING.AD\24H1GALL.PLT" 32
   PLOTFILE ANNUAL ALL "BNSF ONO_EXISTING.AD\AN00GALL.PLT" 33
   SUMMFILE "BNSF Ono_Existing.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
```

```
               ***  NONE  ***


   ********   WARNING MESSAGES   ********
 ME W186      68       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187      68       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

 *** AERMOD - VERSION  19191 ***   *** Existing Idling
                          ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:36:46

                                  PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                            ***     MODEL SETUP OPTIONS SUMMARY
  ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -

 **Model Is Setup For Calculation of Average CONCentration Values.

   --  DEPOSITION LOGIC  --
 **NO GAS DEPOSITION Data Provided.
 **NO PARTICLE DEPOSITION Data Provided.
 **Model Uses NO DRY DEPLETION.  DRYDPLT  =  F
 **Model Uses NO WET DEPLETION.  WETDPLT  =  F

 **Model Uses URBAN Dispersion Algorithm for the SBL for     2 Source(s),
   for Total of    1 Urban Area(s):
   Urban Population =    216995.0 ;  Urban Roughness Length =  1.000 m

 **Model Uses Regulatory DEFAULT Options:
        1. Stack-tip Downwash.
        2. Model Accounts for ELEVated Terrain Effects.
        3. Use Calms Processing Routine.
        4. Use Missing Data Processing Routine.
        5. No Exponential Decay.
        6. Urban Roughness Length of 1.0 Meter Assumed.

 **Other Options Specified:
        ADJ_U*   - Use ADJ_U* option for SBL in AERMET
```

```
        TEMP_Sub - Meteorological data includes TEMP substitutions

 **Model Assumes No FLAGPOLE Receptor Heights.

 **The User Specified a Pollutant Type of:  PM_10

 **Model Calculates  2 Short Term Average(s) of:   1-HR  24-HR
     and Calculates ANNUAL Averages

 **This Run Includes:      2 Source(s);       1 Source Group(s); and    1037
Receptor(s)

                with:      2 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:      0 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with      0 line(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
          Model Outputs Tables of ANNUAL Averages by Receptor
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
          Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing
Hours
                                                                 b for Both Calm
and Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   367.00 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC                                ;
Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.7 MB of RAM.
```

```
 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   BNSF Ono_Existing.err

 **File for Summary of Results:   BNSF Ono_Existing.sum

 *** AERMOD - VERSION  19191 ***   *** Existing Idling
                         ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:36:46

                                  PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                 *** POINT SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE     STACK   STACK
STACK     STACK    BLDG   URBAN  CAP/  EMIS RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.    HEIGHT  TEMP.
EXIT VEL. DIAMETER  EXISTS SOURCE HOR   SCALAR
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (DEG.K)
(M/SEC)  (METERS)                     VARY BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 STCK1            0   0.94000E-03  472034.8 3774598.9   332.4     4.88   351.00
3.73     0.60    NO      YES   NO
 STCK2            0   0.94000E-03  472046.2 3776025.9   344.6     4.88   351.00
3.73     0.60    NO      YES   NO
 *** AERMOD - VERSION  19191 ***   *** Existing Idling
                         ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:36:46

                                  PAGE   3
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** SOURCE IDs DEFINING SOURCE GROUPS
***

 SRCGROUP ID                                                 SOURCE IDs
 -----------                                                 ----------
```

```
  ALL        STCK1       , STCK2       ,
↑ *** AERMOD - VERSION  19191 ***   *** Existing Idling
                          ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:36:46

                                  PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP                                     SOURCE IDs
  --------   ---------                                     ----------


               216995.   STCK1       , STCK2       ,
↑ *** AERMOD - VERSION  19191 ***   *** Existing Idling
                          ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:36:46

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                       *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE:
GRIDCART ***

                                        *** X-COORDINATES OF GRID ***
                                                  (METERS)

       471773.4,  471823.4,  471873.4,  471923.4,  471973.4,  472023.4,

                                        *** Y-COORDINATES OF GRID ***
                                                  (METERS)

      3774152.4, 3774202.4, 3774252.4, 3774302.4, 3774352.4, 3774402.4, 3774452.4,
3774502.4, 3774552.4, 3774602.4,
      3774652.4, 3774702.4, 3774752.4, 3774802.4, 3774852.4, 3774902.4, 3774952.4,
3775002.4, 3775052.4, 3775102.4,
      3775152.4, 3775202.4, 3775252.4, 3775302.4, 3775352.4, 3775402.4, 3775452.4,
3775502.4, 3775552.4, 3775602.4,
      3775652.4, 3775702.4, 3775752.4, 3775802.4, 3775852.4, 3775902.4, 3775952.4,
```

3776002.4, 3776052.4, 3776102.4,

*** AERMOD - VERSION 19191 *** *** Existing Idling
*** 01/05/21
*** AERMET - VERSION 16216 *** ***
*** 10:36:46

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE:
GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471773.42	471823.42	471873.42	471923.42	471973.42	472023.42
3776102.42	348.00	347.60	347.10	346.60	346.10	345.90
3776052.42	347.60	347.30	346.90	346.40	346.00	345.60
3776002.42	347.10	346.90	346.60	346.30	345.70	345.20
3775952.42	346.50	346.30	346.10	345.70	345.30	344.90
3775902.42	346.20	345.90	345.60	345.40	345.20	344.60
3775852.42	345.70	345.40	345.10	344.80	344.70	344.40
3775802.42	345.30	345.00	344.60	344.30	344.20	344.00
3775752.42	344.80	344.50	344.10	343.80	343.60	343.40
3775702.42	344.40	344.10	343.70	343.40	343.10	342.90
3775652.42	343.90	344.10	344.90	346.50	348.50	345.10
3775602.42	343.50	343.30	343.00	342.90	343.10	342.30
3775552.42	342.90	342.60	342.10	341.80	341.50	341.20
3775502.42	342.40	342.10	341.80	341.50	341.10	340.90
3775452.42	341.80	341.50	341.20	340.90	340.50	

3775402.42	341.40	341.20	340.90	340.60	340.20
3775352.42	340.80	340.60	340.20	339.90	339.60
3775302.42	340.30	340.00	339.70	339.50	339.10
3775252.42	339.70	339.30	339.00	338.80	338.50
3775202.42	339.30	338.80	338.60	338.30	338.00
3775152.42	338.80	338.40	338.10	337.80	337.40
3775102.42	338.40	338.00	337.60	337.50	337.00
3775052.42	337.90	337.40	337.20	337.50	338.00
3775002.42	337.60	337.10	336.90	337.20	338.50
3774952.42	337.20	336.80	336.50	336.00	335.60
3774902.42	336.90	336.40	336.10	335.50	335.20
3774852.42	336.60	336.10	335.70	335.10	334.70
3774802.42	336.20	335.70	335.30	334.70	334.30
3774752.42	335.90	335.40	335.10	334.50	334.10
3774702.42	335.50	335.10	334.90	334.30	333.90
3774652.42	335.10	334.70	334.40	334.00	333.70
3774602.42	334.60	334.10	333.90	333.50	333.20
3774552.42	334.30	333.80	333.60	333.10	332.90
3774502.42	333.80	333.30	332.90	332.50	332.30
3774452.42	333.50	332.90	332.50	331.90	331.80
3774402.42	332.80	332.40	331.90	331.50	331.20
3774352.42	332.30	331.90	331.60	331.10	330.70
3774302.42	331.70	331.30	331.00	330.60	330.20
3774252.42	331.40	330.80	331.50	332.00	330.90

```
   329.40
  3774202.42 |        330.70       330.70       332.80       336.00       334.40
   329.00
  3774152.42 |        330.70       330.40       330.20       330.70       330.20
   328.80
↑ *** AERMOD - VERSION  19191 ***   *** Existing Idling
                          ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                         ***        10:36:46

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                  *** NETWORK ID: UCART1   ;  NETWORK TYPE:
GRIDCART ***

                                                * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471773.42    471823.42    471873.42    471923.42    471973.42
472023.42
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3776102.42 |        348.00       347.60       347.10       346.60       346.10
   345.90
  3776052.42 |        347.60       347.30       346.90       346.40       346.00
   345.60
  3776002.42 |        347.10       346.90       346.60       346.30       345.70
   345.20
  3775952.42 |        346.50       346.30       346.10       345.70       345.30
   344.90
  3775902.42 |        346.20       345.90       345.60       345.40       345.20
   344.60
  3775852.42 |        345.70       345.40       345.10       344.80       344.70
   344.40
  3775802.42 |        345.30       345.00       344.60       344.30       344.20
   344.00
  3775752.42 |        344.80       344.50       344.10       343.80       343.60
   343.40
  3775702.42 |        344.40       344.10       343.70       343.40       350.60
   350.60
  3775652.42 |        343.90       344.10       344.90       348.60       350.60
   350.60
  3775602.42 |        343.50       343.30       343.00       350.60       350.60
   350.60
  3775552.42 |        342.90       342.60       342.10       341.80       350.60
   341.20
```

3775502.42	342.40	342.10	341.80	341.50	341.10
340.90					
3775452.42	341.80	341.50	341.20	340.90	340.50
340.30					
3775402.42	341.40	341.20	340.90	340.60	340.20
339.70					
3775352.42	340.80	340.60	340.20	339.90	339.60
339.10					
3775302.42	340.30	340.00	339.70	339.50	339.10
338.60					
3775252.42	339.70	339.30	339.00	338.80	338.50
338.10					
3775202.42	339.30	338.80	338.60	338.30	338.00
337.70					
3775152.42	338.80	338.40	338.10	337.80	337.40
337.20					
3775102.42	338.40	338.00	337.60	337.50	337.00
336.80					
3775052.42	337.90	337.40	337.20	337.50	342.30
342.30					
3775002.42	337.60	337.10	336.90	337.20	342.30
342.30					
3774952.42	337.20	336.80	336.50	336.00	335.60
335.40					
3774902.42	336.90	336.40	336.10	335.50	335.20
334.80					
3774852.42	336.60	336.10	335.70	335.10	334.70
334.30					
3774802.42	336.20	335.70	335.30	334.70	334.30
334.00					
3774752.42	335.90	335.40	335.10	334.50	334.10
333.60					
3774702.42	335.50	335.10	334.90	334.30	333.90
333.30					
3774652.42	335.10	334.70	334.40	334.00	333.70
333.10					
3774602.42	334.60	334.10	333.90	333.50	333.20
332.60					
3774552.42	334.30	333.80	333.60	333.10	332.90
332.30					
3774502.42	333.80	333.30	332.90	332.50	332.30
331.80					
3774452.42	333.50	332.90	332.50	331.90	331.80
331.40					
3774402.42	332.80	332.40	331.90	331.50	331.20
330.90					
3774352.42	332.30	331.90	331.60	331.10	330.70
330.40					

```
  3774302.42 |        331.70       331.30       331.00       330.60       330.20
   329.90
  3774252.42 |        331.40       330.80       331.50       336.80       337.30
   336.80
  3774202.42 |        330.70       330.70       332.80       336.00       337.30
   337.30
  3774152.42 |        330.70       330.40       330.20       337.30       337.30
   337.30
*** AERMOD - VERSION  19191 ***   *** Existing Idling
                         ***       01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***       10:36:46

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                      *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                 *** NETWORK ID: UCART2   ;  NETWORK TYPE:
GRIDCART ***

                                        *** X-COORDINATES OF GRID ***
                                                  (METERS)

       471764.5,  471814.5,  471864.5,  471914.5,  471964.5,  472014.5,

                                        *** Y-COORDINATES OF GRID ***
                                                  (METERS)

      3776102.8, 3776152.8, 3776202.8, 3776252.8, 3776302.8,
*** AERMOD - VERSION  19191 ***   *** Existing Idling
                         ***       01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***       10:36:46

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                 *** NETWORK ID: UCART2   ;  NETWORK TYPE:
GRIDCART ***

                                            * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     471764.54    471814.54    471864.54    471914.54    471964.54
472014.54
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
```

```
  3776302.75 |        349.90       349.30       348.70       347.90       347.30
   347.30
  3776252.75 |        349.40       348.80       348.20       347.60       347.00
   346.90
  3776202.75 |        349.00       348.40       347.90       347.50       346.70
   346.50
  3776152.75 |        348.50       347.90       347.50       347.00       346.40
   346.20
  3776102.75 |        348.10       347.70       347.20       346.70       346.10
   346.00
*** AERMOD - VERSION  19191 ***   *** Existing Idling
                         ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:36:46

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** NETWORK ID: UCART2   ;  NETWORK TYPE:
GRIDCART ***

                                            * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     471764.54    471814.54    471864.54    471914.54    471964.54
472014.54
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

  3776302.75 |        349.90       349.30       348.70       347.90       347.30
   347.30
  3776252.75 |        349.40       348.80       348.20       347.60       347.00
   346.90
  3776202.75 |        349.00       348.40       347.90       347.50       346.70
   346.50
  3776152.75 |        348.50       347.90       347.50       347.00       346.40
   346.20
  3776102.75 |        348.10       347.70       347.20       346.70       346.10
   346.00
*** AERMOD - VERSION  19191 ***   *** Existing Idling
                         ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:36:46

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

471756.6, 471806.6, 471856.6, 471906.6, 471956.6, 472006.6,

*** Y-COORDINATES OF GRID ***
(METERS)

3776304.7, 3776354.7, 3776404.7, 3776454.7, 3776504.7,

*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471756.60	471806.60	471856.60	471906.60	471956.60	472006.60
3776504.71	351.30	350.60	350.10	349.40	347.80	344.40
3776454.71	351.10	350.60	350.50	350.50	349.40	343.80
3776404.71	350.80	350.20	350.20	351.40	349.60	345.10
3776354.71	350.30	349.70	349.00	348.30	347.80	347.00
3776304.71	350.00	349.40	348.80	348.00	347.40	347.20

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471756.60	471806.60	471856.60	471906.60	471956.60	472006.60
3776504.71	351.30	350.60	350.10	349.40	349.50	353.50
3776454.71	351.10	350.60	350.50	350.50	349.40	352.00
3776404.71	350.80	350.20	350.20	352.50	352.00	352.00
3776354.71	350.30	349.70	349.00	348.30	347.80	347.00
3776304.71	350.00	349.40	348.80	348.00	347.40	347.20

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

471664.5, 471714.5, 471764.5, 471814.5, 471864.5, 471914.5,

*** Y-COORDINATES OF GRID ***
(METERS)

3776503.9, 3776553.9, 3776603.9, 3776653.9,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471664.52	471714.52	471764.52	471814.52	471864.52	471914.52
3776653.93	353.40	352.80	352.20	351.60	350.30	349.30
3776603.93	353.10	352.50	351.90	351.20	350.70	348.30
3776553.93	352.80	352.20	351.50	350.90	350.40	349.90
3776503.93	352.60	352.00	351.20	350.50	350.00	349.30

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471664.52	471714.52	471764.52	471814.52	471864.52	471914.52
3776653.93	353.40	352.80	352.20	351.60	350.30	349.30
3776603.93	353.10	352.50	351.90	351.20	350.70	348.30

```
  3776553.93 |        352.80       352.20       351.50       350.90       350.40
   349.90
  3776503.93 |        352.60       352.00       351.20       350.50       350.00
   349.30
*** AERMOD - VERSION  19191 ***   *** Existing Idling
                         ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:36:46

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                       *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                  *** NETWORK ID: UCART5   ;  NETWORK TYPE:
GRIDCART ***

                                         *** X-COORDINATES OF GRID ***
                                                   (METERS)

       471554.3,  471604.3,  471654.3,

                                         *** Y-COORDINATES OF GRID ***
                                                   (METERS)

      3776559.2, 3776609.2, 3776659.2, 3776709.2, 3776759.2,
*** AERMOD - VERSION  19191 ***   *** Existing Idling
                         ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:36:46

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                  *** NETWORK ID: UCART5   ;  NETWORK TYPE:
GRIDCART ***

                                             * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                             X-COORD (METERS)
    (METERS) |     471554.26    471604.26    471654.26
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

  3776759.20 |        355.30       354.70       354.20
  3776709.20 |        355.00       354.50       353.90
  3776659.20 |        354.70       354.10       353.60
  3776609.20 |        354.30       353.80       353.30
```

3776559.20 | 354.00 353.50 353.00

*** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471554.26	471604.26	471654.26
3776759.20	355.30	354.70	354.20
3776709.20	355.00	354.50	353.90
3776659.20	354.70	354.10	353.60
3776609.20	354.30	353.80	353.30
3776559.20	354.00	353.50	353.00

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

471343.7, 471393.7, 471443.7, 471493.7, 471543.7,

*** Y-COORDINATES OF GRID ***
(METERS)

3776572.8, 3776622.8, 3776672.8, 3776722.8, 3776772.8, 3776822.8, 3776872.8, 3776922.8,

*** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471343.73	471393.73	471443.73	471493.73	471543.73
3776922.78	358.80	358.10	357.30	357.00	356.40
3776872.78	358.30	357.70	356.90	358.10	358.40
3776822.78	358.00	357.40	356.70	357.50	357.40
3776772.78	357.70	357.10	356.50	356.10	356.00
3776722.78	357.50	356.90	356.30	355.70	355.20
3776672.78	357.50	356.70	356.10	355.50	354.90
3776622.78	356.90	356.40	355.90	355.10	354.50
3776572.78	356.50	355.90	355.50	354.80	354.20

*** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471343.73	471393.73	471443.73	471493.73	471543.73
3776922.78	358.80	358.10	357.30	357.00	356.40
3776872.78	358.30	357.70	356.90	359.50	360.40
3776822.78	358.00	357.40	356.70	360.10	360.50
3776772.78	357.70	357.10	356.50	356.10	356.00
3776722.78	357.50	356.90	356.30	355.70	355.20

```
  3776672.78 |        357.50       356.70       356.10       355.50       354.90
  3776622.78 |        356.90       356.40       355.90       355.10       354.50
  3776572.78 |        356.50       355.90       355.50       354.80       354.20
*** AERMOD - VERSION  19191 ***   *** Existing Idling
                         ***       01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***       10:36:46

                                 PAGE  23
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                     *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                 *** NETWORK ID: UCART7   ;  NETWORK TYPE:
GRIDCART ***

                                       *** X-COORDINATES OF GRID ***
                                                 (METERS)

       471137.3,  471187.3,  471237.3,  471287.3,  471337.3,

                                       *** Y-COORDINATES OF GRID ***
                                                 (METERS)

      3776755.9, 3776805.9, 3776855.9, 3776905.9, 3776955.9, 3777005.9,
*** AERMOD - VERSION  19191 ***   *** Existing Idling
                         ***       01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***       10:36:46

                                 PAGE  24
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                 *** NETWORK ID: UCART7   ;  NETWORK TYPE:
GRIDCART ***

                                            * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     471137.27    471187.27    471237.27    471287.27    471337.27
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

  3777005.91 |        361.50       360.80       360.10       359.60       358.90
  3776955.91 |        361.50       360.90       360.20       359.70       358.90
  3776905.91 |        361.30       360.60       359.80       359.30       358.70
  3776855.91 |        361.00       360.30       359.60       359.00       358.30
  3776805.91 |        360.70       360.10       359.30       358.70       358.00
```

```
  3776755.91 |        360.50       359.70       359.10       358.50       357.80
↑ *** AERMOD - VERSION  19191 ***   *** Existing Idling
                          ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***        10:36:46

                                   PAGE  25
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                 *** NETWORK ID: UCART7   ;  NETWORK TYPE:
GRIDCART ***

                                                * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471137.27    471187.27    471237.27    471287.27    471337.27
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

  3777005.91 |        361.50       360.80       360.10       359.60       358.90
  3776955.91 |        361.50       360.90       360.20       359.70       358.90
  3776905.91 |        361.30       360.60       359.80       359.30       358.70
  3776855.91 |        361.00       360.30       359.60       359.00       358.30
  3776805.91 |        360.70       360.10       359.30       358.70       358.00
  3776755.91 |        360.50       359.70       359.10       358.50       357.80
↑ *** AERMOD - VERSION  19191 ***   *** Existing Idling
                          ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***        10:36:46

                                   PAGE  26
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                       *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                 *** NETWORK ID: UCART8   ;  NETWORK TYPE:
GRIDCART ***

                                         *** X-COORDINATES OF GRID ***
                                                   (METERS)

       471025.8,  471075.8,  471125.8,  471175.8,  471225.8,  471275.8,

                                         *** Y-COORDINATES OF GRID ***
                                                   (METERS)

      3777013.8, 3777063.8, 3777113.8,
↑ *** AERMOD - VERSION  19191 ***   *** Existing Idling
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471025.84	471075.84	471125.84	471175.84	471225.84	471275.84
3777113.78	363.20	362.60	361.70	361.20	360.70	360.40
3777063.78	363.10	362.50	361.80	361.20	360.40	359.90
3777013.78	363.00	362.40	361.70	361.00	360.30	359.70

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471025.84	471075.84	471125.84	471175.84	471225.84	471275.84
3777113.78	363.20	362.60	361.70	361.20	360.70	360.40
3777063.78	363.10	362.50	361.80	361.20	360.40	359.90
3777013.78	363.00	362.40	361.70	361.00	360.30	

```
   359.70
↑ *** AERMOD - VERSION  19191 ***   *** Existing Idling
                          ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***        10:36:46

                                   PAGE  29
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                       *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                  *** NETWORK ID: UCART9   ;  NETWORK TYPE:
GRIDCART ***

                                         *** X-COORDINATES OF GRID ***
                                                   (METERS)

       471071.4,  471121.4,  471171.4,  471221.4,

                                         *** Y-COORDINATES OF GRID ***
                                                   (METERS)

      3777120.7, 3777170.7, 3777220.7,
↑ *** AERMOD - VERSION  19191 ***   *** Existing Idling
                          ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***        10:36:46

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                  *** NETWORK ID: UCART9   ;  NETWORK TYPE:
GRIDCART ***

                                             * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                             X-COORD (METERS)
    (METERS) |     471071.36    471121.36    471171.36    471221.36
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3777220.72 |        363.50       363.10       362.70       362.10
  3777170.72 |        363.00       362.60       361.80       361.50
  3777120.72 |        362.70       361.80       361.30       360.70
↑ *** AERMOD - VERSION  19191 ***   *** Existing Idling
                          ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***        10:36:46
```

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART9 ; NETWORK TYPE:
GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471071.36	471121.36	471171.36	471221.36
3777220.72	363.50	363.10	362.70	362.10
3777170.72	363.00	362.60	361.80	361.50
3777120.72	362.70	361.80	361.30	360.70

*** AERMOD - VERSION 19191 *** *** Existing Idling
*** 01/05/21
*** AERMET - VERSION 16216 *** ***
*** 10:36:46

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

470606.5, 470656.5, 470706.5, 470756.5, 470806.5, 470856.5, 470906.5,
470956.5, 471006.5, 471056.5,

*** Y-COORDINATES OF GRID ***
(METERS)

3777052.6, 3777102.6, 3777152.6, 3777202.6, 3777252.6,

*** AERMOD - VERSION 19191 *** *** Existing Idling
*** 01/05/21
*** AERMET - VERSION 16216 *** ***
*** 10:36:46

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

```
    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     470606.55    470656.55    470706.55    470756.55    470806.55
470856.55    470906.55    470956.55    471006.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

  3777252.65 |        369.40       368.60       367.70       367.30       367.00
   367.20       367.30       368.10       366.50
  3777202.65 |        369.10       368.10       367.40       366.80       366.10
   365.80       365.10       364.50       363.90
  3777152.65 |        368.40       367.50       366.90       366.30       365.80
   365.40       364.70       364.10       363.60
  3777102.65 |        368.30       367.30       366.90       366.30       365.60
   365.10       364.60       364.10       363.40
  3777052.65 |        367.90       367.10       366.80       366.20       365.50
   365.00       364.50       363.90       363.20
```


*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

```
    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471056.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

  3777252.65 |        364.40
  3777202.65 |        363.40
  3777152.65 |        363.10
  3777102.65 |        362.90
  3777052.65 |        362.80
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

```
    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     470606.55    470656.55    470706.55    470756.55    470806.55
470856.55    470906.55    470956.55    471006.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

  3777252.65 |        369.40       368.60       367.70       367.30       367.00
   367.20       370.30       371.80       371.60
  3777202.65 |        369.10       368.10       367.40       366.80       366.10
   365.80       365.10       364.50       363.90
  3777152.65 |        368.40       367.50       366.90       366.30       365.80
   365.40       364.70       364.10       363.60
  3777102.65 |        368.30       367.30       366.90       366.30       365.60
   365.10       364.60       364.10       363.40
  3777052.65 |        367.90       367.10       366.80       366.20       365.50
   365.00       364.50       363.90       363.20
```


*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

```
    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471056.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

  3777252.65 |        364.40
  3777202.65 |        363.40
  3777152.65 |        363.10
  3777102.65 |        362.90
```

3777052.65 | 362.80

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART11 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

470270.0, 470320.0, 470370.0, 470420.0,

*** Y-COORDINATES OF GRID ***
(METERS)

3777304.4, 3777354.4, 3777404.4, 3777454.4, 3777504.4, 3777554.4,

*** NETWORK ID: UCART11 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 470269.99	470319.99	470369.99	470419.99
3777554.36	376.20	375.30	374.70	374.10
3777504.36	375.80	375.10	374.30	373.60
3777454.36	375.30	374.70	373.80	373.10
3777404.36	374.80	374.00	373.30	372.50
3777354.36	374.10	373.50	372.80	372.00
3777304.36	373.60	373.00	372.30	371.70

*** NETWORK ID: UCART11 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 470269.99	470319.99	470369.99	470419.99
3777554.36	376.20	375.30	374.70	374.10
3777504.36	375.80	375.10	374.30	373.60
3777454.36	375.30	374.70	373.80	373.10
3777404.36	374.80	374.00	373.30	372.50
3777354.36	374.10	373.50	372.80	372.00
3777304.36	373.60	373.00	372.30	371.70

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART12 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

468710.7, 468760.7, 468810.7, 468860.7, 468910.7, 468960.7, 469010.7, 469060.7,

*** Y-COORDINATES OF GRID ***
(METERS)

3779313.0, 3779363.0, 3779413.0, 3779463.0, 3779513.0, 3779563.0, 3779613.0, 3779663.0,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART12 ; NETWORK TYPE:
GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

```
    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     468710.70    468760.70    468810.70    468860.70    468910.70
468960.70    469010.70    469060.70
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3779663.00 |        427.00       426.70       426.70       426.50       426.20
   425.90       425.70       425.70
  3779613.00 |        425.80       425.60       425.70       425.60       425.20
   424.70       424.50       424.60
  3779563.00 |        424.80       424.50       424.70       424.20       423.80
   423.50       423.20       423.50
  3779513.00 |        423.80       423.50       423.20       423.10       422.90
   422.40       422.20       422.40
  3779463.00 |        423.10       422.50       422.00       422.00       422.00
   421.50       421.10       421.10
  3779413.00 |        422.50       421.80       421.20       420.90       421.10
   420.70       419.60       419.60
  3779363.00 |        421.60       421.00       420.50       419.90       419.90
   419.60       418.70       418.50
  3779313.00 |        420.60       420.30       419.80       419.10       418.80
   418.50       417.90       417.40
```


*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART12 ; NETWORK TYPE:
GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

```
    Y-COORD  |                                                X-COORD (METERS)
```

```
    (METERS) |     468710.70    468760.70    468810.70    468860.70    468910.70
468960.70    469010.70    469060.70
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

  3779663.00 |        558.10       570.40       570.90       570.90       570.90
   570.90       570.90       570.90
  3779613.00 |        558.10       558.10       570.90       570.90       570.90
   570.90       570.90       570.90
  3779563.00 |        558.10       558.10       570.90       570.90       570.90
   570.90       570.90       570.90
  3779513.00 |        558.10       558.10       570.40       570.90       570.90
   570.90       570.90       570.90
  3779463.00 |        423.10       558.10       558.10       570.90       570.90
   570.90       570.90       570.90
  3779413.00 |        422.50       557.30       558.10       570.40       570.90
   570.90       570.90       570.90
  3779363.00 |        421.60       421.00       558.10       558.10       570.90
   570.90       570.90       570.90
  3779313.00 |        420.60       420.30       419.80       558.10       558.10
   570.90       570.90       570.90
```



```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                        *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                    *** NETWORK ID: UCART13  ;  NETWORK TYPE:
GRIDCART ***

                                          *** X-COORDINATES OF GRID ***
                                                    (METERS)

       471075.9,  471125.9,  471175.9,  471225.9,  471275.9,  471325.9,  471375.9,
471425.9,  471475.9,  471525.9,


                                          *** Y-COORDINATES OF GRID ***
                                                    (METERS)

      3777361.5, 3777411.5, 3777461.5, 3777511.5, 3777561.5, 3777611.5, 3777661.5,
3777711.5, 3777761.5, 3777811.5,
      3777861.5, 3777911.5,
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART13 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471075.86	471125.86	471175.86	471225.86	471275.86	471325.86	471375.86	471425.86	471475.86
3777911.53	373.10	372.90	372.10	371.10	370.20	369.40	368.60	367.90	367.20
3777861.53	372.30	372.20	371.70	371.00	370.10	369.10	368.10	367.50	366.70
3777811.53	371.60	371.50	371.20	370.70	370.00	368.90	367.80	366.90	366.30
3777761.53	370.80	370.80	370.50	370.10	369.40	368.60	367.40	366.50	365.90
3777711.53	369.90	369.60	369.30	369.00	368.60	368.00	366.90	366.20	365.40
3777661.53	369.20	368.90	368.40	368.10	367.80	367.30	366.40	365.50	364.90
3777611.53	368.50	368.20	367.70	367.20	366.90	366.50	365.80	364.90	364.30
3777561.53	367.70	367.40	367.00	366.60	366.10	365.70	365.00	364.30	363.60
3777511.53	366.90	366.50	366.10	365.70	365.20	364.80	364.00	363.70	363.30
3777461.53	366.30	365.80	365.40	365.00	364.50	364.00	363.30	362.90	362.90
3777411.53	365.80	365.20	364.70	364.20	363.70	363.20	362.60	362.00	361.80
3777361.53	364.70	364.40	363.80	364.20	363.30	362.50	362.00	361.30	360.90

*** NETWORK ID: UCART13 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471525.86
3777911.53	366.90
3777861.53	366.60
3777811.53	366.10
3777761.53	365.50
3777711.53	364.90
3777661.53	364.40
3777611.53	363.80
3777561.53	363.10
3777511.53	362.70
3777461.53	362.20
3777411.53	361.50
3777361.53	360.70

*** NETWORK ID: UCART13 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471075.86	471125.86	471175.86	471225.86	471275.86	471325.86	471375.86	471425.86	471475.86
3777911.53	575.10	575.10	575.10	575.10	575.10	575.10	575.10	575.10	575.10
3777861.53	575.10	575.10	575.10	575.10	575.10	575.10	575.10	575.10	575.10
3777811.53	532.20	532.20	532.20	532.20	532.20				

```
   532.40       532.40       532.40       532.40
  3777761.53 |        370.80       370.80       370.50       522.10       522.10
   530.00       530.00       532.20       530.00
  3777711.53 |        369.90       369.60       369.30       369.00       368.60
   368.00       522.10       522.10       522.10
  3777661.53 |        369.20       368.90       368.40       368.10       367.80
   367.30       366.40       365.50       364.90
  3777611.53 |        368.50       368.20       367.70       367.20       366.90
   366.50       365.80       364.90       364.30
  3777561.53 |        367.70       367.40       367.00       366.60       366.10
   365.70       365.00       364.30       363.60
  3777511.53 |        366.90       366.50       366.10       365.70       365.20
   364.80       364.00       363.70       363.30
  3777461.53 |        366.30       365.80       365.40       365.00       364.50
   364.00       363.30       362.90       362.90
  3777411.53 |        365.80       365.20       364.70       364.20       363.70
   363.20       362.60       362.00       361.80
  3777361.53 |        364.70       364.40       363.80       364.20       363.30
   362.50       362.00       361.30       360.90
↑ *** AERMOD - VERSION  19191 ***   *** Existing Idling
                          ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***        10:36:46

                                   PAGE  47
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                 *** NETWORK ID: UCART13  ;  NETWORK TYPE:
GRIDCART ***

                                                 * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471525.86
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

  3777911.53 |        575.10
  3777861.53 |        575.10
  3777811.53 |        532.40
  3777761.53 |        530.00
  3777711.53 |        522.10
  3777661.53 |        364.40
  3777611.53 |        363.80
  3777561.53 |        363.10
  3777511.53 |        362.70
  3777461.53 |        362.20
  3777411.53 |        361.50
```

3777361.53 | 360.70

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART14 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

472114.7, 472164.7, 472214.7, 472264.7, 472314.7, 472364.7, 472414.7, 472464.7, 472514.7, 472564.7,

*** Y-COORDINATES OF GRID ***
(METERS)

3776424.5, 3776474.5, 3776524.5, 3776574.5, 3776624.5, 3776674.5, 3776724.5, 3776774.5, 3776824.5, 3776874.5,
3776924.5, 3776974.5, 3777024.5, 3777074.5, 3777124.5,

*** NETWORK ID: UCART14 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 472114.69	472164.69	472214.69	472264.69	472314.69	472364.69	472414.69	472464.69	472514.69
3777124.55	357.00	354.30	354.10	353.80	353.90	354.00	354.30	354.40	354.60

```
  3777074.55 |        356.10       354.00       353.50       353.20       353.30
   353.40       353.70       353.90       354.20
  3777024.55 |        355.30       353.50       353.10       352.80       352.80
   352.90       353.20       353.30       353.50
  3776974.55 |        354.00       352.70       352.50       352.20       352.20
   352.40       352.50       352.40       351.80
  3776924.55 |        352.80       351.90       351.90       351.70       351.80
   351.90       352.00       351.70       351.20
  3776874.55 |        351.80       350.80       350.90       350.90       351.10
   351.10       351.30       351.10       350.90
  3776824.55 |        351.20       350.20       350.20       350.20       350.50
   350.60       350.80       350.60       350.20
  3776774.55 |        350.70       349.60       349.50       349.60       349.90
   350.10       350.20       350.10       349.70
  3776724.55 |        350.40       349.40       349.10       349.10       349.50
   349.60       349.60       349.50       349.50
  3776674.55 |        350.00       349.10       348.80       348.60       348.90
   348.90       348.90       348.80       349.10
  3776624.55 |        349.60       348.70       348.40       348.20       348.50
   348.30       348.30       348.20       348.60
  3776574.55 |        349.00       348.00       347.90       347.70       347.80
   347.70       347.70       347.60       348.20
  3776524.55 |        348.50       347.50       347.30       347.20       347.20
   347.10       347.00       346.80       346.80
  3776474.55 |        348.40       347.40       347.10       346.70       346.60
   346.50       346.40       346.20       346.30
  3776424.55 |        347.80       348.30       346.90       346.30       346.20
   346.00       345.90       345.60       345.70
 *** AERMOD - VERSION  19191 ***   *** Existing Idling
                          ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***        10:36:46

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                 *** NETWORK ID: UCART14  ;  NETWORK TYPE:
GRIDCART ***

                                                 * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     472564.69
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3777124.55 |        354.90
  3777074.55 |        354.30
```

```
  3777024.55 |        353.60
  3776974.55 |        351.90
  3776924.55 |        351.30
  3776874.55 |        351.00
  3776824.55 |        350.30
  3776774.55 |        349.70
  3776724.55 |        349.50
  3776674.55 |        349.10
  3776624.55 |        348.60
  3776574.55 |        348.30
  3776524.55 |        347.00
  3776474.55 |        346.30
  3776424.55 |        345.80
*** AERMOD - VERSION  19191 ***   *** Existing Idling
                         ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:36:46

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                 *** NETWORK ID: UCART14  ;  NETWORK TYPE:
GRIDCART ***

                                                 * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                                 X-COORD (METERS)
    (METERS) |     472114.69    472164.69    472214.69    472264.69    472314.69
472364.69    472414.69    472464.69    472514.69
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3777124.55 |        357.00       354.30       354.10       353.80       353.90
   354.00       354.30       354.40       354.60
  3777074.55 |        356.10       354.00       353.50       353.20       353.30
   353.40       353.70       353.90       354.20
  3777024.55 |        355.30       353.50       353.10       352.80       352.80
   352.90       353.20       353.30       353.50
  3776974.55 |        354.00       352.70       352.50       352.20       352.20
   352.40       352.50       352.40       351.80
  3776924.55 |        352.80       351.90       351.90       351.70       351.80
   351.90       352.00       351.70       351.20
  3776874.55 |        354.00       350.80       350.90       350.90       351.10
   351.10       351.30       351.10       350.90
  3776824.55 |        351.20       350.20       350.20       350.20       350.50
   350.60       350.80       350.60       350.20
  3776774.55 |        353.00       349.60       349.50       349.60       349.90
   350.10       350.20       350.10       349.70
```

```
  3776724.55 |        350.40       349.40       349.10       349.10       349.50
   349.60       349.60       349.50       349.50
  3776674.55 |        350.00       349.10       348.80       348.60       348.90
   348.90       348.90       348.80       349.10
  3776624.55 |        349.60       348.70       348.40       348.20       348.50
   348.30       348.30       348.20       348.60
  3776574.55 |        349.00       348.00       347.90       347.70       347.80
   347.70       347.70       347.60       348.20
  3776524.55 |        348.50       347.50       347.30       347.20       347.20
   347.10       347.00       346.80       346.80
  3776474.55 |        348.40       347.40       347.10       346.70       346.60
   346.50       346.40       346.20       346.30
  3776424.55 |        347.80       348.30       346.90       346.30       346.20
   346.00       345.90       345.60       345.70
```



```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                  *** NETWORK ID: UCART14  ;  NETWORK TYPE:
GRIDCART ***

                                              * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     472564.69
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3777124.55 |        354.90
  3777074.55 |        354.30
  3777024.55 |        353.60
  3776974.55 |        351.90
  3776924.55 |        351.30
  3776874.55 |        351.00
  3776824.55 |        350.30
  3776774.55 |        349.70
  3776724.55 |        349.50
  3776674.55 |        349.10
  3776624.55 |        348.60
  3776574.55 |        348.30
  3776524.55 |        347.00
  3776474.55 |        346.30
  3776424.55 |        345.80
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART15 ; NETWORK TYPE:
GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

472138.2, 472188.2, 472238.2, 472288.2, 472338.2,

*** Y-COORDINATES OF GRID ***
(METERS)

3774264.7, 3774314.7, 3774364.7, 3774414.7, 3774464.7, 3774514.7, 3774564.7,
3774614.7, 3774664.7, 3774714.7,
3774764.7, 3774814.7, 3774864.7, 3774914.7, 3774964.7, 3775014.7, 3775064.7,
3775114.7, 3775164.7, 3775214.7,
3775264.7, 3775314.7, 3775364.7, 3775414.7, 3775464.7, 3775514.7, 3775564.7,
3775614.7, 3775664.7, 3775714.7,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART15 ; NETWORK TYPE:
GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 472138.17	472188.17	472238.17	472288.17	472338.17
3775714.69	340.60	342.10	341.50	341.20	340.50
3775664.69	342.20	344.00	341.50	340.80	340.10
3775614.69	342.00	342.70	340.80	340.30	339.80

3775564.69	341.10	340.80	339.80	339.80	339.50
3775514.69	340.20	339.90	339.20	339.20	339.00
3775464.69	339.30	339.20	338.70	338.80	338.60
3775414.69	338.60	338.50	338.20	338.20	338.00
3775364.69	338.00	338.00	337.70	337.70	337.60
3775314.69	337.60	337.50	337.20	337.10	337.00
3775264.69	337.20	337.00	336.60	336.50	336.50
3775214.69	336.80	336.80	336.30	336.00	335.90
3775164.69	336.30	336.30	335.70	335.50	335.20
3775114.69	335.70	335.60	335.10	335.00	334.60
3775064.69	335.50	335.40	334.50	334.20	333.90
3775014.69	336.20	335.40	334.10	333.80	333.30
3774964.69	334.10	333.90	333.50	333.30	332.70
3774914.69	333.40	333.60	333.10	332.70	332.30
3774864.69	333.10	333.20	332.60	332.20	331.70
3774814.69	332.80	332.70	332.10	331.60	331.20
3774764.69	332.60	332.50	331.90	331.40	331.20
3774714.69	332.20	332.00	331.50	331.20	330.80
3774664.69	331.90	331.70	331.10	330.80	330.50
3774614.69	331.50	331.20	330.70	330.40	330.00
3774564.69	331.20	330.90	330.40	330.20	329.80
3774514.69	330.70	330.60	330.00	329.80	329.30
3774464.69	329.80	330.40	329.70	329.50	328.90
3774414.69	329.80	330.10	329.40	329.00	328.50
3774364.69	330.10	329.60	328.90	328.60	328.20
3774314.69	331.10	328.80	328.30	327.90	327.40
3774264.69	332.70	329.30	327.90	327.50	327.00

*** NETWORK ID: UCART15 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 472138.17	472188.17	472238.17	472288.17	472338.17
3775714.69	340.60	342.10	341.50	341.20	340.50
3775664.69	345.50	344.00	341.50	340.80	340.10
3775614.69	342.00	346.00	340.80	340.30	339.80

3775564.69	341.10	343.40	339.80	339.80	339.50
3775514.69	340.20	339.90	339.20	339.20	339.00
3775464.69	339.30	339.20	338.70	338.80	338.60
3775414.69	338.60	338.50	338.20	338.20	338.00
3775364.69	338.00	338.00	337.70	337.70	337.60
3775314.69	337.60	337.50	337.20	337.10	337.00
3775264.69	337.20	337.00	336.60	336.50	336.50
3775214.69	336.80	336.80	336.30	336.00	335.90
3775164.69	336.30	336.30	335.70	335.50	335.20
3775114.69	335.70	335.60	335.10	335.00	334.60
3775064.69	335.50	335.40	334.50	334.20	333.90
3775014.69	336.20	335.40	334.10	333.80	333.30
3774964.69	334.10	333.90	333.50	333.30	332.70
3774914.69	333.40	333.60	333.10	332.70	332.30
3774864.69	333.10	333.20	332.60	332.20	331.70
3774814.69	332.80	332.70	332.10	331.60	331.20
3774764.69	332.60	332.50	331.90	331.40	331.20
3774714.69	332.20	332.00	331.50	331.20	330.80
3774664.69	331.90	331.70	331.10	330.80	330.50
3774614.69	331.50	331.20	330.70	330.40	330.00
3774564.69	331.20	330.90	330.40	330.20	329.80
3774514.69	330.70	330.60	330.00	329.80	329.30
3774464.69	329.80	330.40	329.70	329.50	328.90
3774414.69	329.80	330.10	329.40	329.00	328.50
3774364.69	330.10	329.60	328.90	328.60	328.20
3774314.69	331.10	328.80	328.30	327.90	327.40
3774264.69	332.70	331.90	327.90	327.50	327.00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART16 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

472255.2, 472305.2, 472355.2, 472405.2, 472455.2,

*** Y-COORDINATES OF GRID ***
(METERS)

3775886.9, 3775936.9, 3775986.9, 3776036.9, 3776086.9, 3776136.9, 3776186.9, 3776236.9,
*** AERMOD - VERSION 19191 *** *** Existing Idling
*** 01/05/21
*** AERMET - VERSION 16216 *** ***
*** 10:36:46

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART16 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 472255.22	472305.22	472355.22	472405.22	472455.22
3776236.95	344.90	344.70	344.30	344.10	343.90
3776186.95	344.60	344.50	343.90	343.90	343.50
3776136.95	344.20	344.20	343.50	343.40	343.00
3776086.95	343.90	343.70	343.10	342.80	342.40
3776036.95	343.60	343.20	342.70	342.30	341.90
3775986.95	343.30	342.90	342.50	342.00	341.40
3775936.95	343.10	342.50	342.20	341.70	341.00
3775886.95	342.60	342.20	341.70	341.30	340.50

*** AERMOD - VERSION 19191 *** *** Existing Idling
*** 01/05/21
*** AERMET - VERSION 16216 *** ***
*** 10:36:46

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART16 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 472255.22	472305.22	472355.22	472405.22	472455.22
3776236.95	344.90	344.70	344.30	344.10	343.90
3776186.95	344.60	344.50	343.90	343.90	343.50

```
  3776136.95 |        344.20       344.20       343.50       343.40       343.00
  3776086.95 |        343.90       343.70       343.10       342.80       342.40
  3776036.95 |        343.60       343.20       342.70       342.30       341.90
  3775986.95 |        343.30       342.90       342.50       342.00       341.40
  3775936.95 |        343.10       342.50       342.20       341.70       341.00
  3775886.95 |        342.60       342.20       341.70       341.30       340.50
```



```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***
                                                                (1=YES; 0=NO)

           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

```
                                     *** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED
CATEGORIES ***
                                                              (METERS/SEC)

                                                   1.54,   3.09,   5.14,   8.23,
10.80,
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                    *** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL
DATA ***

   Surface file:   FontanaADJU\FONT_V9_ADJU\FONT_v9.SFC
                  Met Version:  16216
   Profile file:   FontanaADJU\FONT_V9_ADJU\FONT_v9.PFL

   Surface format: FREE

   Profile format: FREE

   Surface station no.:     3102                  Upper air station no.:     3190
                  Name: UNKNOWN                                     Name: UNKNOWN

                  Year:   2011                                      Year:   2011

 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
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -
 11 01 01   1 01  -18.5  0.194 -9.000 -9.000 -999.  204.     41.2  0.25   2.82
1.00    1.80   69.    9.1  276.4    5.5
 11 01 01   1 02  -23.8  0.239 -9.000 -9.000 -999.  281.     63.0  0.25   2.82
1.00    2.20   52.    9.1  275.4    5.5
 11 01 01   1 03  -18.5  0.194 -9.000 -9.000 -999.  205.     41.2  0.25   2.82
1.00    1.80   32.    9.1  275.4    5.5
 11 01 01   1 04   -1.4  0.067 -9.000 -9.000 -999.   57.     18.3  0.25   2.82
1.00    0.40   27.    9.1  274.2    5.5
 11 01 01   1 05  -18.6  0.194 -9.000 -9.000 -999.  204.     41.2  0.25   2.82
1.00    1.80   51.    9.1  274.2    5.5
 11 01 01   1 06  -29.7  0.296 -9.000 -9.000 -999.  387.     96.6  0.25   2.82
1.00    2.70   53.    9.1  274.2    5.5
 11 01 01   1 07  -24.0  0.239 -9.000 -9.000 -999.  282.     63.0  0.25   2.82
1.00    2.20   70.    9.1  274.2    5.5
 11 01 01   1 08   -8.4  0.138 -9.000 -9.000 -999.  127.     27.3  0.25   2.82
0.54    1.30   72.    9.1  275.4    5.5
 11 01 01   1 09   44.3  0.280  0.571  0.005  147.  356.    -43.5  0.25   2.82
0.32    2.20   67.    9.1  277.5    5.5
 11 01 01   1 10  122.7  0.264  0.952  0.005  247.  326.    -13.2  0.25   2.82
0.25    1.80   83.    9.1  279.9    5.5
 11 01 01   1 11  179.8  0.316  1.733  0.005 1017.  426.    -15.4  0.25   2.82
0.22    2.20   58.    9.1  282.0    5.5
```

```
 11 01 01   1 12  206.0  0.320  1.940  0.008 1244.  435.    -14.0  0.25   2.82
0.21    2.20  115.    9.1  283.1    5.5
 11 01 01   1 13  132.6  0.214  1.733  0.009 1377.  243.     -6.5  0.25   2.82
0.21    1.30  147.    9.1  284.2    5.5
 11 01 01   1 14  147.0  0.216  1.818  0.009 1431.  242.     -6.0  0.25   2.82
0.23    1.30  219.    9.1  284.9    5.5
 11 01 01   1 15  104.0  0.208  1.633  0.009 1468.  228.     -7.6  0.25   2.82
0.26    1.30  126.    9.1  285.4    5.5
 11 01 01   1 16   26.4  0.140  1.037  0.009 1477.  127.     -9.1  0.25   2.82
0.35    0.90  151.    9.1  284.9    5.5
 11 01 01   1 17   -9.0  0.137 -9.000 -9.000 -999.  121.     24.9  0.25   2.82
0.63    1.30   69.    9.1  283.1    5.5
 11 01 01   1 18  -33.4  0.342 -9.000 -9.000 -999.  481.    129.0  0.25   2.82
1.00    3.10   81.    9.1  281.4    5.5
 11 01 01   1 19  -33.6  0.342 -9.000 -9.000 -999.  481.    128.9  0.25   2.82
1.00    3.10   51.    9.1  279.9    5.5
 11 01 01   1 20  -23.6  0.239 -9.000 -9.000 -999.  287.     63.1  0.25   2.82
1.00    2.20   77.    9.1  278.8    5.5
 11 01 01   1 21  -18.5  0.194 -9.000 -9.000 -999.  205.     41.2  0.25   2.82
1.00    1.80   53.    9.1  277.5    5.5
 11 01 01   1 22  -23.7  0.239 -9.000 -9.000 -999.  281.     63.0  0.25   2.82
1.00    2.20   58.    9.1  277.5    5.5
 11 01 01   1 23  -18.5  0.194 -9.000 -9.000 -999.  205.     41.2  0.25   2.82
1.00    1.80   64.    9.1  277.5    5.5
 11 01 01   1 24   -4.5  0.094 -9.000 -9.000 -999.   74.     16.3  0.25   2.82
1.00    0.90   52.    9.1  277.0    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 11 01 01 01    5.5 0 -999.  -99.00   276.5   99.0  -99.00  -99.00
 11 01 01 01    9.1 1   69.    1.80  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION  19191 ***   *** Existing Idling
                          ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***        10:36:46

                                   PAGE  61
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE:
```

GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 471773.42	471823.42	471873.42	471923.42	471973.42	472023.42
3776102.42	0.00366	0.00439	0.00539	0.00679	0.00853	0.01102
3776052.42	0.00427	0.00521	0.00651	0.00833	0.01123	0.02288
3776002.42	0.00502	0.00626	0.00806	0.01062	0.01521	0.04530
3775952.42	0.00586	0.00751	0.01002	0.01417	0.01960	0.02240
3775902.42	0.00655	0.00851	0.01142	0.01548	0.01933	0.01769
3775852.42	0.00705	0.00901	0.01159	0.01435	0.01590	0.01420
3775802.42	0.00719	0.00885	0.01069	0.01218	0.01254	0.01112
3775752.42	0.00699	0.00824	0.00940	0.01012	0.00999	0.00889
3775702.42	0.00657	0.00745	0.00816	0.00846	0.00816	0.00731
3775652.42	0.00606	0.00671	0.00721	0.00722	0.00666	0.00637
3775602.42	0.00554	0.00595	0.00618	0.00616	0.00588	0.00531
3775552.42	0.00505	0.00531	0.00540	0.00531	0.00503	0.00461
3775502.42	0.00461	0.00477	0.00481	0.00470	0.00445	0.00412
3775452.42	0.00423	0.00432	0.00432	0.00420	0.00399	0.00372
3775402.42	0.00391	0.00396	0.00393	0.00382	0.00365	0.00342
3775352.42	0.00363	0.00366	0.00362	0.00352	0.00338	0.00320
3775302.42	0.00341	0.00342	0.00338	0.00330	0.00318	0.00304
3775252.42	0.00324	0.00324	0.00321	0.00314	0.00305	0.00294
3775202.42	0.00311	0.00312	0.00309	0.00304	0.00297	

```
0.00289
3775152.42 |       0.00302      0.00304      0.00303      0.00299      0.00295
0.00290
3775102.42 |       0.00298      0.00301      0.00301      0.00300      0.00299
0.00296
3775052.42 |       0.00298      0.00303      0.00306      0.00305      0.00302
0.00306
3775002.42 |       0.00302      0.00310      0.00316      0.00318      0.00312
0.00324
3774952.42 |       0.00311      0.00323      0.00334      0.00345      0.00356
0.00366
3774902.42 |       0.00325      0.00344      0.00361      0.00380      0.00398
0.00418
3774852.42 |       0.00343      0.00370      0.00398      0.00430      0.00460
0.00495
3774802.42 |       0.00368      0.00406      0.00449      0.00500      0.00550
0.00605
3774752.42 |       0.00398      0.00450      0.00511      0.00591      0.00675
0.00781
3774702.42 |       0.00438      0.00505      0.00587      0.00710      0.00849
0.01013
3774652.42 |       0.00491      0.00578      0.00694      0.00857      0.01103
0.01774
3774602.42 |       0.00559      0.00682      0.00844      0.01049      0.01599
0.00747
3774552.42 |       0.00634      0.00801      0.01040      0.01403      0.02112
0.03269
3774502.42 |       0.00716      0.00927      0.01254      0.01712      0.02106
0.01737
3774452.42 |       0.00773      0.01000      0.01294      0.01613      0.01788
0.01492
3774402.42 |       0.00803      0.00991      0.01200      0.01377      0.01397
0.01187
3774352.42 |       0.00781      0.00922      0.01061      0.01141      0.01106
0.00953
3774302.42 |       0.00730      0.00830      0.00913      0.00942      0.00894
0.00780
3774252.42 |       0.00673      0.00737      0.00796      0.00812      0.00754
0.00651
3774202.42 |       0.00608      0.00655      0.00697      0.00672      0.00636
0.00553
3774152.42 |       0.00552      0.00579      0.00588      0.00579      0.00540
0.00478
*** AERMOD - VERSION  19191 ***   *** Existing Idling
                        ***        01/05/21
*** AERMET - VERSION  16216 ***   ***
                      ***        10:36:46
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 471764.54	471814.54	471864.54	471914.54	471964.54	472014.54
3776302.75	0.00206	0.00232	0.00260	0.00293	0.00325	0.00349
3776252.75	0.00235	0.00269	0.00309	0.00353	0.00400	0.00440
3776202.75	0.00267	0.00312	0.00366	0.00426	0.00504	0.00570
3776152.75	0.00307	0.00364	0.00435	0.00529	0.00648	0.00760
3776102.75	0.00354	0.00423	0.00518	0.00649	0.00823	0.01041

*** AERMOD - VERSION 19191 *** *** Existing Idling ***
01/05/21
*** AERMET - VERSION 16216 *** ***
10:36:46

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 ,

*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

```
    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471756.60    471806.60    471856.60    471906.60    471956.60
472006.60
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3776504.71 |       0.00126      0.00136      0.00144      0.00154      0.00170
  0.00202
  3776454.71 |       0.00141      0.00151      0.00160      0.00168      0.00183
  0.00232
  3776404.71 |       0.00158      0.00172      0.00183      0.00186      0.00209
  0.00273
  3776354.71 |       0.00178      0.00197      0.00219      0.00241      0.00262
  0.00289
  3776304.71 |       0.00201      0.00227      0.00254      0.00286      0.00317
  0.00345
 *** AERMOD - VERSION  19191 ***   *** Existing Idling
                         ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:36:46

                                  PAGE  64
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                   *** NETWORK ID: UCART4   ;  NETWORK TYPE:
GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471664.52    471714.52    471764.52    471814.52    471864.52
471914.52
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3776653.93 |       0.00085      0.00090      0.00094      0.00099      0.00106
  0.00113
  3776603.93 |       0.00093      0.00098      0.00104      0.00110      0.00115
  0.00129
  3776553.93 |       0.00101      0.00108      0.00115      0.00122      0.00129
  0.00136
```

```
  3776503.93 |       0.00111      0.00119      0.00128      0.00137      0.00146
  0.00156
↑ *** AERMOD - VERSION  19191 ***   *** Existing Idling
                          ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***        10:36:46

                                   PAGE  65
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                   *** NETWORK ID: UCART5   ;  NETWORK TYPE:
GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471554.26    471604.26    471654.26
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

  3776759.20 |       0.00065      0.00068      0.00071
  3776709.20 |       0.00070      0.00073      0.00077
  3776659.20 |       0.00075      0.00079      0.00084
  3776609.20 |       0.00081      0.00086      0.00091
  3776559.20 |       0.00088      0.00093      0.00099
↑ *** AERMOD - VERSION  19191 ***   *** Existing Idling
                          ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***        10:36:46

                                   PAGE  66
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                   *** NETWORK ID: UCART6   ;  NETWORK TYPE:
GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
```

```
                    **

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471343.73    471393.73    471443.73    471493.73    471543.73
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3776922.78 |       0.00045      0.00047      0.00049      0.00050      0.00052
  3776872.78 |       0.00048      0.00050      0.00052      0.00052      0.00053
  3776822.78 |       0.00050      0.00053      0.00055      0.00056      0.00058
  3776772.78 |       0.00053      0.00056      0.00058      0.00061      0.00063
  3776722.78 |       0.00056      0.00059      0.00062      0.00065      0.00068
  3776672.78 |       0.00059      0.00062      0.00066      0.00069      0.00073
  3776622.78 |       0.00062      0.00066      0.00070      0.00074      0.00079
  3776572.78 |       0.00066      0.00070      0.00074      0.00079      0.00085
 *** AERMOD - VERSION  19191 ***   *** Existing Idling
                          ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***        10:36:46

                                   PAGE  67
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                   *** NETWORK ID: UCART7   ;  NETWORK TYPE:
GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471137.27    471187.27    471237.27    471287.27    471337.27
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3777005.91 |       0.00036      0.00037      0.00039      0.00040      0.00042
  3776955.91 |       0.00038      0.00039      0.00040      0.00042      0.00044
  3776905.91 |       0.00039      0.00041      0.00042      0.00044      0.00046
  3776855.91 |       0.00041      0.00043      0.00044      0.00046      0.00048
  3776805.91 |       0.00043      0.00044      0.00047      0.00049      0.00051
  3776755.91 |       0.00044      0.00047      0.00049      0.00051      0.00054
 *** AERMOD - VERSION  19191 ***   *** Existing Idling
                          ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
```

```
                        ***        10:36:46

                                   PAGE  68
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                   *** NETWORK ID: UCART8   ;  NETWORK TYPE:
GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471025.84    471075.84    471125.84    471175.84    471225.84
471275.84
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3777113.78 |       0.00031      0.00032      0.00033      0.00034      0.00035
  0.00036
  3777063.78 |       0.00032      0.00033      0.00034      0.00035      0.00037
  0.00038
  3777013.78 |       0.00033      0.00034      0.00036      0.00037      0.00038
  0.00040
↑ *** AERMOD - VERSION  19191 ***   *** Existing Idling
                          ***       01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***        10:36:46

                                   PAGE  69
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                   *** NETWORK ID: UCART9   ;  NETWORK TYPE:
GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

    Y-COORD  |                                                X-COORD (METERS)
```

```
    (METERS) |     471071.36    471121.36    471171.36    471221.36
 - - -
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                  *** NETWORK ID: UCART10  ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     471056.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

  3777252.65 |       0.00028
  3777202.65 |       0.00029
  3777152.65 |       0.00031
  3777102.65 |       0.00032
  3777052.65 |       0.00033
 *** AERMOD - VERSION  19191 ***   *** Existing Idling
                         ***       01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***       10:36:46

                                  PAGE  72
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                  *** NETWORK ID: UCART11  ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     470269.99    470319.99    470369.99    470419.99
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

  3777554.36 |       0.00016      0.00016      0.00017      0.00017
```

```
  3777504.36 |       0.00016      0.00017      0.00017      0.00017
  3777454.36 |       0.00016      0.00017      0.00017      0.00018
  3777404.36 |       0.00017      0.00017      0.00018      0.00018
  3777354.36 |       0.00017      0.00018      0.00018      0.00019
  3777304.36 |       0.00018      0.00018      0.00019      0.00019
```



```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                   *** NETWORK ID: UCART12  ;  NETWORK TYPE:
GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                     **

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     468710.70    468760.70    468810.70    468860.70    468910.70
468960.70    469010.70    469060.70
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3779663.00 |       0.00005      0.00005      0.00005      0.00005      0.00005
  0.00005      0.00005      0.00005
  3779613.00 |       0.00005      0.00005      0.00005      0.00005      0.00005
  0.00005      0.00005      0.00005
  3779563.00 |       0.00005      0.00005      0.00005      0.00005      0.00005
  0.00005      0.00005      0.00005
  3779513.00 |       0.00005      0.00005      0.00005      0.00005      0.00005
  0.00005      0.00005      0.00005
  3779463.00 |       0.00005      0.00005      0.00005      0.00005      0.00005
  0.00005      0.00005      0.00005
  3779413.00 |       0.00005      0.00005      0.00005      0.00005      0.00005
  0.00005      0.00005      0.00005
  3779363.00 |       0.00005      0.00005      0.00005      0.00005      0.00005
  0.00005      0.00005      0.00005
  3779313.00 |       0.00005      0.00005      0.00005      0.00005      0.00005
  0.00005      0.00005      0.00005
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 ,

*** NETWORK ID: UCART13 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 471075.86	471125.86	471175.86	471225.86	471275.86	471325.86	471375.86	471425.86	471475.86
3777911.53	0.00017	0.00017	0.00018	0.00018	0.00018	0.00018	0.00019	0.00019	0.00019
3777861.53	0.00018	0.00018	0.00018	0.00018	0.00019	0.00019	0.00019	0.00020	0.00020
3777811.53	0.00018	0.00018	0.00019	0.00019	0.00019	0.00020	0.00020	0.00021	0.00021
3777761.53	0.00019	0.00019	0.00019	0.00020	0.00020	0.00020	0.00021	0.00021	0.00022
3777711.53	0.00020	0.00020	0.00020	0.00021	0.00021	0.00021	0.00022	0.00022	0.00022
3777661.53	0.00020	0.00021	0.00021	0.00021	0.00022	0.00022	0.00023	0.00023	0.00023
3777611.53	0.00021	0.00022	0.00022	0.00022	0.00023	0.00023	0.00024	0.00024	0.00024
3777561.53	0.00022	0.00022	0.00023	0.00023	0.00024	0.00024	0.00025	0.00025	0.00026
3777511.53	0.00023	0.00023	0.00024	0.00024	0.00025	0.00025	0.00026	0.00026	0.00027
3777461.53	0.00024	0.00024	0.00025	0.00025	0.00026	0.00026	0.00027	0.00028	0.00028
3777411.53	0.00025	0.00025	0.00026	0.00027	0.00027	0.00028	0.00028	0.00029	0.00029
3777361.53	0.00026	0.00027	0.00027	0.00028	0.00028	0.00029	0.00030	0.00030	0.00031

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 ,

*** NETWORK ID: UCART13 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 471525.86
3777911.53	0.00019
3777861.53	0.00020
3777811.53	0.00021
3777761.53	0.00022
3777711.53	0.00023
3777661.53	0.00024
3777611.53	0.00025
3777561.53	0.00026
3777511.53	0.00027
3777461.53	0.00028
3777411.53	0.00030
3777361.53	0.00032

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 ,

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 472114.69	472164.69	472214.69	472264.69	472314.69	472364.69	472414.69	472464.69	472514.69
3777124.55	0.00051	0.00054	0.00056	0.00057	0.00058	0.00059	0.00060	0.00062	0.00064
3777074.55	0.00055	0.00058	0.00060	0.00061	0.00062	0.00064	0.00066	0.00068	0.00070
3777024.55	0.00060	0.00063	0.00065	0.00066	0.00068	0.00070	0.00072	0.00074	0.00078
3776974.55	0.00065	0.00068	0.00070	0.00072	0.00074	0.00076	0.00079	0.00083	0.00088
3776924.55	0.00072	0.00075	0.00077	0.00079	0.00081	0.00084	0.00088	0.00093	0.00099
3776874.55	0.00079	0.00083	0.00085	0.00087	0.00090	0.00094	0.00098	0.00105	0.00112
3776824.55	0.00087	0.00092	0.00094	0.00097	0.00101	0.00106	0.00111	0.00119	0.00128
3776774.55	0.00097	0.00102	0.00106	0.00109	0.00114	0.00120	0.00128	0.00137	0.00148
3776724.55	0.00107	0.00113	0.00118	0.00124	0.00130	0.00138	0.00149	0.00161	0.00173
3776674.55	0.00120	0.00127	0.00134	0.00142	0.00150	0.00162	0.00175	0.00190	0.00203
3776624.55	0.00135	0.00144	0.00153	0.00164	0.00176	0.00193	0.00210	0.00227	0.00242
3776574.55	0.00155	0.00168	0.00179	0.00194	0.00212	0.00233	0.00255	0.00275	0.00289
3776524.55	0.00180	0.00197	0.00214	0.00235	0.00260	0.00288	0.00313	0.00335	0.00349
3776474.55	0.00209	0.00233	0.00258	0.00292	0.00327	0.00361	0.00389	0.00408	0.00416
3776424.55	0.00252	0.00270	0.00321	0.00373	0.00419	0.00458	0.00483	0.00493	0.00491

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                  *** NETWORK ID: UCART14  ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     472564.69
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

  3777124.55 |       0.00066
  3777074.55 |       0.00073
  3777024.55 |       0.00081
  3776974.55 |       0.00093
  3776924.55 |       0.00105
  3776874.55 |       0.00119
  3776824.55 |       0.00137
  3776774.55 |       0.00159
  3776724.55 |       0.00185
  3776674.55 |       0.00217
  3776624.55 |       0.00256
  3776574.55 |       0.00302
  3776524.55 |       0.00357
  3776474.55 |       0.00417
  3776424.55 |       0.00480
 *** AERMOD - VERSION  19191 ***   *** Existing Idling
                          ***       01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***       10:36:46

                                  PAGE  78
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                  *** NETWORK ID: UCART15  ;  NETWORK TYPE:
GRIDCART ***
```

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 472138.17	472188.17	472238.17	472288.17	472338.17
3775714.69	0.00490	0.00427	0.00369	0.00326	0.00293
3775664.69	0.00451	0.00399	0.00340	0.00302	0.00273
3775614.69	0.00405	0.00359	0.00314	0.00283	0.00259
3775564.69	0.00366	0.00326	0.00292	0.00267	0.00247
3775514.69	0.00335	0.00303	0.00276	0.00256	0.00239
3775464.69	0.00311	0.00286	0.00264	0.00247	0.00234
3775414.69	0.00293	0.00273	0.00256	0.00243	0.00232
3775364.69	0.00281	0.00265	0.00252	0.00241	0.00234
3775314.69	0.00273	0.00261	0.00251	0.00244	0.00241
3775264.69	0.00270	0.00261	0.00255	0.00252	0.00252
3775214.69	0.00271	0.00265	0.00264	0.00266	0.00271
3775164.69	0.00278	0.00276	0.00281	0.00288	0.00299
3775114.69	0.00293	0.00296	0.00307	0.00321	0.00341
3775064.69	0.00314	0.00324	0.00348	0.00373	0.00400
3775014.69	0.00339	0.00365	0.00408	0.00446	0.00482
3774964.69	0.00408	0.00449	0.00504	0.00554	0.00593
3774914.69	0.00502	0.00563	0.00648	0.00708	0.00734
3774864.69	0.00646	0.00755	0.00864	0.00912	0.00906
3774814.69	0.00895	0.01077	0.01174	0.01168	0.01100
3774764.69	0.01351	0.01592	0.01593	0.01457	0.01284
3774714.69	0.02235	0.02308	0.02014	0.01674	0.01372
3774664.69	0.03506	0.02868	0.02161	0.01663	0.01311
3774614.69	0.03342	0.02451	0.01799	0.01384	0.01098
3774564.69	0.01531	0.01433	0.01196	0.00998	0.00835
3774514.69	0.00919	0.00857	0.00770	0.00690	0.00609
3774464.69	0.00756	0.00657	0.00573	0.00516	0.00464
3774414.69	0.00665	0.00561	0.00479	0.00423	0.00380
3774364.69	0.00594	0.00492	0.00419	0.00369	0.00329
3774314.69	0.00537	0.00434	0.00374	0.00328	0.00293
3774264.69	0.00487	0.00395	0.00337	0.00298	0.00266

*** AERMOD - VERSION 19191 *** *** Existing Idling
*** 01/05/21
*** AERMET - VERSION 16216 *** ***
*** 10:36:46

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5

```
YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                   *** NETWORK ID: UCART16  ;  NETWORK TYPE:
GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     472255.22    472305.22    472355.22    472405.22    472455.22
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

  3776236.95 |       0.01168      0.01159      0.01079      0.00975      0.00867
  3776186.95 |       0.01596      0.01445      0.01248      0.01073      0.00916
  3776136.95 |       0.01988      0.01636      0.01321      0.01088      0.00903
  3776086.95 |       0.02080      0.01593      0.01244      0.01003      0.00826
  3776036.95 |       0.01693      0.01302      0.01033      0.00844      0.00705
  3775986.95 |       0.01116      0.00931      0.00782      0.00664      0.00570
  3775936.95 |       0.00729      0.00647      0.00576      0.00510      0.00454
  3775886.95 |       0.00545      0.00489      0.00442      0.00403      0.00366
↑ *** AERMOD - VERSION  19191 ***   *** Existing Idling
                          ***       01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***       10:36:46

                                   PAGE  80
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE:
GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       471773.42              471823.42              471873.42
       471923.42              471973.42
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
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 3776102.4 |      0.08978 (11082723)      0.10019 (15090724)      0.12133
(15070104)      0.14813 (11011522)      0.19478 (11032019)
 3776052.4 |      0.09468 (15101220)      0.10743 (16111017)      0.12413
(15013123)      0.16945 (13122622)      0.27674 (15042702)
 3776002.4 |      0.09583 (16021020)      0.11241 (16021020)      0.12989
(16021020)      0.16991 (11012603)      0.28804 (16021419)
 3775952.4 |      0.08989 (11090623)      0.11105 (15100920)      0.13172
(15100920)      0.14895 (15100820)      0.21428 (16020919)
 3775902.4 |      0.09067 (15100920)      0.09668 (15100920)      0.10939
(15100924)      0.13691 (15102205)      0.15883 (15102123)
 3775852.4 |      0.07756 (16092623)      0.08747 (15081423)      0.10309
(15102205)      0.11706 (15102206)      0.12788 (15102201)
 3775802.4 |      0.07097 (15081423)      0.07967 (15102205)      0.08919
(15102206)      0.10035 (15102123)      0.10476 (15100921)
 3775752.4 |      0.06420 (13062923)      0.07031 (16072224)      0.07654
(15102203)      0.08261 (15102201)      0.08733 (15102202)
 3775702.4 |      0.05820 (16072224)      0.06211 (15091004)      0.06709
(15102123)      0.07034 (15100921)      0.07329 (15102202)
 3775652.4 |      0.05225 (13063003)      0.05616 (15082901)      0.06082
(16072222)      0.06631 (15100921)      0.07202 (15102202)
 3775602.4 |      0.04761 (15081306)      0.05023 (16072124)      0.05296
(16072223)      0.05387 (16083001)      0.05637 (13090524)
 3775552.4 |      0.04315 (15082901)      0.04561 (16072222)      0.04710
(16061924)      0.04814 (13083002)      0.04929 (13090424)
 3775502.4 |      0.03949 (16072124)      0.04138 (16072222)      0.04236
(12081401)      0.04358 (13083002)      0.04410 (13090424)
 3775452.4 |      0.03629 (16072222)      0.03744 (16061924)      0.03825
(16083001)      0.03933 (13083002)      0.03972 (15101304)
 3775402.4 |      0.03434 (15081522)      0.03532 (15063020)      0.03571
(13090422)      0.03586 (13090524)      0.03615 (15081323)
 3775352.4 |      0.03596 (15081522)      0.03719 (15063020)      0.03795
(13090422)      0.03698 (12082102)      0.03789 (12092121)
 3775302.4 |      0.03744 (15081522)      0.03900 (15063020)      0.04045
(13090422)      0.03941 (13090923)      0.04035 (12092121)
 3775252.4 |      0.04007 (13092321)      0.04143 (15081522)      0.04291
(13090422)      0.04195 (13090422)      0.04309 (12092121)
 3775202.4 |      0.04297 (13092321)      0.04407 (15081522)      0.04579
(15063020)      0.04590 (13090422)      0.04629 (12092121)
 3775152.4 |      0.04624 (16072824)      0.04667 (13082423)      0.04913
(15063020)      0.05030 (13090422)      0.04985 (12092121)
 3775102.4 |      0.04946 (16072824)      0.05107 (13092321)      0.05302
(15081522)      0.05536 (13090422)      0.05413 (12092121)
 3775052.4 |      0.05342 (16102718)      0.05549 (16072824)      0.05757
(15081522)      0.06115 (13090422)      0.06030 (12092121)
 3775002.4 |      0.05910 (15082522)      0.06028 (16072824)      0.06260
(13092321)      0.06708 (15063020)      0.06719 (13090422)
 3774952.4 |      0.06326 (15082522)      0.06648 (16102718)      0.06946
(16072824)      0.07315 (15090919)      0.07439 (13090422)
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 3774902.4 |      0.06732 (16072803)      0.07458 (15082522)      0.07654
(15101121)      0.08128 (15090919)      0.08538 (13090422)
 3774852.4 |      0.07614 (15081422)      0.07826 (16072803)      0.08775
(15082522)      0.09146 (15101121)      0.09732 (15090919)
 3774802.4 |      0.08196 (13090622)      0.09002 (15081422)      0.09548
(13051321)      0.10422 (15101121)      0.11580 (15090919)
 3774752.4 |      0.08413 (16091920)      0.09670 (12091521)      0.10930
(15090824)      0.11655 (13051321)      0.12906 (15090919)
 3774702.4 |      0.09032 (16081423)      0.10154 (16081423)      0.11584
(11011522)      0.13819 (12101503)      0.17147 (13122903)
 3774652.4 |      0.09342 (12091322)      0.10575 (12091322)      0.13008
(15070104)      0.17510 (15070104)      0.26235 (13122904)
 3774602.4 |      0.09499 (13090523)      0.11082 (16111017)      0.13549
(16092603)      0.19902 (15100905)      0.33946 (15031222)
 3774552.4 |      0.09331 (11090723)      0.10831 (11090521)      0.13288
(15100920)      0.18210 (15100820)      0.27693 (15100821)
 3774502.4 |      0.09716 (15100920)      0.11109 (15100920)      0.11689
(15092023)      0.14506 (15102205)      0.19437 (16020918)
 3774452.4 |      0.08235 (15081401)      0.09272 (16072123)      0.11248
(15102205)      0.12864 (15102206)      0.14028 (15102201)
 3774402.4 |      0.07593 (15081423)      0.08646 (15102205)      0.09687
(15102206)      0.11151 (15102123)      0.11902 (15102202)
 3774352.4 |      0.06910 (13062923)      0.07529 (15102205)      0.08459
(15102203)      0.09178 (15102201)      0.10028 (15102202)
 3774302.4 |      0.06195 (16081522)      0.06706 (15102206)      0.07379
(15102123)      0.07908 (15100921)      0.08400 (16092621)
 3774252.4 |      0.05581 (16072224)      0.05972 (15082901)      0.06631
(16072222)      0.07116 (15102202)      0.07566 (13090424)
 3774202.4 |      0.05051 (15081306)      0.05423 (13090501)      0.06011
(16061924)      0.07161 (15102202)      0.07230 (13090424)
 3774152.4 |      0.04633 (13090401)      0.05012 (16072222)      0.05298
(12081401)      0.05744 (13083002)      0.06020 (15081323)
 *** AERMOD - VERSION  19191 ***   *** Existing Idling
                          ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***        10:36:46

                                   PAGE  81
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE:
GRIDCART ***
```

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 472023.42
3776102.4	0.25632 (11032021)
3776052.4	0.53914 (11032020)
3776002.4	0.59583 (16092521)
3775952.4	0.27403 (11030918)
3775902.4	0.16438 (13111319)
3775852.4	0.12708 (15102202)
3775802.4	0.10305 (16061922)
3775752.4	0.08775 (16061922)
3775702.4	0.07520 (16061922)
3775652.4	0.06736 (16061922)
3775602.4	0.05717 (16061922)
3775552.4	0.05006 (16061922)
3775502.4	0.04473 (16061922)
3775452.4	0.04017 (16061922)
3775402.4	0.03647 (15090922)
3775352.4	0.03817 (11082623)
3775302.4	0.04067 (11082623)
3775252.4	0.04358 (11082623)
3775202.4	0.04707 (11082623)
3775152.4	0.05108 (11082623)
3775102.4	0.05593 (11082623)
3775052.4	0.06245 (11082623)
3775002.4	0.06995 (11082623)
3774952.4	0.07677 (11082623)
3774902.4	0.08655 (11082623)
3774852.4	0.09841 (11082623)
3774802.4	0.11179 (11082623)
3774752.4	0.14236 (15101020)
3774702.4	0.19079 (15101020)
3774652.4	0.36036 (11021821)
3774602.4	0.54867 (15061908)
3774552.4	0.43205 (16100618)
3774502.4	0.20892 (13122520)
3774452.4	0.14770 (15102124)
3774402.4	0.12432 (15102124)
3774352.4	0.10347 (15102124)
3774302.4	0.08833 (16061922)
3774252.4	0.07709 (15090922)
3774202.4	0.06819 (15090922)
3774152.4	0.06102 (15090922)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

```
  Y-COORD  |                                                    X-COORD (METERS)
  (METERS) |       471764.54              471814.54              471864.54
       471914.54              471964.54
 - - -
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```
                                    *** NETWORK ID: UCART2   ;  NETWORK TYPE:
GRIDCART ***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       472014.54
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776302.8 |      0.10378 (11082623)
 3776252.8 |      0.11428 (11082623)
 3776202.8 |      0.12638 (12081101)
 3776152.8 |      0.16343 (16122322)
 3776102.8 |      0.24324 (13122903)
↑ *** AERMOD - VERSION  19191 ***   *** Existing Idling
                          ***       01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***       10:36:46

                                   PAGE  84
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                    *** NETWORK ID: UCART3   ;  NETWORK TYPE:
GRIDCART ***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471756.60              471806.60              471856.60
       471906.60              471956.60
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776504.7 |      0.05026 (16102718)      0.05232 (16072824)      0.05503
(15081522)      0.06060 (13090422)      0.06239 (12092121)
 3776454.7 |      0.05544 (15082522)      0.05629 (16102718)      0.05956
(13092321)      0.06564 (15063020)      0.06885 (13090923)
 3776404.7 |      0.05835 (15082701)      0.06276 (15082522)      0.06547
(16072824)      0.07168 (15081522)      0.07737 (13090422)
 3776354.7 |      0.06264 (15081422)      0.06820 (15082522)      0.07082
```

(16102718)   0.07410 (13092321)   0.08388 (13090422)
 3776304.7 | 0.07013 (15081422)   0.07227 (16072803)   0.08068
(15082522)   0.08387 (15101121)   0.09256 (15090919)

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   STCK1   , STCK2
,

*** NETWORK ID: UCART3   ; NETWORK TYPE:
GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3
**

  Y-COORD | X-COORD (METERS)
  (METERS) | 472006.60
 -
- -

 3776504.7 | 0.06245 (11082623)
 3776454.7 | 0.06836 (11082623)
 3776404.7 | 0.07697 (11082623)
 3776354.7 | 0.09021 (11082623)
 3776304.7 | 0.10012 (11082623)

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   STCK1   , STCK2
,

*** NETWORK ID: UCART4   ; NETWORK TYPE:
GRIDCART ***

```
                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       471664.52              471714.52              471764.52
       471814.52              471864.52
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3776653.9 |      0.03851 (16102718)      0.03960 (16072824)      0.04117
(13092321)      0.04384 (15081522)      0.04732 (13090422)
 3776603.9 |      0.04158 (15082522)      0.04217 (16102718)      0.04402
(16072824)      0.04592 (15081522)      0.05023 (13090422)
 3776553.9 |      0.04380 (15082522)      0.04558 (15082522)      0.04665
(16072824)      0.04876 (13092321)      0.05274 (15063020)
 3776503.9 |      0.04536 (15082701)      0.04954 (15082522)      0.05059
(16102718)      0.05269 (16072824)      0.05595 (15081522)
```



```
                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                 *** NETWORK ID: UCART4   ;  NETWORK TYPE:
GRIDCART ***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       471914.52
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3776653.9 |      0.04875 (12082102)
 3776603.9 |      0.05103 (13090923)
 3776553.9 |      0.05704 (13090422)
 3776503.9 |      0.06137 (13090422)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2
,

*** NETWORK ID: UCART5 ; NETWORK TYPE:
GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

Y-COORD (METERS)	471554.26	471604.26	X-COORD (METERS) 471654.26
3776759.2	0.03250 (15082522)	0.03298 (16102718)	0.03373 (16072824)
3776709.2	0.03374 (15082522)	0.03514 (15082522)	0.03564 (16102718)
3776659.2	0.03489 (15082701)	0.03720 (15082522)	0.03798 (16102718)
3776609.2	0.03677 (16072803)	0.03861 (15082701)	0.04108 (15082522)
3776559.2	0.03919 (15081422)	0.04037 (16072803)	0.04291 (15082701)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2
,

*** NETWORK ID: UCART6 ; NETWORK TYPE:
GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3

```
                    **

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       471343.73              471393.73              471443.73
       471493.73              471543.73
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3776922.8 |      0.02416 (15102521)      0.02527 (15082701)      0.02627
(15082522)      0.02664 (16102718)      0.02689 (15083102)
 3776872.8 |      0.02502 (16072803)      0.02590 (15082701)      0.02710
(15082522)      0.02849 (15082522)      0.02917 (16102718)
 3776822.8 |      0.02626 (16072803)      0.02666 (16082302)      0.02798
(15082701)      0.02981 (15082522)      0.03033 (15082522)
 3776772.8 |      0.02758 (15081422)      0.02822 (16072803)      0.02873
(15102521)      0.03039 (15082701)      0.03205 (15082522)
 3776722.8 |      0.02920 (15081422)      0.02970 (15081422)      0.03048
(16072803)      0.03118 (15102521)      0.03301 (15082522)
 3776672.8 |      0.02954 (15081422)      0.03158 (15081422)      0.03213
(15081422)      0.03305 (16072803)      0.03413 (15082701)
 3776622.8 |      0.03054 (13090622)      0.03184 (15081422)      0.03433
(15081422)      0.03489 (15081422)      0.03594 (16072803)
 3776572.8 |      0.03261 (13090622)      0.03346 (13090622)      0.03463
(12092221)      0.03743 (15081422)      0.03816 (15081422)
↑ *** AERMOD - VERSION  19191 ***   *** Existing Idling
                         ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:36:46

                                  PAGE  90
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                  *** NETWORK ID: UCART7   ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       471137.27              471187.27              471237.27
       471287.27              471337.27
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
```

```
 3777005.9 |      0.02046 (16102921)      0.02114 (16072803)      0.02135
(16072803)      0.02204 (15082701)      0.02297 (15082701)
 3776955.9 |      0.02180 (15081422)      0.02176 (16102921)      0.02248
(16072803)      0.02275 (16082302)      0.02367 (15082701)
 3776905.9 |      0.02243 (15081422)      0.02314 (15081422)      0.02311
(16102921)      0.02391 (16072803)      0.02426 (15102521)
 3776855.9 |      0.02252 (12090901)      0.02382 (15081422)      0.02462
(15081422)      0.02469 (16102921)      0.02549 (16072803)
 3776805.9 |      0.02318 (15061824)      0.02395 (12090901)      0.02539
(15081422)      0.02631 (15081422)      0.02643 (16102921)
 3776755.9 |      0.02456 (13090622)      0.02466 (15061824)      0.02553
(12090901)      0.02721 (15081422)      0.02824 (15081422)
 *** AERMOD - VERSION  19191 ***   *** Existing Idling
                         ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:36:46

                                  PAGE  91
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                  *** NETWORK ID: UCART8   ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471025.84              471075.84              471125.84
       471175.84              471225.84
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3777113.8 |      0.01828 (15081422)      0.01868 (16102921)      0.01905
(16072803)      0.01938 (15102521)      0.02013 (15082701)
 3777063.8 |      0.01930 (15081422)      0.01925 (15081422)      0.01974
(16072803)      0.02010 (16072803)      0.02052 (15102521)
 3777013.8 |      0.01977 (15081422)      0.02038 (15081422)      0.02031
(15081422)      0.02090 (16072803)      0.02118 (16072803)
 *** AERMOD - VERSION  19191 ***   *** Existing Idling
                         ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:36:46
```

```
                                    PAGE  92
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                    *** NETWORK ID: UCART8   ;  NETWORK TYPE:
GRIDCART ***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471275.84
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3777113.8 |      0.02089 (15082522)
 3777063.8 |      0.02139 (15082701)
 3777013.8 |      0.02177 (15102521)
↑ *** AERMOD - VERSION  19191 ***   *** Existing Idling
                          ***       01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***       10:36:46

                                    PAGE  93
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                    *** NETWORK ID: UCART9   ;  NETWORK TYPE:
GRIDCART ***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471071.36              471121.36              471171.36
       471221.36
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
```

```
 3777220.7 |      0.01740 (16082302)      0.01787 (15102521)      0.01863
(15082701)      0.01929 (15082522)
 3777170.7 |      0.01807 (16072803)      0.01828 (15102521)      0.01888
(15082701)      0.01955 (15082701)
 3777120.7 |      0.01858 (16072803)      0.01893 (16072803)      0.01926
(15102521)      0.02000 (15082701)
↑ *** AERMOD - VERSION  19191 ***   *** Existing Idling
                         ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:36:46

                                  PAGE  94
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                  *** NETWORK ID: UCART10  ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       470606.55              470656.55              470706.55
       470756.55              470806.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777252.6 |      0.01405 (15061824)      0.01437 (15061824)      0.01471
(12090901)      0.01523 (15081422)      0.01589 (15081422)
 3777202.6 |      0.01456 (13090622)      0.01461 (15061824)      0.01500
(15061824)      0.01535 (12090901)      0.01590 (15081422)
 3777152.6 |      0.01507 (13090622)      0.01525 (13090622)      0.01520
(16110520)      0.01569 (15061824)      0.01604 (12090901)
 3777102.6 |      0.01523 (12091521)      0.01572 (13090622)      0.01603
(13090622)      0.01601 (13090622)      0.01645 (15061824)
 3777052.6 |      0.01557 (12091521)      0.01596 (12091521)      0.01644
(13090622)      0.01687 (13090622)      0.01694 (13090622)
↑ *** AERMOD - VERSION  19191 ***   *** Existing Idling
                         ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:36:46

                                  PAGE  95
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

```
                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                  *** NETWORK ID: UCART10  ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       470856.55              470906.55              470956.55
       471006.55              471056.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3777252.6 |      0.01619 (15081422)      0.01612 (16102921)      0.01667
(16072803)      0.01695 (16072803)      0.01705 (15102521)
 3777202.6 |      0.01661 (15081422)      0.01686 (15081422)      0.01680
(16102921)      0.01729 (16072803)      0.01756 (16072803)
 3777152.6 |      0.01666 (15081422)      0.01739 (15081422)      0.01767
(15081422)      0.01766 (16102921)      0.01818 (16072803)
 3777102.6 |      0.01681 (12090901)      0.01747 (15081422)      0.01829
(15081422)      0.01858 (15081422)      0.01862 (16102921)
 3777052.6 |      0.01728 (15061824)      0.01765 (12090901)      0.01836
(15081422)      0.01924 (15081422)      0.01960 (15081422)
↑ *** AERMOD - VERSION  19191 ***   *** Existing Idling
                          ***       01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***       10:36:46

                                  PAGE  96
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                  *** NETWORK ID: UCART11  ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                 X-COORD (METERS)
```

```
  (METERS) |       470269.99               470319.99               470369.99
       470419.99
 - - -
```

```
 3779513.0 |      0.00435 (12081505)      0.00437 (16102921)      0.00448
(16102921)      0.00454 (16102921)      0.00457 (16102921)
 3779463.0 |      0.00443 (12081505)      0.00444 (12081505)      0.00448
(16102921)      0.00457 (16102921)      0.00464 (16102921)
 3779413.0 |      0.00455 (15081422)      0.00452 (12081505)      0.00453
(12081505)      0.00457 (16102921)      0.00466 (16102921)
 3779363.0 |      0.00465 (15081422)      0.00465 (15081422)      0.00462
(12081505)      0.00463 (12081505)      0.00466 (16102921)
 3779313.0 |      0.00471 (15081422)      0.00475 (15081422)      0.00475
(15081422)      0.00472 (12081505)      0.00472 (12081505)
↑ *** AERMOD - VERSION  19191 ***   *** Existing Idling
                          ***       01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***       10:36:46

                                  PAGE  98
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                  *** NETWORK ID: UCART12  ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       468960.70              469010.70              469060.70
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3779663.0 |      0.00439 (16082302)      0.00448 (16082302)      0.00452
(16082302)
 3779613.0 |      0.00448 (16072803)      0.00449 (16082302)      0.00457
(16082302)
 3779563.0 |      0.00458 (16072803)      0.00457 (16072803)      0.00458
(16082302)
 3779513.0 |      0.00465 (16072803)      0.00468 (16072803)      0.00465
(16072803)
 3779463.0 |      0.00467 (16072803)      0.00475 (16072803)      0.00477
(16072803)
 3779413.0 |      0.00474 (16102921)      0.00479 (16072803)      0.00486
(16072803)
 3779363.0 |      0.00477 (16102921)      0.00486 (16102921)      0.00490
(16072803)
```

```
 3779313.0 |      0.00477 (16102921)      0.00489 (16102921)      0.00497
(16102921)
↑ *** AERMOD - VERSION  19191 ***   *** Existing Idling
                         ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***        10:36:46

                                   PAGE  99
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                   *** NETWORK ID: UCART13  ;  NETWORK TYPE:
GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471075.86              471125.86              471175.86
       471225.86              471275.86
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3777911.5 |      0.01351 (16072824)      0.01379 (13092321)      0.01425
(13092321)      0.01456 (13082423)      0.01537 (15081522)
 3777861.5 |      0.01369 (16072824)      0.01397 (16072824)      0.01444
(13092321)      0.01481 (13082423)      0.01541 (15081522)
 3777811.5 |      0.01377 (16072824)      0.01426 (16072824)      0.01454
(13092321)      0.01504 (13092321)      0.01539 (15081522)
 3777761.5 |      0.01391 (15083102)      0.01444 (16072824)      0.01478
(16072824)      0.01526 (13092321)      0.01565 (13082423)
 3777711.5 |      0.01405 (15083102)      0.01453 (16062105)      0.01508
(16072824)      0.01539 (13092321)      0.01592 (13092321)
 3777661.5 |      0.01448 (16102718)      0.01471 (15083102)      0.01528
(16072824)      0.01567 (16072824)      0.01618 (13092321)
 3777611.5 |      0.01488 (16102718)      0.01491 (16102718)      0.01539
(16062105)      0.01600 (16072824)      0.01634 (13092321)
 3777561.5 |      0.01512 (16102718)      0.01546 (16102718)      0.01561
(15083102)      0.01622 (16072824)      0.01668 (16072824)
 3777511.5 |      0.01553 (15082522)      0.01583 (16102718)      0.01599
(16102718)      0.01635 (16062105)      0.01705 (16072824)
 3777461.5 |      0.01608 (15082522)      0.01609 (12081005)      0.01654
(16102718)      0.01661 (15083102)      0.01727 (16072824)
 3777411.5 |      0.01641 (15082522)      0.01675 (15082522)      0.01688
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(16102718)      0.01720 (16102718)      0.01746 (15083102)
 3777361.5 |      0.01659 (15082701)      0.01720 (15082522)      0.01735
(15082522)      0.01778 (16102718)      0.01781 (16102718)
 *** AERMOD - VERSION  19191 ***   *** Existing Idling
                         ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:36:46

                                  PAGE 100
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                  *** NETWORK ID: UCART13  ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471325.86              471375.86              471425.86
       471475.86              471525.86
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777911.5 |      0.01598 (15081522)      0.01647 (15063020)      0.01722
(15063020)      0.01782 (13090422)      0.01841 (13090422)
 3777861.5 |      0.01617 (15081522)      0.01666 (13090305)      0.01743
(15063020)      0.01799 (13090422)      0.01875 (13090422)
 3777811.5 |      0.01630 (15081522)      0.01689 (15081522)      0.01760
(15063020)      0.01826 (15063020)      0.01906 (13090422)
 3777761.5 |      0.01638 (15081522)      0.01715 (15081522)      0.01772
(15063020)      0.01857 (15063020)      0.01932 (13090422)
 3777711.5 |      0.01640 (15081522)      0.01734 (15081522)      0.01794
(13090305)      0.01882 (15063020)      0.01955 (13090422)
 3777661.5 |      0.01660 (13082423)      0.01748 (15081522)      0.01822
(15081522)      0.01903 (15063020)      0.01978 (15063020)
 3777611.5 |      0.01691 (13092321)      0.01754 (15081522)      0.01849
(15081522)      0.01917 (15063020)      0.02013 (15063020)
 3777561.5 |      0.01721 (13092321)      0.01765 (13082423)      0.01868
(15081522)      0.01940 (13090305)      0.02042 (15063020)
 3777511.5 |      0.01741 (13092321)      0.01799 (13092321)      0.01880
(15081522)      0.01976 (15081522)      0.02067 (15063020)
 3777461.5 |      0.01781 (16072824)      0.01835 (13092321)      0.01883
(15081522)      0.02005 (15081522)      0.02085 (15063020)
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 3777411.5 |      0.01820 (16072824)      0.01858 (13092321)      0.01920
(13092321)      0.02021 (15081522)      0.02116 (15081522)
 3777361.5 |      0.01842 (16072824)      0.01906 (16072824)      0.01963
(13092321)      0.02029 (15081522)      0.02154 (15081522)
 *** AERMOD - VERSION  19191 ***   *** Existing Idling
                         ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:36:46

                                  PAGE 101
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                  *** NETWORK ID: UCART14  ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       472114.69              472164.69              472214.69
       472264.69              472314.69
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3777124.5 |      0.03502 (12091321)      0.03306 (12081123)      0.03245
(12081123)      0.03108 (16092019)      0.02991 (12080824)
 3777074.5 |      0.03629 (12091321)      0.03457 (12081123)      0.03351
(12081123)      0.03211 (16092019)      0.03065 (12080824)
 3777024.5 |      0.03770 (12091321)      0.03609 (12081123)      0.03470
(12081123)      0.03323 (16092019)      0.03142 (15082606)
 3776974.5 |      0.03898 (12091321)      0.03756 (12081123)      0.03584
(12081123)      0.03439 (12080824)      0.03236 (12081622)
 3776924.5 |      0.04038 (12091321)      0.03911 (12081123)      0.03722
(16092019)      0.03560 (12080824)      0.03365 (12081702)
 3776874.5 |      0.04197 (12091321)      0.04052 (12081123)      0.03860
(16092019)      0.03661 (12080824)      0.03474 (12081702)
 3776824.5 |      0.04396 (12091321)      0.04236 (12081123)      0.04018
(16092019)      0.03761 (12080824)      0.03574 (12081702)
 3776774.5 |      0.04622 (12091321)      0.04433 (12081123)      0.04178
(16092019)      0.03914 (12081702)      0.03659 (13090423)
 3776724.5 |      0.04895 (12081123)      0.04679 (12081123)      0.04382
(12080824)      0.04092 (12081702)      0.03828 (13090423)
 3776674.5 |      0.05235 (12081123)      0.04932 (12081123)      0.04595
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(12080824)      0.04255 (12081702)      0.03950 (13090423)
 3776624.5 |      0.05617 (12081123)      0.05220 (16092019)      0.04809
(12081702)      0.04443 (13090423)      0.04088 (13082524)
 3776574.5 |      0.06024 (12081123)      0.05529 (16092019)      0.05104
(12081702)      0.04667 (13090423)      0.04307 (15101219)
 3776524.5 |      0.06494 (12081123)      0.05888 (12080824)      0.05365
(12081702)      0.04852 (13082524)      0.04663 (15101219)
 3776474.5 |      0.07074 (12081123)      0.06317 (12080824)      0.05765
(13090423)      0.05219 (15101219)      0.04909 (11080221)
 3776424.5 |      0.07647 (12081123)      0.07016 (12081702)      0.06139
(13090423)      0.05755 (15101219)      0.05297 (11080222)
↑ *** AERMOD - VERSION  19191 ***   *** Existing Idling
                          ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***        10:36:46

                                   PAGE 102
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                   *** NETWORK ID: UCART14  ;  NETWORK TYPE:
GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       472364.69              472414.69              472464.69
       472514.69              472564.69
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777124.5 |      0.02846 (12081702)      0.02730 (12081702)      0.02588
(13090423)      0.02440 (13090423)      0.02293 (13082524)
 3777074.5 |      0.02934 (12081702)      0.02770 (12081702)      0.02645
(13090423)      0.02474 (13082524)      0.02337 (15073005)
 3777024.5 |      0.03018 (12081702)      0.02839 (13090423)      0.02683
(13090423)      0.02505 (13082524)      0.02426 (15101219)
 3776974.5 |      0.03091 (12081702)      0.02915 (13090423)      0.02704
(13082524)      0.02520 (15073005)      0.02478 (15101219)
 3776924.5 |      0.03151 (12081702)      0.02981 (13090423)      0.02750
(13082524)      0.02627 (15101219)      0.02544 (15101219)
 3776874.5 |      0.03243 (13090423)      0.03015 (13090423)      0.02822
(12091621)      0.02756 (15101219)      0.02621 (11080221)
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 3776824.5 |      0.03345 (13090423)      0.03091 (13082524)      0.02980
(15101219)      0.02821 (15101219)      0.02717 (11080221)
 3776774.5 |      0.03420 (13090423)      0.03197 (12091621)      0.03119
(15101219)      0.02938 (11080221)      0.02815 (12081323)
 3776724.5 |      0.03515 (13082524)      0.03401 (15101219)      0.03202
(11080221)      0.03079 (11080222)      0.02959 (15091001)
 3776674.5 |      0.03656 (15101219)      0.03552 (15101219)      0.03362
(11080221)      0.03231 (12081323)      0.03077 (13082222)
 3776624.5 |      0.03926 (15101219)      0.03705 (11080221)      0.03520
(12081323)      0.03386 (15091001)      0.03222 (12080906)
 3776574.5 |      0.04119 (15101219)      0.03893 (11080222)      0.03698
(15091001)      0.03565 (12080906)      0.03371 (13091321)
 3776524.5 |      0.04356 (11080221)      0.04105 (15091001)      0.03856
(12080906)      0.03609 (13091321)      0.03400 (16071924)
 3776474.5 |      0.04620 (12081323)      0.04331 (12080906)      0.04005
(13091321)      0.03742 (16071924)      0.03535 (12081522)
 3776424.5 |      0.04909 (15091001)      0.04548 (15062902)      0.04149
(16071924)      0.03909 (12081522)      0.03696 (13082922)
 *** AERMOD - VERSION  19191 ***   *** Existing Idling
                         ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:36:46

                                  PAGE 103
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                  *** NETWORK ID: UCART15  ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       472138.17              472188.17              472238.17
       472288.17              472338.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3775714.7 |      0.07227 (15102122)      0.06932 (16021018)      0.06851
(15102121)      0.06032 (15102121)      0.05368 (11070323)
 3775664.7 |      0.06649 (15102122)      0.06290 (16021018)      0.05801
(15102121)      0.05632 (15102121)      0.04955 (16072624)
 3775614.7 |      0.05892 (15102122)      0.05471 (15082602)      0.05127
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(16072724)      0.04987 (15102121)      0.04660 (15102121)
 3775564.7 |      0.05183 (15102122)      0.04800 (15082602)      0.04554
(15060824)      0.04396 (12082922)      0.04294 (15102121)
 3775514.7 |      0.04584 (15102122)      0.04302 (16021019)      0.04113
(12081901)      0.04003 (16072724)      0.03826 (15102121)
 3775464.7 |      0.04080 (15102122)      0.03946 (16021019)      0.03775
(15082602)      0.03649 (15060824)      0.03527 (12082922)
 3775414.7 |      0.03662 (15102122)      0.03618 (16021019)      0.03465
(15082602)      0.03341 (15060824)      0.03259 (16072724)
 3775364.7 |      0.03575 (12081123)      0.03524 (12080824)      0.03479
(12081702)      0.03429 (13090423)      0.03277 (13082524)
 3775314.7 |      0.03805 (16092019)      0.03739 (12081702)      0.03647
(13090423)      0.03581 (13090423)      0.03397 (13082524)
 3775264.7 |      0.04075 (16092019)      0.04017 (12081702)      0.03912
(13090423)      0.03749 (13082524)      0.03598 (12091621)
 3775214.7 |      0.04386 (12080824)      0.04345 (12081702)      0.04207
(13090423)      0.03960 (13082524)      0.03877 (15101219)
 3775164.7 |      0.04732 (12080824)      0.04656 (12081702)      0.04456
(13090423)      0.04196 (15073005)      0.04127 (15101219)
 3775114.7 |      0.05100 (12080824)      0.05030 (13090423)      0.04737
(13082524)      0.04603 (15101219)      0.04309 (11080221)
 3775064.7 |      0.05661 (12081702)      0.05549 (13090423)      0.05026
(15073005)      0.04932 (15101219)      0.04572 (11080221)
 3775014.7 |      0.06439 (12081702)      0.06082 (13090423)      0.05654
(15101219)      0.05275 (11080221)      0.04853 (15091001)
 3774964.7 |      0.06850 (13090423)      0.06404 (13082524)      0.06178
(15101219)      0.05676 (12081323)      0.05189 (12080906)
 3774914.7 |      0.07684 (13090423)      0.07362 (15101219)      0.06700
(11080221)      0.06116 (15091001)      0.05622 (13091321)
 3774864.7 |      0.08544 (13090423)      0.08241 (15101219)      0.07421
(15091001)      0.06705 (13091321)      0.06051 (12081522)
 3774814.7 |      0.09996 (15101219)      0.09217 (13082921)      0.08167
(12081321)      0.07323 (13082922)      0.06629 (13082922)
 3774764.7 |      0.11965 (16061921)      0.10483 (12081321)      0.09197
(13082922)      0.07920 (13082922)      0.07021 (15081321)
 3774714.7 |      0.13807 (12083019)      0.11627 (16062022)      0.10001
(15081621)      0.08437 (11082823)      0.07533 (11082621)
 3774664.7 |      0.17662 (12081319)      0.12765 (15090819)      0.10567
(11082621)      0.09192 (15102120)      0.07861 (15102120)
 3774614.7 |      0.19990 (15081519)      0.14896 (15102120)      0.11752
(15102120)      0.09403 (15102120)      0.07651 (15102120)
 3774564.7 |      0.20406 (15102118)      0.13870 (15102118)      0.10302
(15102119)      0.08816 (15082722)      0.07593 (13062822)
 3774514.7 |      0.13827 (12101804)      0.11459 (15090823)      0.09809
(15090921)      0.08517 (15090921)      0.07401 (15082822)
 3774464.7 |      0.12907 (15102121)      0.10276 (16020907)      0.08898
(15090823)      0.07874 (15082623)      0.06967 (15090921)
 3774414.7 |      0.11309 (15102121)      0.09823 (15102121)      0.08094
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(15101224)      0.07300 (15082724)      0.06448 (13111217)
 3774364.7 |      0.09541 (16021018)      0.09052 (15102121)      0.07284
(15102121)      0.06613 (16092422)      0.05991 (15082724)
 3774314.7 |      0.08297 (16021018)      0.07478 (15102121)      0.07029
(15102121)      0.05955 (15092102)      0.05456 (16092422)
 3774264.7 |      0.07663 (15102122)      0.06537 (16021018)      0.06244
(15102121)      0.05608 (15102121)      0.04980 (15091923)
 *** AERMOD - VERSION  19191 ***   *** Existing Idling
                         ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:36:46

                                  PAGE 104
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                  *** NETWORK ID: UCART16  ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       472255.22              472305.22              472355.22
       472405.22              472455.22
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776236.9 |      0.08203 (12091420)      0.07448 (13082922)      0.06580
(13082922)      0.05838 (11082523)      0.05243 (16072023)
 3776186.9 |      0.09280 (13082922)      0.07981 (11082523)      0.06985
(15081321)      0.06201 (11082823)      0.05518 (11082621)
 3776136.9 |      0.10005 (15081621)      0.08522 (11082621)      0.07524
(11082621)      0.06543 (11082621)      0.05672 (13090323)
 3776086.9 |      0.10904 (15102120)      0.09318 (15102120)      0.07831
(15102120)      0.06662 (15102120)      0.05804 (15063021)
 3776036.9 |      0.11471 (15102120)      0.09125 (15102120)      0.07555
(13090324)      0.06560 (13090324)      0.05749 (16122817)
 3775986.9 |      0.10194 (15082520)      0.08767 (15082722)      0.07528
(15082722)      0.06529 (13062822)      0.05707 (13062822)
 3775936.9 |      0.09821 (15090921)      0.08465 (15090921)      0.07322
(15082822)      0.06430 (15082822)      0.05598 (15082822)
 3775886.9 |      0.08828 (15090823)      0.07784 (15082623)      0.06871
(15090921)      0.06167 (15090921)      0.05376 (15090921)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 471773.42	471823.42	471873.42	471923.42	471973.42
3776102.4	0.02020 (16011024)	0.02384 (16011024)	0.02706 (16011024)	0.03304 (11032024)	0.06228 (11032024)
3776052.4	0.02293m(16092824)	0.02604m(16092824)	0.02952 (16011024)	0.03785 (16011024)	0.04590 (11032024)
3776002.4	0.02654m(16092824)	0.03131 (15112624)	0.03879 (15112624)	0.04647 (15112624)	0.10261 (15103024)
3775952.4	0.02967 (11010124)	0.03839 (11010124)	0.04908 (11010124)	0.05738 (11010124)	0.09297 (16020524)
3775902.4	0.03403 (11010124)	0.04042 (11010124)	0.04466 (11010124)	0.05320 (13120824)	0.06725 (13111324)
3775852.4	0.03162 (11010124)	0.03360 (11010124)	0.03939 (13120824)	0.05159 (15120824)	0.05658 (13121624)
3775802.4	0.02631 (13120824)	0.03052 (15120824)	0.03974 (15120824)	0.04406 (15120824)	0.04910 (13121624)
3775752.4	0.02435 (15120824)	0.03091 (15120824)	0.03551 (15120824)	0.03637 (13121624)	0.04071 (13121624)
3775702.4	0.02463 (15120824)	0.02864 (15120824)	0.03012 (15120824)	0.03256 (13121624)	0.03371 (13121624)
3775652.4	0.02332 (15120824)	0.02553 (15120824)	0.02576 (13121624)	0.03049 (13121624)	0.03042 (13121624)
3775602.4	0.02129 (15120824)	0.02193 (15120824)	0.02318 (13121624)	0.02504 (13121624)	0.02414 (13121624)
3775552.4	0.01896 (15120824)	0.01871 (15120224)	0.02087		

(13121624) 0.02158 (13121624) 0.02030m(15020724)
3775502.4 | 0.01669 (15120824) 0.01733 (13121624) 0.01887
(13121624) 0.01895 (13121624) 0.01784m(15020724)
3775452.4 | 0.01460 (15120824) 0.01607 (13121624) 0.01695
(13121624) 0.01665 (13121624) 0.01579m(15020724)
3775402.4 | 0.01362 (13121624) 0.01487 (13121624) 0.01530
(13121624) 0.01487m(15020724) 0.01415m(15020724)
3775352.4 | 0.01285 (13121624) 0.01368 (13121624) 0.01379
(13121624) 0.01343m(15020724) 0.01276m(15020724)
3775302.4 | 0.01207 (13121624) 0.01259 (13121624) 0.01251
(13121624) 0.01225m(15020724) 0.01161m(15020724)
3775252.4 | 0.01131 (13121624) 0.01159 (13121624)
0.01150m(15020724) 0.01124m(15020724) 0.01066m(15020724)
3775202.4 | 0.01062 (13121624) 0.01073 (13121624)
0.01069m(15020724) 0.01042m(15020724) 0.00989m(15020724)
3775152.4 | 0.01031b(12121224) 0.01058b(12121224)
0.01058b(12121224) 0.01009b(12121224) 0.00926m(15020724)
3775102.4 | 0.01037b(12121224) 0.01068b(12121224)
0.01082b(12121224) 0.01049b(12121224) 0.00950b(12121224)
3775052.4 | 0.01065b(12121224) 0.01097b(12121224)
0.01123b(12121224) 0.01107b(12121224) 0.01010b(12121224)
3775002.4 | 0.01120b(12121224) 0.01146b(12121224)
0.01182b(12121224) 0.01185b(12121224) 0.01092b(12121224)
3774952.4 | 0.01215b(12121224) 0.01228b(12121224)
0.01267b(12121224) 0.01316 (12120324) 0.01225b(12121224)
3774902.4 | 0.01349b(12121224) 0.01362b(12121224) 0.01470
(11032024) 0.01488 (12120324) 0.01409 (12120324)
3774852.4 | 0.01502b(12121224) 0.01549b(12121224) 0.01757
(11032024) 0.01829 (11032024) 0.01665 (12120324)
3774802.4 | 0.01672m(16123124) 0.01757b(12121224) 0.02074
(11032024) 0.02400 (11032024) 0.02198 (11032024)
3774752.4 | 0.01821m(16123124) 0.02047m(16123124) 0.02382
(11032024) 0.03143 (11032024) 0.03328 (11032024)
3774702.4 | 0.01969 (16011024) 0.02174m(16123124)
0.02442m(16123124) 0.03942 (11032024) 0.05258 (11032024)
3774652.4 | 0.02112 (16011024) 0.02600 (16011024) 0.03164
(16011024) 0.03485 (16011024) 0.07807 (11032024)
3774602.4 | 0.02777m(16092824) 0.03221m(16092824)
0.03643m(16092824) 0.04246 (15031224) 0.09087 (15103024)
3774552.4 | 0.02842m(16092824) 0.03497 (11010124) 0.04656
(11010124) 0.05825 (11010124) 0.14067 (16112924)
3774502.4 | 0.03457 (11010124) 0.04315 (11010124) 0.05121
(11010124) 0.05855 (13120824) 0.09029 (13101524)
3774452.4 | 0.03485 (11010124) 0.03871 (11010124) 0.04410
(13120824) 0.05493 (15120824) 0.06537 (13111324)
3774402.4 | 0.02945 (11010124) 0.03348 (13120824) 0.04294
(15120824) 0.04858 (15120824) 0.05505 (13121624)
3774352.4 | 0.02618 (13120824) 0.03359 (15120824) 0.03946

```
(15120824)      0.04194 (13121624)      0.04594 (13121624)
 3774302.4 |      0.02680 (15120824)      0.03149 (15120824)      0.03347
(15120224)      0.03752 (13121624)      0.03797 (13121624)
 3774252.4 |      0.02575 (15120824)      0.02797 (15120824)      0.02987
(13121624)      0.03416 (13121624)      0.03249 (13121624)
 3774202.4 |      0.02349 (15120824)      0.02441 (15120224)      0.02802
(13121624)      0.03161 (13121624)      0.02898 (13121624)
 3774152.4 |      0.02110 (15120824)      0.02200 (13121624)      0.02461
(13121624)      0.02544 (13121624)      0.02370m(15020724)
```

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                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE:
GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       472023.42
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3776102.4 |      0.06071 (11032024)
 3776052.4 |      0.09740 (11032024)
 3776002.4 |      0.44341 (15112124)
 3775952.4 |      0.14382 (13101524)
 3775902.4 |      0.06968 (13111324)
 3775852.4 |      0.05561 (13121624)
 3775802.4 |      0.04433 (13121624)
 3775752.4 |      0.03529 (13121624)
 3775702.4 |      0.02880m(15020724)
 3775652.4 |      0.02558m(15020724)
 3775602.4 |      0.02120m(15020724)
 3775552.4 |      0.01826m(15020724)
 3775502.4 |      0.01611m(15020724)
 3775452.4 |      0.01430m(15020724)
 3775402.4 |      0.01283m(15020724)
```

```
 3775352.4 |      0.01161m(15020724)
 3775302.4 |      0.01062m(15020724)
 3775252.4 |      0.00981m(15020724)
 3775202.4 |      0.00915m(15020724)
 3775152.4 |      0.00862m(15020724)
 3775102.4 |      0.00936 (13120724)
 3775052.4 |      0.01034 (13120724)
 3775002.4 |      0.01160 (13120724)
 3774952.4 |      0.01352 (13120724)
 3774902.4 |      0.01580 (13120724)
 3774852.4 |      0.01873 (13120724)
 3774802.4 |      0.02237 (13120724)
 3774752.4 |      0.02676 (13120724)
 3774702.4 |      0.03566 (16101724)
 3774652.4 |      0.06606 (11032024)
 3774602.4 |      0.04845 (13031424)
 3774552.4 |      0.24895 (13101524)
 3774502.4 |      0.08038 (12110424)
 3774452.4 |      0.05577 (13121624)
 3774402.4 |      0.04619 (13121624)
 3774352.4 |      0.03762 (13121624)
 3774302.4 |      0.03155m(15020724)
 3774252.4 |      0.02707m(15020724)
 3774202.4 |      0.02347m(15020724)
 3774152.4 |      0.02061m(15020724)
 *** AERMOD - VERSION  19191 ***   *** Existing Idling
                          ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:36:46

                                  PAGE 107
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                  *** NETWORK ID: UCART2   ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471764.54              471814.54              471864.54
       471914.54              471964.54
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

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- - - - - - - - - - - - - - - - - - - - - - - - -

 3776302.8 |      0.01317m(16123124)      0.01289m(16123124)      0.01527
(11032024)      0.01630 (11032024)      0.01528 (12120324)
 3776252.8 |      0.01526m(16123124)      0.01592m(16123124)      0.01763
(11032024)      0.02065 (11032024)      0.02010 (11032024)
 3776202.8 |      0.01677m(16123124)      0.01864m(16123124)      0.01991
(11032024)      0.02584 (11032024)      0.02862 (11032024)
 3776152.8 |      0.01742m(16123124)      0.02024m(16123124)
0.02272m(16123124)      0.03128 (11032024)      0.04136 (11032024)
 3776102.8 |      0.01958 (16011024)      0.02316 (16011024)      0.02655
(16011024)      0.02892 (11032024)      0.05724 (11032024)
↑ *** AERMOD - VERSION  19191 ***   *** Existing Idling
                          ***       01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***       10:36:46

                                 PAGE 108
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                 *** NETWORK ID: UCART2   ;  NETWORK TYPE:
GRIDCART ***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       472014.54
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3776302.8 |      0.01476 (13012524)
 3776252.8 |      0.01718 (13012524)
 3776202.8 |      0.02198 (11032024)
 3776152.8 |      0.03623 (11032024)
 3776102.8 |      0.06663 (11032024)
↑ *** AERMOD - VERSION  19191 ***   *** Existing Idling
                          ***       01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***       10:36:46

                                 PAGE 109
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

```
                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                  *** NETWORK ID: UCART3   ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       471756.60              471806.60              471856.60
       471906.60              471956.60
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3776504.7 |      0.00768 (11032024)      0.00830 (12120324)      0.00904
(12120324)      0.00906 (12120324)      0.00823 (12120324)
 3776454.7 |      0.00836 (11032024)      0.00911 (11032024)      0.00981
(12120324)      0.01020 (12120324)      0.00946 (12120324)
 3776404.7 |      0.00896m(16123124)      0.01026 (11032024)      0.01088
(11032024)      0.01140 (12120324)      0.01100 (12120324)
 3776354.7 |      0.01094m(16123124)      0.01134 (11032024)      0.01278
(11032024)      0.01296 (12120324)      0.01304 (12120324)
 3776304.7 |      0.01305m(16123124)      0.01289m(16123124)      0.01485
(11032024)      0.01616 (11032024)      0.01529 (12120324)
↑ *** AERMOD - VERSION  19191 ***   *** Existing Idling
                          ***       01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***       10:36:46

                                  PAGE 110
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                  *** NETWORK ID: UCART3   ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                 X-COORD (METERS)
```

```
  (METERS) |       472006.60
 - - -
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                  *** NETWORK ID: UCART4   ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       471914.52
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776653.9 |      0.00620 (12120324)
 3776603.9 |      0.00700 (12120324)
 3776553.9 |      0.00791 (12120324)
 3776503.9 |      0.00899 (12120324)
 *** AERMOD - VERSION  19191 ***   *** Existing Idling
                         ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:36:46

                                  PAGE 113
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                  *** NETWORK ID: UCART5   ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       471554.26              471604.26              471654.26
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776759.2 |      0.00411 (11032024)      0.00448 (12120324)      0.00495
(12120324)
```

```
 3776709.2 |      0.00422 (11032024)      0.00463 (11032024)      0.00506
(12120324)
 3776659.2 |      0.00482m(16123124)      0.00482 (11032024)      0.00526
(11032024)
 3776609.2 |      0.00552m(16123124)      0.00530m(16123124)      0.00556
(11032024)
 3776559.2 |      0.00628m(16123124)      0.00614m(16123124)
0.00585m(16123124)
↑ *** AERMOD - VERSION  19191 ***   *** Existing Idling
                         ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:36:46

                                  PAGE 114
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                  *** NETWORK ID: UCART6   ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471343.73              471393.73              471443.73
       471493.73              471543.73
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3776922.8 |      0.00302m(16123124)      0.00299 (12120324)      0.00324
(12120324)      0.00351 (12120324)      0.00381 (12120324)
 3776872.8 |      0.00335m(16123124)      0.00326m(16123124)      0.00327
(12120324)      0.00350 (16102724)      0.00379 (12120324)
 3776822.8 |      0.00370m(16123124)      0.00362m(16123124)
0.00351m(16123124)      0.00357 (11032024)      0.00386 (12120324)
 3776772.8 |      0.00409m(16123124)      0.00403m(16123124)
0.00394m(16123124)      0.00379m(16123124)      0.00400 (11032024)
 3776722.8 |      0.00449m(16123124)      0.00447m(16123124)
0.00441m(16123124)      0.00429m(16123124)      0.00411 (11032024)
 3776672.8 |      0.00488m(16123124)      0.00493m(16123124)
0.00492m(16123124)      0.00484m(16123124)      0.00469m(16123124)
 3776622.8 |      0.00525m(16123124)      0.00538m(16123124)
0.00545m(16123124)      0.00545m(16123124)      0.00536m(16123124)
 3776572.8 |      0.00556m(16123124)      0.00580m(16123124)
```

0.00598m(16123124) 0.00608m(16123124) 0.00608m(16123124)
↑ *** AERMOD - VERSION 19191 *** *** Existing Idling
*** 01/05/21
*** AERMET - VERSION 16216 *** ***
*** 10:36:46

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2
,

*** NETWORK ID: UCART7 ; NETWORK TYPE:
GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

Y-COORD | X-COORD (METERS)
(METERS) | 471137.27 471187.27 471237.27
471287.27 471337.27
- -
- -

3777005.9 | 0.00284m(16123124) 0.00279m(16123124)
0.00273m(16123124) 0.00266m(16123124) 0.00272 (12120324)
3776955.9 | 0.00309m(16123124) 0.00304m(16123124)
0.00298m(16123124) 0.00291m(16123124) 0.00284m(16123124)
3776905.9 | 0.00335m(16123124) 0.00332m(16123124)
0.00327m(16123124) 0.00321m(16123124) 0.00314m(16123124)
3776855.9 | 0.00361m(16123124) 0.00360m(16123124)
0.00358m(16123124) 0.00353m(16123124) 0.00347m(16123124)
3776805.9 | 0.00384m(16123124) 0.00388m(16123124)
0.00390m(16123124) 0.00388m(16123124) 0.00384m(16123124)
3776755.9 | 0.00404m(16123124) 0.00414m(16123124)
0.00420m(16123124) 0.00423m(16123124) 0.00423m(16123124)
↑ *** AERMOD - VERSION 19191 *** *** Existing Idling
*** 01/05/21
*** AERMET - VERSION 16216 *** ***
*** 10:36:46

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***

```
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                  *** NETWORK ID: UCART8   ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471025.84               471075.84               471125.84
       471175.84               471225.84
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3777113.8 |      0.00249m(16123124)      0.00243m(16123124)
0.00238m(16123124)      0.00233m(16123124)      0.00229 (12120324)
 3777063.8 |      0.00270m(16123124)      0.00264m(16123124)
0.00259m(16123124)      0.00253m(16123124)      0.00248m(16123124)
 3777013.8 |      0.00291m(16123124)      0.00287m(16123124)
0.00282m(16123124)      0.00276m(16123124)      0.00270m(16123124)
 *** AERMOD - VERSION  19191 ***   *** Existing Idling
                         ***       01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***       10:36:46

                                  PAGE 117
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                  *** NETWORK ID: UCART8   ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471275.84
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3777113.8 |      0.00245 (12120324)
 3777063.8 |      0.00247 (12120324)
 3777013.8 |      0.00264m(16123124)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 ,

*** NETWORK ID: UCART9 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 471071.36	471121.36	471171.36	471221.36
3777220.7	0.00204m(16123124)	0.00200m(16123124)	0.00208 (12120324)	0.00224 (12120324)
3777170.7	0.00222m(16123124)	0.00216m(16123124)	0.00212m(16123124)	0.00225 (12120324)
3777120.7	0.00241m(16123124)	0.00236m(16123124)	0.00230m(16123124)	0.00227 (12120324)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 ,

*** NETWORK ID: UCART10 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3

```
                    **

  Y-COORD  |                                                    X-COORD (METERS)
  (METERS) |       470606.55               470656.55               470706.55
       470756.55               470806.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3777252.6 |      0.00235m(16123124)      0.00234m(16123124)
0.00232m(16123124)      0.00228m(16123124)      0.00223m(16123124)
 3777202.6 |      0.00244m(16123124)      0.00246m(16123124)
0.00246m(16123124)      0.00244m(16123124)      0.00240m(16123124)
 3777152.6 |      0.00251m(16123124)      0.00256m(16123124)
0.00258m(16123124)      0.00258m(16123124)      0.00256m(16123124)
 3777102.6 |      0.00255m(16123124)      0.00263m(16123124)
0.00267m(16123124)      0.00270m(16123124)      0.00271m(16123124)
 3777052.6 |      0.00257m(16123124)      0.00266m(16123124)
0.00274m(16123124)      0.00280m(16123124)      0.00283m(16123124)
 *** AERMOD - VERSION  19191 ***   *** Existing Idling
                         ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:36:46

                                  PAGE 120
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                  *** NETWORK ID: UCART10  ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                    X-COORD (METERS)
  (METERS) |       470856.55               470906.55               470956.55
       471006.55               471056.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3777252.6 |      0.00216m(16123124)      0.00209m(16123124)
0.00201m(16123124)      0.00197m(16123124)      0.00195m(16123124)
 3777202.6 |      0.00235m(16123124)      0.00229m(16123124)
0.00223m(16123124)      0.00217m(16123124)      0.00212m(16123124)
 3777152.6 |      0.00252m(16123124)      0.00247m(16123124)
```

0.00242m(16123124) 0.00236m(16123124) 0.00230m(16123124)
3777102.6 | 0.00269m(16123124) 0.00266m(16123124)
0.00261m(16123124) 0.00256m(16123124) 0.00250m(16123124)
3777052.6 | 0.00284m(16123124) 0.00283m(16123124)
0.00281m(16123124) 0.00277m(16123124) 0.00271m(16123124)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 ,

*** NETWORK ID: UCART11 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS) | X-COORD (METERS)
470269.99 470319.99 470369.99 470419.99
- -

3777554.4 | 0.00181m(16123124) 0.00181m(16123124)
0.00180m(16123124) 0.00177m(16123124)
3777504.4 | 0.00187m(16123124) 0.00189m(16123124)
0.00189m(16123124) 0.00187m(16123124)
3777454.4 | 0.00193m(16123124) 0.00196m(16123124)
0.00197m(16123124) 0.00197m(16123124)
3777404.4 | 0.00197m(16123124) 0.00201m(16123124)
0.00204m(16123124) 0.00206m(16123124)
3777354.4 | 0.00198m(16123124) 0.00205m(16123124)
0.00210m(16123124) 0.00213m(16123124)
3777304.4 | 0.00198m(16123124) 0.00206m(16123124)
0.00213m(16123124) 0.00218m(16123124)

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                  *** NETWORK ID: UCART12  ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       468710.70               468760.70               468810.70
       468860.70               468910.70
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3779663.0 |      0.00041m(16123124)      0.00042m(16123124)
0.00042m(16123124)      0.00043m(16123124)      0.00043m(16123124)
 3779613.0 |      0.00042m(16123124)      0.00043m(16123124)
0.00043m(16123124)      0.00044m(16123124)      0.00044m(16123124)
 3779563.0 |      0.00042m(16123124)      0.00043m(16123124)
0.00044m(16123124)      0.00044m(16123124)      0.00045m(16123124)
 3779513.0 |      0.00042m(16123124)      0.00043m(16123124)
0.00044m(16123124)      0.00045m(16123124)      0.00046m(16123124)
 3779463.0 |      0.00043m(16123124)      0.00044m(16123124)
0.00045m(16123124)      0.00046m(16123124)      0.00046m(16123124)
 3779413.0 |      0.00043m(16123124)      0.00044m(16123124)
0.00045m(16123124)      0.00046m(16123124)      0.00047m(16123124)
 3779363.0 |      0.00043m(16123124)      0.00044m(16123124)
0.00045m(16123124)      0.00047m(16123124)      0.00047m(16123124)
 3779313.0 |      0.00045 (15122224)      0.00045m(16123124)
0.00046m(16123124)      0.00047m(16123124)      0.00048m(16123124)
↑ *** AERMOD - VERSION  19191 ***   *** Existing Idling
                          ***       01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***       10:36:46

                                  PAGE 123
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
 ,
```

```
                                   *** NETWORK ID: UCART12  ;  NETWORK TYPE:
GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       468960.70              469010.70              469060.70
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3779663.0 |      0.00043m(16123124)      0.00042m(16123124)      0.00044
(16102724)
 3779613.0 |      0.00044m(16123124)      0.00044m(16123124)      0.00043
(16102724)
 3779563.0 |      0.00045m(16123124)      0.00045m(16123124)
0.00045m(16123124)
 3779513.0 |      0.00046m(16123124)      0.00046m(16123124)
0.00046m(16123124)
 3779463.0 |      0.00047m(16123124)      0.00047m(16123124)
0.00048m(16123124)
 3779413.0 |      0.00048m(16123124)      0.00049m(16123124)
0.00049m(16123124)
 3779363.0 |      0.00048m(16123124)      0.00049m(16123124)
0.00050m(16123124)
 3779313.0 |      0.00049m(16123124)      0.00050m(16123124)
0.00051m(16123124)
↑ *** AERMOD - VERSION  19191 ***   *** Existing Idling
                          ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***        10:36:46

                                   PAGE 124
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                   *** NETWORK ID: UCART13  ;  NETWORK TYPE:
GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471075.86              471125.86              471175.86
```

```
      471225.86               471275.86
 - - -
```

```
  (METERS) |       471325.86               471375.86               471425.86
       471475.86               471525.86
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3777911.5 |      0.00200 (12120324)      0.00203 (12120324)      0.00203
(12120324)      0.00199 (12120324)      0.00191 (12120324)
 3777861.5 |      0.00205 (12120324)      0.00209 (12120324)      0.00209
(12120324)      0.00206 (12120324)      0.00199 (12120324)
 3777811.5 |      0.00209 (12120324)      0.00214 (12120324)      0.00216
(12120324)      0.00214 (12120324)      0.00208 (12120324)
 3777761.5 |      0.00214 (12120324)      0.00220 (12120324)      0.00223
(12120324)      0.00222 (12120324)      0.00217 (12120324)
 3777711.5 |      0.00218 (12120324)      0.00225 (12120324)      0.00229
(12120324)      0.00230 (12120324)      0.00226 (12120324)
 3777661.5 |      0.00223 (12120324)      0.00231 (12120324)      0.00236
(12120324)      0.00238 (12120324)      0.00236 (12120324)
 3777611.5 |      0.00228 (12120324)      0.00237 (12120324)      0.00243
(12120324)      0.00246 (12120324)      0.00245 (12120324)
 3777561.5 |      0.00233 (12120324)      0.00242 (12120324)      0.00250
(12120324)      0.00255 (12120324)      0.00255 (12120324)
 3777511.5 |      0.00238 (12120324)      0.00248 (12120324)      0.00257
(12120324)      0.00263 (12120324)      0.00265 (12120324)
 3777461.5 |      0.00243 (12120324)      0.00254 (12120324)      0.00264
(12120324)      0.00271 (12120324)      0.00275 (12120324)
 3777411.5 |      0.00247 (12120324)      0.00259 (12120324)      0.00271
(12120324)      0.00280 (12120324)      0.00285 (12120324)
 3777361.5 |      0.00251 (12120324)      0.00264 (12120324)      0.00277
(12120324)      0.00288 (12120324)      0.00296 (12120324)
 *** AERMOD - VERSION  19191 ***   *** Existing Idling
                         ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:36:46

                                  PAGE 126
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                  *** NETWORK ID: UCART14  ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **
```

```
  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       472114.69               472164.69               472214.69
       472264.69               472314.69
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3777124.5 |      0.00435 (13120724)      0.00495 (13120724)      0.00537
(13120724)      0.00562 (13120724)      0.00571 (13120724)
 3777074.5 |      0.00466 (13120724)      0.00529 (13120724)      0.00572
(13120724)      0.00596 (13120724)      0.00603 (13120724)
 3777024.5 |      0.00500 (13120724)      0.00567 (13120724)      0.00611
(13120724)      0.00634 (13120724)      0.00639 (13120724)
 3776974.5 |      0.00539 (13120724)      0.00609 (13120724)      0.00655
(13120724)      0.00676 (13120724)      0.00677 (13120724)
 3776924.5 |      0.00583 (13120724)      0.00656 (13120724)      0.00703
(13120724)      0.00722 (13120724)      0.00719 (13120724)
 3776874.5 |      0.00633 (13120724)      0.00710 (13120724)      0.00756
(13120724)      0.00772 (13120724)      0.00763 (13120724)
 3776824.5 |      0.00689 (13120724)      0.00771 (13120724)      0.00816
(13120724)      0.00827 (13120724)      0.00812 (13120724)
 3776774.5 |      0.00755 (13120724)      0.00841 (13120724)      0.00884
(13120724)      0.00888 (13120724)      0.00863 (13120724)
 3776724.5 |      0.00831 (13120724)      0.00923 (13120724)      0.00962
(13120724)      0.00956 (13120724)      0.00918 (13120724)
 3776674.5 |      0.00921 (13120724)      0.01018 (13120724)      0.01051
(13120724)      0.01030 (13120724)      0.00975 (13120724)
 3776624.5 |      0.01029 (13120724)      0.01130 (13120724)      0.01151
(13120724)      0.01110 (13120724)      0.01033 (13120724)
 3776574.5 |      0.01158 (13120724)      0.01258 (13120724)      0.01263
(13120724)      0.01195 (13120724)      0.01089 (12120224)
 3776524.5 |      0.01315 (13120724)      0.01411 (13120724)      0.01387
(13120724)      0.01281 (13120724)      0.01338 (12120224)
 3776474.5 |      0.01508 (13120724)      0.01594 (13120724)      0.01526
(13120724)      0.01458 (12120224)      0.01645 (12120224)
 3776424.5 |      0.01748 (13120724)      0.01815 (13120724)      0.01672
(13120724)      0.01847 (12120224)      0.02013 (12120224)
```



```
                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
 ,
```

*** NETWORK ID: UCART14 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 472364.69	472414.69	472464.69	472514.69	472564.69
3777124.5	0.00567 (13120724)	0.00554 (13120724)	0.00535 (13120724)	0.00513 (13120724)	0.00487 (13120724)
3777074.5	0.00597 (13120724)	0.00581 (13120724)	0.00558 (13120724)	0.00532 (13120724)	0.00503 (13120724)
3777024.5	0.00629 (13120724)	0.00609 (13120724)	0.00582 (13120724)	0.00552 (13120724)	0.00518 (13120724)
3776974.5	0.00663 (13120724)	0.00638 (13120724)	0.00606 (13120724)	0.00569 (13120724)	0.00531 (13120724)
3776924.5	0.00699 (13120724)	0.00668 (13120724)	0.00630 (13120724)	0.00587 (13120724)	0.00595 (12120224)
3776874.5	0.00736 (13120724)	0.00699 (13120724)	0.00653 (13120724)	0.00624 (12120224)	0.00679 (12120224)
3776824.5	0.00776 (13120724)	0.00729 (13120724)	0.00675 (13120724)	0.00719 (12120224)	0.00772 (12120224)
3776774.5	0.00817 (13120724)	0.00759 (13120724)	0.00761 (12120224)	0.00827 (12120224)	0.00875 (12120224)
3776724.5	0.00858 (13120724)	0.00804 (12120224)	0.00887 (12120224)	0.00950 (12120224)	0.00989 (12120224)
3776674.5	0.00897 (13120724)	0.00951 (12120224)	0.01032 (12120224)	0.01086 (12120224)	0.01106 (12120224)
3776624.5	0.01019 (12120224)	0.01124 (12120224)	0.01194 (12120224)	0.01228 (12120224)	0.01218 (12120224)
3776574.5	0.01226 (12120224)	0.01322 (12120224)	0.01365 (12120224)	0.01368 (12120224)	0.01318 (12120224)
3776524.5	0.01471 (12120224)	0.01536 (12120224)	0.01526 (12120224)	0.01463 (12120224)	0.01366 (12120224)
3776474.5	0.01747 (12120224)	0.01751 (12120224)	0.01666 (12120224)	0.01539 (12120224)	0.01380 (12120224)
3776424.5	0.02035 (12120224)	0.01938 (12120224)	0.01749 (12120224)	0.01560 (11081324)	0.01474 (11081324)

*** AERMOD - VERSION 19191 *** *** Existing Idling *** 01/05/21

*** AERMET - VERSION 16216 *** *** *** 10:36:46

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                  *** NETWORK ID: UCART15  ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       472138.17               472188.17               472238.17
       472288.17               472338.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3775714.7 |      0.01999b(12123024)      0.01748b(12123024)
0.01304b(12123024)      0.01211 (12031224)      0.01188 (16100524)
 3775664.7 |      0.01868b(12123024)      0.01732b(12123024)
0.01328b(12123024)      0.01044 (12031224)      0.01013 (12031224)
 3775614.7 |      0.01672b(12123024)      0.01585b(12123024)
0.01299b(12123024)      0.01012b(12123024)      0.00898 (12031224)
 3775564.7 |      0.01486b(12123024)      0.01431b(12123024)
0.01243b(12123024)      0.01016b(12123024)      0.00827 (11041424)
 3775514.7 |      0.01332b(12123024)      0.01312b(12123024)
0.01183b(12123024)      0.01001b(12123024)      0.00817 (11041424)
 3775464.7 |      0.01205b(12123024)      0.01208b(12123024)
0.01120b(12123024)      0.00976b(12123024)      0.00803b(12123024)
 3775414.7 |      0.01104b(12123024)      0.01118b(12123024)
0.01057b(12123024)      0.00941b(12123024)      0.00794b(12123024)
 3775364.7 |      0.01022b(12123024)      0.01042b(12123024)
0.00996b(12123024)      0.00903b(12123024)      0.00779b(12123024)
 3775314.7 |      0.00958b(12123024)      0.00977b(12123024)
0.00941b(12123024)      0.00863b(12123024)      0.00784 (13120724)
 3775264.7 |      0.00993 (13120724)      0.01014 (13120724)      0.00979
(13120724)      0.00908 (13120724)      0.00819 (13120724)
 3775214.7 |      0.01081 (13120724)      0.01101 (13120724)      0.01051
(13120724)      0.00961 (13120724)      0.00910 (12120224)
 3775164.7 |      0.01189 (13120724)      0.01200 (13120724)      0.01129
(13120724)      0.01014 (13120724)      0.01094 (12120224)
 3775114.7 |      0.01320 (13120724)      0.01313 (13120724)      0.01211
(13120724)      0.01174 (12120224)      0.01319 (12120224)
 3775064.7 |      0.01484 (13120724)      0.01448 (13120724)      0.01296
(13120724)      0.01451 (12120224)      0.01581 (12120224)
```

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 3775014.7 |      0.01688 (13120724)      0.01600 (13120724)      0.01594
(12120224)      0.01796 (12120224)      0.01866 (12120224)
 3774964.7 |      0.01913 (13120724)      0.01742 (13120724)      0.02043
(12120224)      0.02198 (12120224)      0.02153 (12120224)
 3774914.7 |      0.02186 (13120724)      0.02315 (12120224)      0.02609
(12120224)      0.02622 (12120224)      0.02434 (12120224)
 3774864.7 |      0.02577 (12120224)      0.03132 (12120224)      0.03271
(12120224)      0.03027 (12120224)      0.02565 (12120224)
 3774814.7 |      0.03700 (12120224)      0.04177 (12120224)      0.03885
(12120224)      0.03213 (11081324)      0.02836 (11081324)
 3774764.7 |      0.05383 (12120224)      0.05229 (12120224)      0.04183
(11081324)      0.03524 (13020624)      0.03094 (13020624)
 3774714.7 |      0.07163 (12120224)      0.05593 (12021324)
0.04602m(12042324)      0.03886 (15061124)      0.03385 (13111624)
 3774664.7 |      0.09164 (13102824)      0.06692 (13111624)      0.05600
(13111624)      0.04560 (13111624)      0.03711 (13111624)
 3774614.7 |      0.10412 (16051524)      0.07681 (16051524)      0.05681
(16051524)      0.04383 (16051524)      0.03483 (16051524)
 3774564.7 |      0.05677 (16051524)      0.05541 (16051524)      0.04575
(16051524)      0.03747 (16051524)      0.03104 (16051624)
 3774514.7 |      0.03002 (16092424)      0.02788 (16090524)      0.02667
(16090524)      0.02385 (16090524)      0.02164 (15060524)
 3774464.7 |      0.02399 (16092424)      0.02423 (16100524)      0.02129
(16100524)      0.01908 (16090524)      0.01738 (16090524)
 3774414.7 |      0.02453 (12022124)      0.01993 (16100524)      0.01919
(16100524)      0.01702 (16100524)      0.01460 (16100524)
 3774364.7 |      0.02298b(12123024)      0.01708 (12022124)      0.01606
(16100524)      0.01536 (16100524)      0.01380 (16100524)
 3774314.7 |      0.02229b(12123024)      0.01687b(12123024)      0.01332
(12031224)      0.01308 (16100524)      0.01243 (16100524)
 3774264.7 |      0.02088b(12123024)      0.01674b(12123024)
0.01278b(12123024)      0.01122 (12031224)      0.01084 (16100524)
↑ *** AERMOD - VERSION  19191 ***   *** Existing Idling
                          ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***        10:36:46

                                   PAGE 129
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                   *** NETWORK ID: UCART16  ;  NETWORK TYPE:
GRIDCART ***
```

```
                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       472255.22              472305.22              472355.22
       472405.22              472455.22
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3776236.9 |      0.03945 (12120224)      0.03262 (11081324)      0.02826
(11081324)      0.02522 (13020624)      0.02204 (13020624)
 3776186.9 |      0.04213 (11081324)      0.03587 (13020624)      0.03068
(13020624)      0.02614m(12082324)      0.02292 (13111624)
 3776136.9 |      0.04598m(12042324)      0.03944 (13111624)      0.03412
(13111624)      0.02948 (13111624)      0.02527 (13111624)
 3776086.9 |      0.05646 (13111624)      0.04543 (13111624)      0.03644
(13111624)      0.02989 (13111624)      0.02485 (13111624)
 3776036.9 |      0.05639 (16051524)      0.04329 (16051524)      0.03431
(16051524)      0.02822 (16051624)      0.02396 (16051624)
 3775986.9 |      0.04356 (16051524)      0.03582 (16051524)      0.03010
(16051624)      0.02566 (16051624)      0.02207 (16051624)
 3775936.9 |      0.02640 (16090524)      0.02331 (16090524)
0.02136m(13112024)      0.01949m(13112024)      0.01758m(13112024)
 3775886.9 |      0.02113 (16100524)      0.01871 (16090524)      0.01708
(16090524)      0.01559m(13112024)      0.01457m(13112024)
```



```
                                 *** THE SUMMARY OF MAXIMUM ANNUAL RESULTS
AVERAGED OVER   5 YEARS ***


                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                **


                         NETWORK
GROUP ID                      AVERAGE CONC                RECEPTOR  (XR, YR,
ZELEV, ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

ALL       1ST HIGHEST VALUE IS       0.04530 AT (  472023.42,  3776002.42,
```

```
345.20,   345.20,    0.00)  GC  UCART1
          2ND HIGHEST VALUE IS       0.03506 AT (  472138.17,  3774664.69,
331.90,   331.90,    0.00)  GC  UCART15
          3RD HIGHEST VALUE IS       0.03342 AT (  472138.17,  3774614.69,
331.50,   331.50,    0.00)  GC  UCART15
          4TH HIGHEST VALUE IS       0.03269 AT (  472023.42,  3774552.42,
332.30,   332.30,    0.00)  GC  UCART1
          5TH HIGHEST VALUE IS       0.02868 AT (  472188.17,  3774664.69,
331.70,   331.70,    0.00)  GC  UCART15
          6TH HIGHEST VALUE IS       0.02451 AT (  472188.17,  3774614.69,
331.20,   331.20,    0.00)  GC  UCART15
          7TH HIGHEST VALUE IS       0.02308 AT (  472188.17,  3774714.69,
332.00,   332.00,    0.00)  GC  UCART15
          8TH HIGHEST VALUE IS       0.02288 AT (  472023.42,  3776052.42,
345.60,   345.60,    0.00)  GC  UCART1
          9TH HIGHEST VALUE IS       0.02240 AT (  472023.42,  3775952.42,
344.90,   344.90,    0.00)  GC  UCART1
         10TH HIGHEST VALUE IS       0.02235 AT (  472138.17,  3774714.69,
332.20,   332.20,    0.00)  GC  UCART15


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION  19191 ***   *** Existing Idling
                         ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***        10:36:46

                                   PAGE 131
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                 *** THE SUMMARY OF HIGHEST  1-HR
RESULTS ***


                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                **

                                                          DATE
                                             NETWORK
GROUP ID                          AVERAGE CONC     (YYMMDDHH)             RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

ALL      HIGH   1ST HIGH VALUE IS       0.59583  ON 16092521: AT (  472023.42,
```

3776002.42, 345.20, 345.20, 0.00) GC UCART1

```
 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
↑ *** AERMOD - VERSION  19191 ***   *** Existing Idling
                          ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***        10:36:46

                                   PAGE 132
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                *** THE SUMMARY OF HIGHEST 24-HR
RESULTS ***


                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                **

                                                          DATE
                                            NETWORK
GROUP ID                           AVERAGE CONC     (YYMMDDHH)            RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

ALL      HIGH   1ST HIGH VALUE IS       0.44341  ON 15112124: AT (  472023.42,
3776002.42,  345.20,  345.20,  0.00)  GC  UCART1


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
↑ *** AERMOD - VERSION  19191 ***   *** Existing Idling
                          ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***        10:36:46

                                   PAGE 133
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------
```

```
 A Total of            0 Fatal Error Message(s)
 A Total of            7 Warning Message(s)
 A Total of          838 Informational Message(s)

 A Total of        43848 Hours Were Processed

 A Total of           40 Calm Hours Identified

 A Total of          798 Missing Hours Identified (  1.82 Percent)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186      68       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187      68       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 MX W438    8800        METQA: Convective Velocity Data Out-of-Range.  KURDAT =
  12010216
 MX W438   11536        METQA: Convective Velocity Data Out-of-Range.  KURDAT =
  12042516
 MX W420   16779        METQA: Wind Speed Out-of-Range.   KURDAT =
  12113003
 MX W450   26305       CHKDAT: Record Out of Sequence in Meteorological File at:
  15010101
 MX W450   26305       CHKDAT: Record Out of Sequence in Meteorological File at:
1 year gap

    ************************************
    *** AERMOD Finishes Successfully ***
    ************************************
```

```
**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.9.0
** Lakes Environmental Software Inc.
** Date: 1/5/2021
** File: C:\Lakes\AERMOD View\BNSF Ono\BNSF Ono_Operations\BNSF Ono_Operations.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE With Project Operations
   MODELOPT DFAULT CONC
   AVERTIME 1 24 ANNUAL
   URBANOPT 216995
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL "BNSF Ono_Operations.err"
CO FINISHED
**
****************************************
** AERMOD Source Pathway
****************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION STCK1        POINT      472030.810  3774598.710      332.440
** DESCRSRC Idle
   LOCATION STCK2        POINT      472046.160  3776025.910      344.630
** DESCRSRC Idle2
** Source Parameters **
   SRCPARAM STCK1          0.00055     4.880   351.000   3.73000     0.600

   SRCPARAM STCK2          0.00055     4.880   351.000   3.73000     0.600

   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
```

```
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
   INCLUDED "BNSF Ono_Operations.rou"
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
   SURFFILE FontanaADJU\FONT_V9_ADJU\FONT_v9.SFC
   PROFFILE FontanaADJU\FONT_V9_ADJU\FONT_v9.PFL
   SURFDATA 3102 2011
   UAIRDATA 3190 2011
   SITEDATA 99999 2011
   PROFBASE 367.0 METERS
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "BNSF ONO_OPERATIONS.AD\01H1GALL.PLT" 31
   PLOTFILE 24 ALL 1ST "BNSF ONO_OPERATIONS.AD\24H1GALL.PLT" 32
   PLOTFILE ANNUAL ALL "BNSF ONO_OPERATIONS.AD\AN00GALL.PLT" 33
   SUMMFILE "BNSF Ono_Operations.sum"
OU FINISHED
**
****************************************
** Project Parameters
****************************************
** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS    m
** ZONE     11
```

```
** ZONEINX  0
**
```

```
**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.9.0
** Lakes Environmental Software Inc.
** Date: 1/5/2021
** File: C:\Lakes\AERMOD View\BNSF Ono\BNSF Ono_Operations\BNSF Ono_Operations.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE With Project Operations
   MODELOPT DFAULT CONC
   AVERTIME 1 24 ANNUAL
   URBANOPT 216995
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL "BNSF Ono_Operations.err"
CO FINISHED
**
****************************************
** AERMOD Source Pathway
****************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION STCK1        POINT      472030.810  3774598.710      332.440
** DESCRSRC Idle
   LOCATION STCK2        POINT      472046.160  3776025.910      344.630
** DESCRSRC Idle2
** Source Parameters **
   SRCPARAM STCK1          0.00055     4.880   351.000   3.73000     0.600
   SRCPARAM STCK2          0.00055     4.880   351.000   3.73000     0.600
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
****************************************
** AERMOD Receptor Pathway
```

```
****************************************
**
**
RE STARTING
   INCLUDED "BNSF Ono_Operations.rou"
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
   SURFFILE FontanaADJU\FONT_V9_ADJU\FONT_v9.SFC
   PROFFILE FontanaADJU\FONT_V9_ADJU\FONT_v9.PFL
   SURFDATA 3102 2011
   UAIRDATA 3190 2011
   SITEDATA 99999 2011
   PROFBASE 367.0 METERS
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "BNSF ONO_OPERATIONS.AD\01H1GALL.PLT" 31
   PLOTFILE 24 ALL 1ST "BNSF ONO_OPERATIONS.AD\24H1GALL.PLT" 32
   PLOTFILE ANNUAL ALL "BNSF ONO_OPERATIONS.AD\AN00GALL.PLT" 33
   SUMMFILE "BNSF Ono_Operations.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
```

```
               ***  NONE  ***


   ********   WARNING MESSAGES   ********
 ME W186      68       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187      68       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

 *** AERMOD - VERSION  19191 ***   *** With Project Operations
                         ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:41:40

                                  PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                            ***     MODEL SETUP OPTIONS SUMMARY
  ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -

 **Model Is Setup For Calculation of Average CONCentration Values.

   --  DEPOSITION LOGIC  --
 **NO GAS DEPOSITION Data Provided.
 **NO PARTICLE DEPOSITION Data Provided.
 **Model Uses NO DRY DEPLETION.  DRYDPLT  =  F
 **Model Uses NO WET DEPLETION.  WETDPLT  =  F

 **Model Uses URBAN Dispersion Algorithm for the SBL for     2 Source(s),
   for Total of    1 Urban Area(s):
   Urban Population =    216995.0 ;  Urban Roughness Length =  1.000 m

 **Model Uses Regulatory DEFAULT Options:
        1. Stack-tip Downwash.
        2. Model Accounts for ELEVated Terrain Effects.
        3. Use Calms Processing Routine.
        4. Use Missing Data Processing Routine.
        5. No Exponential Decay.
        6. Urban Roughness Length of 1.0 Meter Assumed.

 **Other Options Specified:
        ADJ_U*   - Use ADJ_U* option for SBL in AERMET
```

```
 **Model Assumes No FLAGPOLE Receptor Heights.

 **The User Specified a Pollutant Type of:  PM_10

 **Model Calculates  2 Short Term Average(s) of:   1-HR  24-HR
     and Calculates ANNUAL Averages

 **This Run Includes:      2 Source(s);       1 Source Group(s); and    1037
Receptor(s)

                with:      2 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:      0 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with      0 line(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
          Model Outputs Tables of ANNUAL Averages by Receptor
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
          Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing
Hours
                                                                 b for Both Calm
and Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   367.00 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC                                ;
Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.7 MB of RAM.
```

```
 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   BNSF Ono_Operations.err

 **File for Summary of Results:   BNSF Ono_Operations.sum

 *** AERMOD - VERSION  19191 ***   *** With Project Operations
                         ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:41:40

                                  PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                 *** POINT SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE     STACK   STACK
STACK     STACK    BLDG   URBAN  CAP/  EMIS RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.    HEIGHT  TEMP.
EXIT VEL. DIAMETER  EXISTS SOURCE HOR   SCALAR
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (DEG.K)
(M/SEC)  (METERS)                     VARY BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 STCK1            0   0.55000E-03  472030.8 3774598.7   332.4     4.88   351.00
3.73     0.60    NO      YES   NO
 STCK2            0   0.55000E-03  472046.2 3776025.9   344.6     4.88   351.00
3.73     0.60    NO      YES   NO
 *** AERMOD - VERSION  19191 ***   *** With Project Operations
                         ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:41:40

                                  PAGE   3
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** SOURCE IDs DEFINING SOURCE GROUPS
***

 SRCGROUP ID                                                 SOURCE IDs
 -----------                                                 ----------
```

```
  ALL        STCK1       , STCK2       ,
↑ *** AERMOD - VERSION  19191 ***   *** With Project Operations
                          ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:41:40

                                  PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP                                    SOURCE IDs
  --------   ---------                                    ----------


               216995.   STCK1       , STCK2       ,
↑ *** AERMOD - VERSION  19191 ***   *** With Project Operations
                          ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:41:40

                                  PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                       *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE:
GRIDCART ***

                                        *** X-COORDINATES OF GRID ***
                                                  (METERS)

       471773.4,  471823.4,  471873.4,  471923.4,  471973.4,  472023.4,

                                        *** Y-COORDINATES OF GRID ***
                                                  (METERS)

      3774152.4, 3774202.4, 3774252.4, 3774302.4, 3774352.4, 3774402.4, 3774452.4,
3774502.4, 3774552.4, 3774602.4,
      3774652.4, 3774702.4, 3774752.4, 3774802.4, 3774852.4, 3774902.4, 3774952.4,
3775002.4, 3775052.4, 3775102.4,
      3775152.4, 3775202.4, 3775252.4, 3775302.4, 3775352.4, 3775402.4, 3775452.4,
3775502.4, 3775552.4, 3775602.4,
      3775652.4, 3775702.4, 3775752.4, 3775802.4, 3775852.4, 3775902.4, 3775952.4,
```

3776002.4, 3776052.4, 3776102.4,

*** AERMOD - VERSION 19191 *** *** With Project Operations
*** 01/05/21
*** AERMET - VERSION 16216 *** ***
*** 13:41:40

PAGE 6
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE:
GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471773.42	471823.42	471873.42	471923.42	471973.42	472023.42
3776102.42	348.00	347.60	347.10	346.60	346.10	345.90
3776052.42	347.60	347.30	346.90	346.40	346.00	345.60
3776002.42	347.10	346.90	346.60	346.30	345.70	345.20
3775952.42	346.50	346.30	346.10	345.70	345.30	344.90
3775902.42	346.20	345.90	345.60	345.40	345.20	344.60
3775852.42	345.70	345.40	345.10	344.80	344.70	344.40
3775802.42	345.30	345.00	344.60	344.30	344.20	344.00
3775752.42	344.80	344.50	344.10	343.80	343.60	343.40
3775702.42	344.40	344.10	343.70	343.40	343.10	342.90
3775652.42	343.90	344.10	344.90	346.50	348.50	345.10
3775602.42	343.50	343.30	343.00	342.90	343.10	342.30
3775552.42	342.90	342.60	342.10	341.80	341.50	341.20
3775502.42	342.40	342.10	341.80	341.50	341.10	340.90
3775452.42	341.80	341.50	341.20	340.90	340.50	

340.30					
3775402.42	341.40	341.20	340.90	340.60	340.20
339.70					
3775352.42	340.80	340.60	340.20	339.90	339.60
339.10					
3775302.42	340.30	340.00	339.70	339.50	339.10
338.60					
3775252.42	339.70	339.30	339.00	338.80	338.50
338.10					
3775202.42	339.30	338.80	338.60	338.30	338.00
337.70					
3775152.42	338.80	338.40	338.10	337.80	337.40
337.20					
3775102.42	338.40	338.00	337.60	337.50	337.00
336.80					
3775052.42	337.90	337.40	337.20	337.50	338.00
337.00					
3775002.42	337.60	337.10	336.90	337.20	338.50
337.00					
3774952.42	337.20	336.80	336.50	336.00	335.60
335.40					
3774902.42	336.90	336.40	336.10	335.50	335.20
334.80					
3774852.42	336.60	336.10	335.70	335.10	334.70
334.30					
3774802.42	336.20	335.70	335.30	334.70	334.30
334.00					
3774752.42	335.90	335.40	335.10	334.50	334.10
333.60					
3774702.42	335.50	335.10	334.90	334.30	333.90
333.30					
3774652.42	335.10	334.70	334.40	334.00	333.70
333.10					
3774602.42	334.60	334.10	333.90	333.50	333.20
332.60					
3774552.42	334.30	333.80	333.60	333.10	332.90
332.30					
3774502.42	333.80	333.30	332.90	332.50	332.30
331.80					
3774452.42	333.50	332.90	332.50	331.90	331.80
331.40					
3774402.42	332.80	332.40	331.90	331.50	331.20
330.90					
3774352.42	332.30	331.90	331.60	331.10	330.70
330.40					
3774302.42	331.70	331.30	331.00	330.60	330.20
329.90					
3774252.42	331.40	330.80	331.50	332.00	330.90

```
   329.40
  3774202.42 |        330.70       330.70       332.80       336.00       334.40
   329.00
  3774152.42 |        330.70       330.40       330.20       330.70       330.20
   328.80
↑ *** AERMOD - VERSION  19191 ***   *** With Project Operations
                          ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                         ***        13:41:40

                                    PAGE   7
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                  *** NETWORK ID: UCART1   ;  NETWORK TYPE:
GRIDCART ***

                                                * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471773.42    471823.42    471873.42    471923.42    471973.42
472023.42
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3776102.42 |        348.00       347.60       347.10       346.60       346.10
   345.90
  3776052.42 |        347.60       347.30       346.90       346.40       346.00
   345.60
  3776002.42 |        347.10       346.90       346.60       346.30       345.70
   345.20
  3775952.42 |        346.50       346.30       346.10       345.70       345.30
   344.90
  3775902.42 |        346.20       345.90       345.60       345.40       345.20
   344.60
  3775852.42 |        345.70       345.40       345.10       344.80       344.70
   344.40
  3775802.42 |        345.30       345.00       344.60       344.30       344.20
   344.00
  3775752.42 |        344.80       344.50       344.10       343.80       343.60
   343.40
  3775702.42 |        344.40       344.10       343.70       343.40       350.60
   350.60
  3775652.42 |        343.90       344.10       344.90       348.60       350.60
   350.60
  3775602.42 |        343.50       343.30       343.00       350.60       350.60
   350.60
  3775552.42 |        342.90       342.60       342.10       341.80       350.60
   341.20
```

3775502.42	342.40	342.10	341.80	341.50	341.10
340.90					
3775452.42	341.80	341.50	341.20	340.90	340.50
340.30					
3775402.42	341.40	341.20	340.90	340.60	340.20
339.70					
3775352.42	340.80	340.60	340.20	339.90	339.60
339.10					
3775302.42	340.30	340.00	339.70	339.50	339.10
338.60					
3775252.42	339.70	339.30	339.00	338.80	338.50
338.10					
3775202.42	339.30	338.80	338.60	338.30	338.00
337.70					
3775152.42	338.80	338.40	338.10	337.80	337.40
337.20					
3775102.42	338.40	338.00	337.60	337.50	337.00
336.80					
3775052.42	337.90	337.40	337.20	337.50	342.30
342.30					
3775002.42	337.60	337.10	336.90	337.20	342.30
342.30					
3774952.42	337.20	336.80	336.50	336.00	335.60
335.40					
3774902.42	336.90	336.40	336.10	335.50	335.20
334.80					
3774852.42	336.60	336.10	335.70	335.10	334.70
334.30					
3774802.42	336.20	335.70	335.30	334.70	334.30
334.00					
3774752.42	335.90	335.40	335.10	334.50	334.10
333.60					
3774702.42	335.50	335.10	334.90	334.30	333.90
333.30					
3774652.42	335.10	334.70	334.40	334.00	333.70
333.10					
3774602.42	334.60	334.10	333.90	333.50	333.20
332.60					
3774552.42	334.30	333.80	333.60	333.10	332.90
332.30					
3774502.42	333.80	333.30	332.90	332.50	332.30
331.80					
3774452.42	333.50	332.90	332.50	331.90	331.80
331.40					
3774402.42	332.80	332.40	331.90	331.50	331.20
330.90					
3774352.42	332.30	331.90	331.60	331.10	330.70
330.40					

```
  3774302.42 |        331.70       331.30       331.00       330.60       330.20
   329.90
  3774252.42 |        331.40       330.80       331.50       336.80       337.30
   336.80
  3774202.42 |        330.70       330.70       332.80       336.00       337.30
   337.30
  3774152.42 |        330.70       330.40       330.20       337.30       337.30
   337.30
*** AERMOD - VERSION  19191 ***   *** With Project Operations
                         ***       01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***       13:41:40

                                 PAGE   8
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                      *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                 *** NETWORK ID: UCART2   ;  NETWORK TYPE:
GRIDCART ***

                                        *** X-COORDINATES OF GRID ***
                                                  (METERS)

       471764.5,  471814.5,  471864.5,  471914.5,  471964.5,  472014.5,

                                        *** Y-COORDINATES OF GRID ***
                                                  (METERS)

      3776102.8, 3776152.8, 3776202.8, 3776252.8, 3776302.8,
*** AERMOD - VERSION  19191 ***   *** With Project Operations
                         ***       01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***       13:41:40

                                 PAGE   9
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                 *** NETWORK ID: UCART2   ;  NETWORK TYPE:
GRIDCART ***

                                            * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     471764.54    471814.54    471864.54    471914.54    471964.54
472014.54
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
```

```
  3776302.75 |        349.90       349.30       348.70       347.90       347.30
   347.30
  3776252.75 |        349.40       348.80       348.20       347.60       347.00
   346.90
  3776202.75 |        349.00       348.40       347.90       347.50       346.70
   346.50
  3776152.75 |        348.50       347.90       347.50       347.00       346.40
   346.20
  3776102.75 |        348.10       347.70       347.20       346.70       346.10
   346.00
*** AERMOD - VERSION  19191 ***   *** With Project Operations
                         ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:41:40

                                  PAGE  10
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** NETWORK ID: UCART2   ;  NETWORK TYPE:
GRIDCART ***

                                            * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     471764.54    471814.54    471864.54    471914.54    471964.54
472014.54
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

  3776302.75 |        349.90       349.30       348.70       347.90       347.30
   347.30
  3776252.75 |        349.40       348.80       348.20       347.60       347.00
   346.90
  3776202.75 |        349.00       348.40       347.90       347.50       346.70
   346.50
  3776152.75 |        348.50       347.90       347.50       347.00       346.40
   346.20
  3776102.75 |        348.10       347.70       347.20       346.70       346.10
   346.00
*** AERMOD - VERSION  19191 ***   *** With Project Operations
                         ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:41:40

                                  PAGE  11
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

471756.6, 471806.6, 471856.6, 471906.6, 471956.6, 472006.6,

*** Y-COORDINATES OF GRID ***
(METERS)

3776304.7, 3776354.7, 3776404.7, 3776454.7, 3776504.7,

*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471756.60	471806.60	471856.60	471906.60	471956.60	472006.60
3776504.71	351.30	350.60	350.10	349.40	347.80	344.40
3776454.71	351.10	350.60	350.50	350.50	349.40	343.80
3776404.71	350.80	350.20	350.20	351.40	349.60	345.10
3776354.71	350.30	349.70	349.00	348.30	347.80	347.00
3776304.71	350.00	349.40	348.80	348.00	347.40	347.20

*** AERMOD - VERSION 19191 *** *** With Project Operations ***
01/05/21
*** AERMET - VERSION 16216 *** ***
***
13:41:40

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471756.60	471806.60	471856.60	471906.60	471956.60	472006.60
3776504.71	351.30	350.60	350.10	349.40	349.50	353.50
3776454.71	351.10	350.60	350.50	350.50	349.40	352.00
3776404.71	350.80	350.20	350.20	352.50	352.00	352.00
3776354.71	350.30	349.70	349.00	348.30	347.80	347.00
3776304.71	350.00	349.40	348.80	348.00	347.40	347.20

*** AERMOD - VERSION 19191 *** *** With Project Operations
*** 01/05/21
*** AERMET - VERSION 16216 *** ***
*** 13:41:40

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

471664.5, 471714.5, 471764.5, 471814.5, 471864.5, 471914.5,

*** Y-COORDINATES OF GRID ***
(METERS)

3776503.9, 3776553.9, 3776603.9, 3776653.9,

*** AERMOD - VERSION 19191 *** *** With Project Operations
*** 01/05/21

*** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471664.52	471714.52	471764.52	471814.52	471864.52	471914.52
3776653.93	353.40	352.80	352.20	351.60	350.30	349.30
3776603.93	353.10	352.50	351.90	351.20	350.70	348.30
3776553.93	352.80	352.20	351.50	350.90	350.40	349.90
3776503.93	352.60	352.00	351.20	350.50	350.00	349.30

*** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471664.52	471714.52	471764.52	471814.52	471864.52	471914.52
3776653.93	353.40	352.80	352.20	351.60	350.30	349.30
3776603.93	353.10	352.50	351.90	351.20	350.70	348.30

```
  3776553.93 |        352.80       352.20       351.50       350.90       350.40
   349.90
  3776503.93 |        352.60       352.00       351.20       350.50       350.00
   349.30
*** AERMOD - VERSION  19191 ***   *** With Project Operations
                         ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:41:40

                                  PAGE  17
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                       *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                  *** NETWORK ID: UCART5   ;  NETWORK TYPE:
GRIDCART ***

                                         *** X-COORDINATES OF GRID ***
                                                   (METERS)

       471554.3,  471604.3,  471654.3,

                                         *** Y-COORDINATES OF GRID ***
                                                   (METERS)

      3776559.2, 3776609.2, 3776659.2, 3776709.2, 3776759.2,
*** AERMOD - VERSION  19191 ***   *** With Project Operations
                         ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:41:40

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                  *** NETWORK ID: UCART5   ;  NETWORK TYPE:
GRIDCART ***

                                             * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                             X-COORD (METERS)
    (METERS) |     471554.26    471604.26    471654.26
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

  3776759.20 |        355.30       354.70       354.20
  3776709.20 |        355.00       354.50       353.90
  3776659.20 |        354.70       354.10       353.60
  3776609.20 |        354.30       353.80       353.30
```

```
  3776559.20 |        354.00       353.50       353.00
↑ *** AERMOD - VERSION  19191 ***   *** With Project Operations
                          ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:41:40

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                 *** NETWORK ID: UCART5   ;  NETWORK TYPE:
GRIDCART ***

                                              * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     471554.26    471604.26    471654.26
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3776759.20 |        355.30       354.70       354.20
  3776709.20 |        355.00       354.50       353.90
  3776659.20 |        354.70       354.10       353.60
  3776609.20 |        354.30       353.80       353.30
  3776559.20 |        354.00       353.50       353.00
↑ *** AERMOD - VERSION  19191 ***   *** With Project Operations
                          ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:41:40

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                       *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                 *** NETWORK ID: UCART6   ;  NETWORK TYPE:
GRIDCART ***

                                         *** X-COORDINATES OF GRID ***
                                                   (METERS)

       471343.7,  471393.7,  471443.7,  471493.7,  471543.7,

                                         *** Y-COORDINATES OF GRID ***
                                                   (METERS)

      3776572.8, 3776622.8, 3776672.8, 3776722.8, 3776772.8, 3776822.8, 3776872.8,
3776922.8,
↑ *** AERMOD - VERSION  19191 ***   *** With Project Operations
```

*** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471343.73	471393.73	471443.73	471493.73	471543.73
3776922.78	358.80	358.10	357.30	357.00	356.40
3776872.78	358.30	357.70	356.90	358.10	358.40
3776822.78	358.00	357.40	356.70	357.50	357.40
3776772.78	357.70	357.10	356.50	356.10	356.00
3776722.78	357.50	356.90	356.30	355.70	355.20
3776672.78	357.50	356.70	356.10	355.50	354.90
3776622.78	356.90	356.40	355.90	355.10	354.50
3776572.78	356.50	355.90	355.50	354.80	354.20

*** NETWORK ID: UCART6 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471343.73	471393.73	471443.73	471493.73	471543.73
3776922.78	358.80	358.10	357.30	357.00	356.40
3776872.78	358.30	357.70	356.90	359.50	360.40
3776822.78	358.00	357.40	356.70	360.10	360.50
3776772.78	357.70	357.10	356.50	356.10	356.00
3776722.78	357.50	356.90	356.30	355.70	355.20

```
  3776672.78 |        357.50       356.70       356.10       355.50       354.90
  3776622.78 |        356.90       356.40       355.90       355.10       354.50
  3776572.78 |        356.50       355.90       355.50       354.80       354.20
*** AERMOD - VERSION  19191 ***   *** With Project Operations
                         ***       01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***       13:41:40

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                     *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                 *** NETWORK ID: UCART7   ;  NETWORK TYPE:
GRIDCART ***

                                       *** X-COORDINATES OF GRID ***
                                                 (METERS)

       471137.3,  471187.3,  471237.3,  471287.3,  471337.3,

                                       *** Y-COORDINATES OF GRID ***
                                                 (METERS)

      3776755.9, 3776805.9, 3776855.9, 3776905.9, 3776955.9, 3777005.9,
*** AERMOD - VERSION  19191 ***   *** With Project Operations
                         ***       01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***       13:41:40

                                 PAGE  24
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                 *** NETWORK ID: UCART7   ;  NETWORK TYPE:
GRIDCART ***

                                            * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     471137.27    471187.27    471237.27    471287.27    471337.27
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

  3777005.91 |        361.50       360.80       360.10       359.60       358.90
  3776955.91 |        361.50       360.90       360.20       359.70       358.90
  3776905.91 |        361.30       360.60       359.80       359.30       358.70
  3776855.91 |        361.00       360.30       359.60       359.00       358.30
  3776805.91 |        360.70       360.10       359.30       358.70       358.00
```

```
  3776755.91 |        360.50       359.70       359.10       358.50       357.80
↑ *** AERMOD - VERSION  19191 ***   *** With Project Operations
                          ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:41:40

                                   PAGE  25
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                 *** NETWORK ID: UCART7   ;  NETWORK TYPE:
GRIDCART ***

                                              * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     471137.27    471187.27    471237.27    471287.27    471337.27
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

  3777005.91 |        361.50       360.80       360.10       359.60       358.90
  3776955.91 |        361.50       360.90       360.20       359.70       358.90
  3776905.91 |        361.30       360.60       359.80       359.30       358.70
  3776855.91 |        361.00       360.30       359.60       359.00       358.30
  3776805.91 |        360.70       360.10       359.30       358.70       358.00
  3776755.91 |        360.50       359.70       359.10       358.50       357.80
↑ *** AERMOD - VERSION  19191 ***   *** With Project Operations
                          ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:41:40

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                       *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                 *** NETWORK ID: UCART8   ;  NETWORK TYPE:
GRIDCART ***

                                        *** X-COORDINATES OF GRID ***
                                                  (METERS)

       471025.8,  471075.8,  471125.8,  471175.8,  471225.8,  471275.8,

                                        *** Y-COORDINATES OF GRID ***
                                                  (METERS)

      3777013.8, 3777063.8, 3777113.8,
↑ *** AERMOD - VERSION  19191 ***   *** With Project Operations
```

*** NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471025.84	471075.84	471125.84	471175.84	471225.84	471275.84
3777113.78	363.20	362.60	361.70	361.20	360.70	360.40
3777063.78	363.10	362.50	361.80	361.20	360.40	359.90
3777013.78	363.00	362.40	361.70	361.00	360.30	359.70

*** NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471025.84	471075.84	471125.84	471175.84	471225.84	471275.84
3777113.78	363.20	362.60	361.70	361.20	360.70	360.40
3777063.78	363.10	362.50	361.80	361.20	360.40	359.90
3777013.78	363.00	362.40	361.70	361.00	360.30	

```
   359.70
↑ *** AERMOD - VERSION  19191 ***   *** With Project Operations
                          ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:41:40

                                   PAGE  29
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                        *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                   *** NETWORK ID: UCART9   ;  NETWORK TYPE:
GRIDCART ***

                                          *** X-COORDINATES OF GRID ***
                                                    (METERS)

       471071.4,  471121.4,  471171.4,  471221.4,

                                          *** Y-COORDINATES OF GRID ***
                                                    (METERS)

      3777120.7, 3777170.7, 3777220.7,
↑ *** AERMOD - VERSION  19191 ***   *** With Project Operations
                          ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:41:40

                                   PAGE  30
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                   *** NETWORK ID: UCART9   ;  NETWORK TYPE:
GRIDCART ***

                                             * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                             X-COORD (METERS)
    (METERS) |     471071.36    471121.36    471171.36    471221.36
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

  3777220.72 |        363.50       363.10       362.70       362.10
  3777170.72 |        363.00       362.60       361.80       361.50
  3777120.72 |        362.70       361.80       361.30       360.70
↑ *** AERMOD - VERSION  19191 ***   *** With Project Operations
                          ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:41:40
```

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART9 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471071.36	471121.36	471171.36	471221.36
3777220.72	363.50	363.10	362.70	362.10
3777170.72	363.00	362.60	361.80	361.50
3777120.72	362.70	361.80	361.30	360.70

*** AERMOD - VERSION 19191 *** *** With Project Operations
*** 01/05/21
*** AERMET - VERSION 16216 *** ***
*** 13:41:40

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART10 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

470606.5, 470656.5, 470706.5, 470756.5, 470806.5, 470856.5, 470906.5, 470956.5, 471006.5, 471056.5,

*** Y-COORDINATES OF GRID ***
(METERS)

3777052.6, 3777102.6, 3777152.6, 3777202.6, 3777252.6,

*** AERMOD - VERSION 19191 *** *** With Project Operations
*** 01/05/21
*** AERMET - VERSION 16216 *** ***
*** 13:41:40

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

```
                                *** NETWORK ID: UCART10  ;  NETWORK TYPE:
GRIDCART ***

                                            * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     470606.55    470656.55    470706.55    470756.55    470806.55
470856.55    470906.55    470956.55    471006.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

  3777252.65 |        369.40       368.60       367.70       367.30       367.00
   367.20       367.30       368.10       366.50
  3777202.65 |        369.10       368.10       367.40       366.80       366.10
   365.80       365.10       364.50       363.90
  3777152.65 |        368.40       367.50       366.90       366.30       365.80
   365.40       364.70       364.10       363.60
  3777102.65 |        368.30       367.30       366.90       366.30       365.60
   365.10       364.60       364.10       363.40
  3777052.65 |        367.90       367.10       366.80       366.20       365.50
   365.00       364.50       363.90       363.20
↑ *** AERMOD - VERSION  19191 ***   *** With Project Operations
                          ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:41:40

                                   PAGE  34
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** NETWORK ID: UCART10  ;  NETWORK TYPE:
GRIDCART ***

                                            * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     471056.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

  3777252.65 |        364.40
  3777202.65 |        363.40
  3777152.65 |        363.10
  3777102.65 |        362.90
  3777052.65 |        362.80
↑ *** AERMOD - VERSION  19191 ***   *** With Project Operations
                          ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

```
    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     470606.55    470656.55    470706.55    470756.55    470806.55
470856.55    470906.55    470956.55    471006.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

  3777252.65 |        369.40       368.60       367.70       367.30       367.00
   367.20       370.30       371.80       371.60
  3777202.65 |        369.10       368.10       367.40       366.80       366.10
   365.80       365.10       364.50       363.90
  3777152.65 |        368.40       367.50       366.90       366.30       365.80
   365.40       364.70       364.10       363.60
  3777102.65 |        368.30       367.30       366.90       366.30       365.60
   365.10       364.60       364.10       363.40
  3777052.65 |        367.90       367.10       366.80       366.20       365.50
   365.00       364.50       363.90       363.20
```


*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART10 ; NETWORK TYPE:
GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

```
    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471056.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

  3777252.65 |        364.40
  3777202.65 |        363.40
  3777152.65 |        363.10
  3777102.65 |        362.90
```

```
  3777052.65 |        362.80
↑ *** AERMOD - VERSION  19191 ***   *** With Project Operations
                          ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:41:40

                                   PAGE  37
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                        *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                   *** NETWORK ID: UCART11  ;  NETWORK TYPE:
GRIDCART ***

                                          *** X-COORDINATES OF GRID ***
                                                    (METERS)

       470270.0,  470320.0,  470370.0,  470420.0,

                                          *** Y-COORDINATES OF GRID ***
                                                    (METERS)

      3777304.4, 3777354.4, 3777404.4, 3777454.4, 3777504.4, 3777554.4,
↑ *** AERMOD - VERSION  19191 ***   *** With Project Operations
                          ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:41:40

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                   *** NETWORK ID: UCART11  ;  NETWORK TYPE:
GRIDCART ***

                                              * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     470269.99    470319.99    470369.99    470419.99
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3777554.36 |        376.20       375.30       374.70       374.10
  3777504.36 |        375.80       375.10       374.30       373.60
  3777454.36 |        375.30       374.70       373.80       373.10
  3777404.36 |        374.80       374.00       373.30       372.50
  3777354.36 |        374.10       373.50       372.80       372.00
  3777304.36 |        373.60       373.00       372.30       371.70
↑ *** AERMOD - VERSION  19191 ***   *** With Project Operations
```

*** NETWORK ID: UCART11 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 470269.99	470319.99	470369.99	470419.99
3777554.36	376.20	375.30	374.70	374.10
3777504.36	375.80	375.10	374.30	373.60
3777454.36	375.30	374.70	373.80	373.10
3777404.36	374.80	374.00	373.30	372.50
3777354.36	374.10	373.50	372.80	372.00
3777304.36	373.60	373.00	372.30	371.70

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART12 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

468710.7, 468760.7, 468810.7, 468860.7, 468910.7, 468960.7, 469010.7, 469060.7,

*** Y-COORDINATES OF GRID ***
(METERS)

3779313.0, 3779363.0, 3779413.0, 3779463.0, 3779513.0, 3779563.0, 3779613.0, 3779663.0,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART12 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 468710.70	468760.70	468810.70	468860.70	468910.70	468960.70	469010.70	469060.70
3779663.00	427.00	426.70	426.70	426.50	426.20	425.90	425.70	425.70
3779613.00	425.80	425.60	425.70	425.60	425.20	424.70	424.50	424.60
3779563.00	424.80	424.50	424.70	424.20	423.80	423.50	423.20	423.50
3779513.00	423.80	423.50	423.20	423.10	422.90	422.40	422.20	422.40
3779463.00	423.10	422.50	422.00	422.00	422.00	421.50	421.10	421.10
3779413.00	422.50	421.80	421.20	420.90	421.10	420.70	419.60	419.60
3779363.00	421.60	421.00	420.50	419.90	419.90	419.60	418.70	418.50
3779313.00	420.60	420.30	419.80	419.10	418.80	418.50	417.90	417.40

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART12 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD | X-COORD (METERS)

```
    (METERS) |     468710.70    468760.70    468810.70    468860.70    468910.70
468960.70    469010.70    469060.70
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

  3779663.00 |        558.10       570.40       570.90       570.90       570.90
   570.90       570.90       570.90
  3779613.00 |        558.10       558.10       570.90       570.90       570.90
   570.90       570.90       570.90
  3779563.00 |        558.10       558.10       570.90       570.90       570.90
   570.90       570.90       570.90
  3779513.00 |        558.10       558.10       570.40       570.90       570.90
   570.90       570.90       570.90
  3779463.00 |        423.10       558.10       558.10       570.90       570.90
   570.90       570.90       570.90
  3779413.00 |        422.50       557.30       558.10       570.40       570.90
   570.90       570.90       570.90
  3779363.00 |        421.60       421.00       558.10       558.10       570.90
   570.90       570.90       570.90
  3779313.00 |        420.60       420.30       419.80       558.10       558.10
   570.90       570.90       570.90
```



```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                        *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                    *** NETWORK ID: UCART13  ;  NETWORK TYPE:
GRIDCART ***

                                          *** X-COORDINATES OF GRID ***
                                                    (METERS)

       471075.9,  471125.9,  471175.9,  471225.9,  471275.9,  471325.9,  471375.9,
471425.9,  471475.9,  471525.9,


                                          *** Y-COORDINATES OF GRID ***
                                                    (METERS)

      3777361.5, 3777411.5, 3777461.5, 3777511.5, 3777561.5, 3777611.5, 3777661.5,
3777711.5, 3777761.5, 3777811.5,
      3777861.5, 3777911.5,
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART13 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 471075.86	471125.86	471175.86	471225.86	471275.86	471325.86	471375.86	471425.86	471475.86
3777911.53	373.10	372.90	372.10	371.10	370.20	369.40	368.60	367.90	367.20
3777861.53	372.30	372.20	371.70	371.00	370.10	369.10	368.10	367.50	366.70
3777811.53	371.60	371.50	371.20	370.70	370.00	368.90	367.80	366.90	366.30
3777761.53	370.80	370.80	370.50	370.10	369.40	368.60	367.40	366.50	365.90
3777711.53	369.90	369.60	369.30	369.00	368.60	368.00	366.90	366.20	365.40
3777661.53	369.20	368.90	368.40	368.10	367.80	367.30	366.40	365.50	364.90
3777611.53	368.50	368.20	367.70	367.20	366.90	366.50	365.80	364.90	364.30
3777561.53	367.70	367.40	367.00	366.60	366.10	365.70	365.00	364.30	363.60
3777511.53	366.90	366.50	366.10	365.70	365.20	364.80	364.00	363.70	363.30
3777461.53	366.30	365.80	365.40	365.00	364.50	364.00	363.30	362.90	362.90
3777411.53	365.80	365.20	364.70	364.20	363.70	363.20	362.60	362.00	361.80
3777361.53	364.70	364.40	363.80	364.20	363.30	362.50	362.00	361.30	360.90

*** NETWORK ID: UCART13 ; NETWORK TYPE:
GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

```
    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471525.86
 - - -
```

```
   532.40       532.40       532.40       532.40
  3777761.53 |        370.80       370.80       370.50       522.10       522.10
   530.00       530.00       532.20       530.00
  3777711.53 |        369.90       369.60       369.30       369.00       368.60
   368.00       522.10       522.10       522.10
  3777661.53 |        369.20       368.90       368.40       368.10       367.80
   367.30       366.40       365.50       364.90
  3777611.53 |        368.50       368.20       367.70       367.20       366.90
   366.50       365.80       364.90       364.30
  3777561.53 |        367.70       367.40       367.00       366.60       366.10
   365.70       365.00       364.30       363.60
  3777511.53 |        366.90       366.50       366.10       365.70       365.20
   364.80       364.00       363.70       363.30
  3777461.53 |        366.30       365.80       365.40       365.00       364.50
   364.00       363.30       362.90       362.90
  3777411.53 |        365.80       365.20       364.70       364.20       363.70
   363.20       362.60       362.00       361.80
  3777361.53 |        364.70       364.40       363.80       364.20       363.30
   362.50       362.00       361.30       360.90
↑ *** AERMOD - VERSION  19191 ***   *** With Project Operations
                          ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:41:40

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                 *** NETWORK ID: UCART13  ;  NETWORK TYPE:
GRIDCART ***

                                                 * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471525.86
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

  3777911.53 |        575.10
  3777861.53 |        575.10
  3777811.53 |        532.40
  3777761.53 |        530.00
  3777711.53 |        522.10
  3777661.53 |        364.40
  3777611.53 |        363.80
  3777561.53 |        363.10
  3777511.53 |        362.70
  3777461.53 |        362.20
  3777411.53 |        361.50
```

3777361.53 | 360.70
↑ *** AERMOD - VERSION 19191 *** *** With Project Operations
*** 01/05/21
*** AERMET - VERSION 16216 *** ***
*** 13:41:40

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART14 ; NETWORK TYPE:
GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

472114.7, 472164.7, 472214.7, 472264.7, 472314.7, 472364.7, 472414.7,
472464.7, 472514.7, 472564.7,

*** Y-COORDINATES OF GRID ***
(METERS)

3776424.5, 3776474.5, 3776524.5, 3776574.5, 3776624.5, 3776674.5, 3776724.5,
3776774.5, 3776824.5, 3776874.5,
3776924.5, 3776974.5, 3777024.5, 3777074.5, 3777124.5,
↑ *** AERMOD - VERSION 19191 *** *** With Project Operations
*** 01/05/21
*** AERMET - VERSION 16216 *** ***
*** 13:41:40

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART14 ; NETWORK TYPE:
GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD | X-COORD (METERS)
(METERS) | 472114.69 472164.69 472214.69 472264.69 472314.69
472364.69 472414.69 472464.69 472514.69
- - - -

```
  3777074.55 |        356.10       354.00       353.50       353.20       353.30
   353.40       353.70       353.90       354.20
  3777024.55 |        355.30       353.50       353.10       352.80       352.80
   352.90       353.20       353.30       353.50
  3776974.55 |        354.00       352.70       352.50       352.20       352.20
   352.40       352.50       352.40       351.80
  3776924.55 |        352.80       351.90       351.90       351.70       351.80
   351.90       352.00       351.70       351.20
  3776874.55 |        351.80       350.80       350.90       350.90       351.10
   351.10       351.30       351.10       350.90
  3776824.55 |        351.20       350.20       350.20       350.20       350.50
   350.60       350.80       350.60       350.20
  3776774.55 |        350.70       349.60       349.50       349.60       349.90
   350.10       350.20       350.10       349.70
  3776724.55 |        350.40       349.40       349.10       349.10       349.50
   349.60       349.60       349.50       349.50
  3776674.55 |        350.00       349.10       348.80       348.60       348.90
   348.90       348.90       348.80       349.10
  3776624.55 |        349.60       348.70       348.40       348.20       348.50
   348.30       348.30       348.20       348.60
  3776574.55 |        349.00       348.00       347.90       347.70       347.80
   347.70       347.70       347.60       348.20
  3776524.55 |        348.50       347.50       347.30       347.20       347.20
   347.10       347.00       346.80       346.80
  3776474.55 |        348.40       347.40       347.10       346.70       346.60
   346.50       346.40       346.20       346.30
  3776424.55 |        347.80       348.30       346.90       346.30       346.20
   346.00       345.90       345.60       345.70
 *** AERMOD - VERSION  19191 ***   *** With Project Operations
                          ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:41:40

                                   PAGE  50
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                 *** NETWORK ID: UCART14  ;  NETWORK TYPE:
GRIDCART ***

                                                 * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     472564.69
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3777124.55 |        354.90
  3777074.55 |        354.30
```

```
  3777024.55 |        353.60
  3776974.55 |        351.90
  3776924.55 |        351.30
  3776874.55 |        351.00
  3776824.55 |        350.30
  3776774.55 |        349.70
  3776724.55 |        349.50
  3776674.55 |        349.10
  3776624.55 |        348.60
  3776574.55 |        348.30
  3776524.55 |        347.00
  3776474.55 |        346.30
  3776424.55 |        345.80
```


*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART14 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

```
    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     472114.69    472164.69    472214.69    472264.69    472314.69
472364.69    472414.69    472464.69    472514.69
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3777124.55 |        357.00       354.30       354.10       353.80       353.90
   354.00       354.30       354.40       354.60
  3777074.55 |        356.10       354.00       353.50       353.20       353.30
   353.40       353.70       353.90       354.20
  3777024.55 |        355.30       353.50       353.10       352.80       352.80
   352.90       353.20       353.30       353.50
  3776974.55 |        354.00       352.70       352.50       352.20       352.20
   352.40       352.50       352.40       351.80
  3776924.55 |        352.80       351.90       351.90       351.70       351.80
   351.90       352.00       351.70       351.20
  3776874.55 |        354.00       350.80       350.90       350.90       351.10
   351.10       351.30       351.10       350.90
  3776824.55 |        351.20       350.20       350.20       350.20       350.50
   350.60       350.80       350.60       350.20
  3776774.55 |        353.00       349.60       349.50       349.60       349.90
   350.10       350.20       350.10       349.70
```

```
  3776724.55 |        350.40       349.40       349.10       349.10       349.50
   349.60       349.60       349.50       349.50
  3776674.55 |        350.00       349.10       348.80       348.60       348.90
   348.90       348.90       348.80       349.10
  3776624.55 |        349.60       348.70       348.40       348.20       348.50
   348.30       348.30       348.20       348.60
  3776574.55 |        349.00       348.00       347.90       347.70       347.80
   347.70       347.70       347.60       348.20
  3776524.55 |        348.50       347.50       347.30       347.20       347.20
   347.10       347.00       346.80       346.80
  3776474.55 |        348.40       347.40       347.10       346.70       346.60
   346.50       346.40       346.20       346.30
  3776424.55 |        347.80       348.30       346.90       346.30       346.20
   346.00       345.90       345.60       345.70
```


*** NETWORK ID: UCART14 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

```
    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     472564.69
 - - -
```

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART15 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

472138.2, 472188.2, 472238.2, 472288.2, 472338.2,

*** Y-COORDINATES OF GRID ***
(METERS)

3774264.7, 3774314.7, 3774364.7, 3774414.7, 3774464.7, 3774514.7, 3774564.7, 3774614.7, 3774664.7, 3774714.7,
3774764.7, 3774814.7, 3774864.7, 3774914.7, 3774964.7, 3775014.7, 3775064.7, 3775114.7, 3775164.7, 3775214.7,
3775264.7, 3775314.7, 3775364.7, 3775414.7, 3775464.7, 3775514.7, 3775564.7, 3775614.7, 3775664.7, 3775714.7,

*** NETWORK ID: UCART15 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 472138.17	472188.17	472238.17	472288.17	472338.17
3775714.69	340.60	342.10	341.50	341.20	340.50
3775664.69	342.20	344.00	341.50	340.80	340.10
3775614.69	342.00	342.70	340.80	340.30	339.80

3775564.69	341.10	340.80	339.80	339.80	339.50
3775514.69	340.20	339.90	339.20	339.20	339.00
3775464.69	339.30	339.20	338.70	338.80	338.60
3775414.69	338.60	338.50	338.20	338.20	338.00
3775364.69	338.00	338.00	337.70	337.70	337.60
3775314.69	337.60	337.50	337.20	337.10	337.00
3775264.69	337.20	337.00	336.60	336.50	336.50
3775214.69	336.80	336.80	336.30	336.00	335.90
3775164.69	336.30	336.30	335.70	335.50	335.20
3775114.69	335.70	335.60	335.10	335.00	334.60
3775064.69	335.50	335.40	334.50	334.20	333.90
3775014.69	336.20	335.40	334.10	333.80	333.30
3774964.69	334.10	333.90	333.50	333.30	332.70
3774914.69	333.40	333.60	333.10	332.70	332.30
3774864.69	333.10	333.20	332.60	332.20	331.70
3774814.69	332.80	332.70	332.10	331.60	331.20
3774764.69	332.60	332.50	331.90	331.40	331.20
3774714.69	332.20	332.00	331.50	331.20	330.80
3774664.69	331.90	331.70	331.10	330.80	330.50
3774614.69	331.50	331.20	330.70	330.40	330.00
3774564.69	331.20	330.90	330.40	330.20	329.80
3774514.69	330.70	330.60	330.00	329.80	329.30
3774464.69	329.80	330.40	329.70	329.50	328.90
3774414.69	329.80	330.10	329.40	329.00	328.50
3774364.69	330.10	329.60	328.90	328.60	328.20
3774314.69	331.10	328.80	328.30	327.90	327.40
3774264.69	332.70	329.30	327.90	327.50	327.00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART15 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 472138.17	472188.17	472238.17	472288.17	472338.17
3775714.69	340.60	342.10	341.50	341.20	340.50
3775664.69	345.50	344.00	341.50	340.80	340.10
3775614.69	342.00	346.00	340.80	340.30	339.80

3775564.69	341.10	343.40	339.80	339.80	339.50
3775514.69	340.20	339.90	339.20	339.20	339.00
3775464.69	339.30	339.20	338.70	338.80	338.60
3775414.69	338.60	338.50	338.20	338.20	338.00
3775364.69	338.00	338.00	337.70	337.70	337.60
3775314.69	337.60	337.50	337.20	337.10	337.00
3775264.69	337.20	337.00	336.60	336.50	336.50
3775214.69	336.80	336.80	336.30	336.00	335.90
3775164.69	336.30	336.30	335.70	335.50	335.20
3775114.69	335.70	335.60	335.10	335.00	334.60
3775064.69	335.50	335.40	334.50	334.20	333.90
3775014.69	336.20	335.40	334.10	333.80	333.30
3774964.69	334.10	333.90	333.50	333.30	332.70
3774914.69	333.40	333.60	333.10	332.70	332.30
3774864.69	333.10	333.20	332.60	332.20	331.70
3774814.69	332.80	332.70	332.10	331.60	331.20
3774764.69	332.60	332.50	331.90	331.40	331.20
3774714.69	332.20	332.00	331.50	331.20	330.80
3774664.69	331.90	331.70	331.10	330.80	330.50
3774614.69	331.50	331.20	330.70	330.40	330.00
3774564.69	331.20	330.90	330.40	330.20	329.80
3774514.69	330.70	330.60	330.00	329.80	329.30
3774464.69	329.80	330.40	329.70	329.50	328.90
3774414.69	329.80	330.10	329.40	329.00	328.50
3774364.69	330.10	329.60	328.90	328.60	328.20
3774314.69	331.10	328.80	328.30	327.90	327.40
3774264.69	332.70	331.90	327.90	327.50	327.00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART16 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

472255.2, 472305.2, 472355.2, 472405.2, 472455.2,

*** Y-COORDINATES OF GRID ***
(METERS)

3775886.9, 3775936.9, 3775986.9, 3776036.9, 3776086.9, 3776136.9, 3776186.9, 3776236.9,

*** AERMOD - VERSION 19191 *** *** With Project Operations
*** 01/05/21
*** AERMET - VERSION 16216 *** ***
*** 13:41:40

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART16 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 472255.22	472305.22	472355.22	472405.22	472455.22
3776236.95	344.90	344.70	344.30	344.10	343.90
3776186.95	344.60	344.50	343.90	343.90	343.50
3776136.95	344.20	344.20	343.50	343.40	343.00
3776086.95	343.90	343.70	343.10	342.80	342.40
3776036.95	343.60	343.20	342.70	342.30	341.90
3775986.95	343.30	342.90	342.50	342.00	341.40
3775936.95	343.10	342.50	342.20	341.70	341.00
3775886.95	342.60	342.20	341.70	341.30	340.50

*** AERMOD - VERSION 19191 *** *** With Project Operations
*** 01/05/21
*** AERMET - VERSION 16216 *** ***
*** 13:41:40

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART16 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 472255.22	472305.22	472355.22	472405.22	472455.22
3776236.95	344.90	344.70	344.30	344.10	343.90
3776186.95	344.60	344.50	343.90	343.90	343.50

```
  3776136.95 |        344.20       344.20       343.50       343.40       343.00
  3776086.95 |        343.90       343.70       343.10       342.80       342.40
  3776036.95 |        343.60       343.20       342.70       342.30       341.90
  3775986.95 |        343.30       342.90       342.50       342.00       341.40
  3775936.95 |        343.10       342.50       342.20       341.70       341.00
  3775886.95 |        342.60       342.20       341.70       341.30       340.50
```



```
                                                *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***
                                                                    (1=YES; 0=NO)

           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

```
                                    *** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED
CATEGORIES ***
                                                          (METERS/SEC)

                                                 1.54,   3.09,   5.14,   8.23,
10.80,
```


```
 *** AERMOD - VERSION  19191 ***   *** With Project Operations
                         ***       01/05/21
 *** AERMET - VERSION  16216 ***   ***
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: FontanaADJU\FONT_V9_ADJU\FONT_v9.SFC
Met Version: 16216
Profile file: FontanaADJU\FONT_V9_ADJU\FONT_v9.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 3102 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN

Year: 2011 Year: 2011

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
11	01	01	1	01	-18.5	0.194	-9.000	-9.000	-999.	204.	41.2	0.25	2.82	1.00	1.80	69.	9.1	276.4	5.5
11	01	01	1	02	-23.8	0.239	-9.000	-9.000	-999.	281.	63.0	0.25	2.82	1.00	2.20	52.	9.1	275.4	5.5
11	01	01	1	03	-18.5	0.194	-9.000	-9.000	-999.	205.	41.2	0.25	2.82	1.00	1.80	32.	9.1	275.4	5.5
11	01	01	1	04	-1.4	0.067	-9.000	-9.000	-999.	57.	18.3	0.25	2.82	1.00	0.40	27.	9.1	274.2	5.5
11	01	01	1	05	-18.6	0.194	-9.000	-9.000	-999.	204.	41.2	0.25	2.82	1.00	1.80	51.	9.1	274.2	5.5
11	01	01	1	06	-29.7	0.296	-9.000	-9.000	-999.	387.	96.6	0.25	2.82	1.00	2.70	53.	9.1	274.2	5.5
11	01	01	1	07	-24.0	0.239	-9.000	-9.000	-999.	282.	63.0	0.25	2.82	1.00	2.20	70.	9.1	274.2	5.5
11	01	01	1	08	-8.4	0.138	-9.000	-9.000	-999.	127.	27.3	0.25	2.82	0.54	1.30	72.	9.1	275.4	5.5
11	01	01	1	09	44.3	0.280	0.571	0.005	147.	356.	-43.5	0.25	2.82	0.32	2.20	67.	9.1	277.5	5.5
11	01	01	1	10	122.7	0.264	0.952	0.005	247.	326.	-13.2	0.25	2.82	0.25	1.80	83.	9.1	279.9	5.5
11	01	01	1	11	179.8	0.316	1.733	0.005	1017.	426.	-15.4	0.25	2.82	0.22	2.20	58.	9.1	282.0	5.5

```
 11 01 01   1 12  206.0  0.320  1.940  0.008 1244.  435.    -14.0  0.25   2.82
0.21    2.20  115.    9.1  283.1    5.5
 11 01 01   1 13  132.6  0.214  1.733  0.009 1377.  243.     -6.5  0.25   2.82
0.21    1.30  147.    9.1  284.2    5.5
 11 01 01   1 14  147.0  0.216  1.818  0.009 1431.  242.     -6.0  0.25   2.82
0.23    1.30  219.    9.1  284.9    5.5
 11 01 01   1 15  104.0  0.208  1.633  0.009 1468.  228.     -7.6  0.25   2.82
0.26    1.30  126.    9.1  285.4    5.5
 11 01 01   1 16   26.4  0.140  1.037  0.009 1477.  127.     -9.1  0.25   2.82
0.35    0.90  151.    9.1  284.9    5.5
 11 01 01   1 17   -9.0  0.137 -9.000 -9.000 -999.  121.     24.9  0.25   2.82
0.63    1.30   69.    9.1  283.1    5.5
 11 01 01   1 18  -33.4  0.342 -9.000 -9.000 -999.  481.    129.0  0.25   2.82
1.00    3.10   81.    9.1  281.4    5.5
 11 01 01   1 19  -33.6  0.342 -9.000 -9.000 -999.  481.    128.9  0.25   2.82
1.00    3.10   51.    9.1  279.9    5.5
 11 01 01   1 20  -23.6  0.239 -9.000 -9.000 -999.  287.     63.1  0.25   2.82
1.00    2.20   77.    9.1  278.8    5.5
 11 01 01   1 21  -18.5  0.194 -9.000 -9.000 -999.  205.     41.2  0.25   2.82
1.00    1.80   53.    9.1  277.5    5.5
 11 01 01   1 22  -23.7  0.239 -9.000 -9.000 -999.  281.     63.0  0.25   2.82
1.00    2.20   58.    9.1  277.5    5.5
 11 01 01   1 23  -18.5  0.194 -9.000 -9.000 -999.  205.     41.2  0.25   2.82
1.00    1.80   64.    9.1  277.5    5.5
 11 01 01   1 24   -4.5  0.094 -9.000 -9.000 -999.   74.     16.3  0.25   2.82
1.00    0.90   52.    9.1  277.0    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 11 01 01 01    5.5 0 -999.  -99.00   276.5   99.0  -99.00  -99.00
 11 01 01 01    9.1 1   69.    1.80  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION  19191 ***   *** With Project Operations
                          ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:41:40

                                   PAGE  61
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE:
```

GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 471773.42	471823.42	471873.42	471923.42	471973.42	472023.42
3776102.42	0.00214	0.00257	0.00316	0.00398	0.00499	0.00645
3776052.42	0.00250	0.00305	0.00381	0.00487	0.00657	0.01339
3776002.42	0.00294	0.00366	0.00472	0.00621	0.00890	0.02651
3775952.42	0.00343	0.00439	0.00586	0.00829	0.01147	0.01311
3775902.42	0.00383	0.00498	0.00668	0.00906	0.01131	0.01035
3775852.42	0.00413	0.00527	0.00678	0.00840	0.00931	0.00831
3775802.42	0.00421	0.00518	0.00626	0.00713	0.00734	0.00651
3775752.42	0.00409	0.00482	0.00550	0.00592	0.00585	0.00520
3775702.42	0.00384	0.00436	0.00477	0.00495	0.00478	0.00428
3775652.42	0.00354	0.00392	0.00422	0.00423	0.00390	0.00373
3775602.42	0.00324	0.00348	0.00361	0.00360	0.00344	0.00311
3775552.42	0.00296	0.00311	0.00316	0.00311	0.00294	0.00270
3775502.42	0.00270	0.00279	0.00281	0.00275	0.00260	0.00241
3775452.42	0.00248	0.00253	0.00253	0.00246	0.00234	0.00218
3775402.42	0.00229	0.00232	0.00230	0.00224	0.00213	0.00200
3775352.42	0.00213	0.00214	0.00212	0.00206	0.00198	0.00187
3775302.42	0.00200	0.00201	0.00198	0.00193	0.00186	0.00178
3775252.42	0.00190	0.00190	0.00188	0.00184	0.00178	0.00172
3775202.42	0.00182	0.00183	0.00181	0.00178	0.00174	

```
0.00169
3775152.42 |       0.00177      0.00178      0.00177      0.00175      0.00173
0.00170
3775102.42 |       0.00175      0.00176      0.00177      0.00176      0.00175
0.00174
3775052.42 |       0.00175      0.00178      0.00180      0.00179      0.00177
0.00180
3775002.42 |       0.00177      0.00182      0.00186      0.00186      0.00183
0.00190
3774952.42 |       0.00183      0.00190      0.00196      0.00203      0.00209
0.00215
3774902.42 |       0.00191      0.00202      0.00212      0.00224      0.00234
0.00246
3774852.42 |       0.00202      0.00218      0.00235      0.00254      0.00271
0.00292
3774802.42 |       0.00217      0.00240      0.00266      0.00296      0.00325
0.00358
3774752.42 |       0.00235      0.00266      0.00303      0.00351      0.00400
0.00464
3774702.42 |       0.00260      0.00299      0.00349      0.00423      0.00504
0.00604
3774652.42 |       0.00291      0.00344      0.00414      0.00510      0.00668
0.01071
3774602.42 |       0.00332      0.00407      0.00505      0.00624      0.01003
0.00226
3774552.42 |       0.00378      0.00479      0.00625      0.00840      0.01305
0.01826
3774502.42 |       0.00428      0.00556      0.00753      0.01025      0.01235
0.00977
3774452.42 |       0.00462      0.00598      0.00773      0.00956      0.01042
0.00850
3774402.42 |       0.00478      0.00589      0.00711      0.00811      0.00812
0.00681
3774352.42 |       0.00463      0.00546      0.00626      0.00669      0.00642
0.00549
3774302.42 |       0.00432      0.00490      0.00537      0.00550      0.00519
0.00450
3774252.42 |       0.00397      0.00434      0.00467      0.00474      0.00438
0.00376
3774202.42 |       0.00358      0.00385      0.00409      0.00392      0.00370
0.00320
3774152.42 |       0.00325      0.00340      0.00344      0.00338      0.00314
0.00277
 *** AERMOD - VERSION  19191 ***   *** With Project Operations
                         ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:41:40
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 471764.54	471814.54	471864.54	471914.54	471964.54	472014.54
3776302.75	0.00120	0.00136	0.00152	0.00171	0.00190	0.00205
3776252.75	0.00137	0.00158	0.00181	0.00207	0.00234	0.00257
3776202.75	0.00156	0.00182	0.00214	0.00249	0.00295	0.00334
3776152.75	0.00179	0.00213	0.00255	0.00309	0.00379	0.00445
3776102.75	0.00207	0.00248	0.00303	0.00380	0.00482	0.00609

*** AERMOD - VERSION 19191 *** *** With Project Operations ***
01/05/21
*** AERMET - VERSION 16216 *** ***
*** 13:41:40

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 ,

*** NETWORK ID: UCART3 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

```
    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471756.60    471806.60    471856.60    471906.60    471956.60
472006.60
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

  3776504.71 |       0.00074      0.00079      0.00084      0.00090      0.00100
  0.00118
  3776454.71 |       0.00082      0.00089      0.00094      0.00098      0.00107
  0.00136
  3776404.71 |       0.00092      0.00101      0.00107      0.00109      0.00122
  0.00160
  3776354.71 |       0.00104      0.00116      0.00128      0.00141      0.00154
  0.00169
  3776304.71 |       0.00118      0.00133      0.00149      0.00167      0.00186
  0.00202
*** AERMOD - VERSION  19191 ***   *** With Project Operations
                         ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:41:40

                                  PAGE  64
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                  *** NETWORK ID: UCART4   ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471664.52    471714.52    471764.52    471814.52    471864.52
471914.52
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

  3776653.93 |       0.00050      0.00053      0.00055      0.00058      0.00062
  0.00066
  3776603.93 |       0.00054      0.00057      0.00061      0.00064      0.00068
  0.00075
  3776553.93 |       0.00059      0.00063      0.00067      0.00072      0.00076
  0.00080
```

```
  3776503.93 |       0.00065      0.00070      0.00075      0.00080      0.00085
  0.00091
↑ *** AERMOD - VERSION  19191 ***   *** With Project Operations
                          ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:41:40

                                   PAGE  65
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                   *** NETWORK ID: UCART5   ;  NETWORK TYPE:
GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471554.26    471604.26    471654.26
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

  3776759.20 |       0.00038      0.00040      0.00042
  3776709.20 |       0.00041      0.00043      0.00045
  3776659.20 |       0.00044      0.00046      0.00049
  3776609.20 |       0.00048      0.00050      0.00053
  3776559.20 |       0.00051      0.00055      0.00058
↑ *** AERMOD - VERSION  19191 ***   *** With Project Operations
                          ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:41:40

                                   PAGE  66
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                   *** NETWORK ID: UCART6   ;  NETWORK TYPE:
GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
```

```
                    **

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471343.73    471393.73    471443.73    471493.73    471543.73
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3776922.78 |       0.00026      0.00027      0.00029      0.00029      0.00031
  3776872.78 |       0.00028      0.00029      0.00030      0.00031      0.00031
  3776822.78 |       0.00029      0.00031      0.00032      0.00033      0.00034
  3776772.78 |       0.00031      0.00033      0.00034      0.00036      0.00037
  3776722.78 |       0.00033      0.00034      0.00036      0.00038      0.00040
  3776672.78 |       0.00034      0.00036      0.00038      0.00041      0.00043
  3776622.78 |       0.00037      0.00039      0.00041      0.00043      0.00046
  3776572.78 |       0.00039      0.00041      0.00044      0.00046      0.00050
↑ *** AERMOD - VERSION  19191 ***   *** With Project Operations
                          ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:41:40

                                   PAGE  67
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                   *** NETWORK ID: UCART7   ;  NETWORK TYPE:
GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

    Y-COORD  |                                                X-COORD (METERS)
    (METERS) |     471137.27    471187.27    471237.27    471287.27    471337.27
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3777005.91 |       0.00021      0.00022      0.00023      0.00023      0.00024
  3776955.91 |       0.00022      0.00023      0.00024      0.00024      0.00025
  3776905.91 |       0.00023      0.00024      0.00025      0.00026      0.00027
  3776855.91 |       0.00024      0.00025      0.00026      0.00027      0.00028
  3776805.91 |       0.00025      0.00026      0.00027      0.00029      0.00030
  3776755.91 |       0.00026      0.00027      0.00029      0.00030      0.00031
↑ *** AERMOD - VERSION  19191 ***   *** With Project Operations
                          ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 ,

*** NETWORK ID: UCART8 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 471025.84	471075.84	471125.84	471175.84	471225.84	471275.84
3777113.78	0.00018	0.00019	0.00019	0.00020	0.00020	0.00021
3777063.78	0.00019	0.00019	0.00020	0.00021	0.00021	0.00022
3777013.78	0.00019	0.00020	0.00021	0.00022	0.00022	0.00023

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 ,

*** NETWORK ID: UCART9 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)

```
    (METERS) |     471071.36    471121.36    471171.36    471221.36
 - - -
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                  *** NETWORK ID: UCART10  ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     471056.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

  3777252.65 |       0.00016
  3777202.65 |       0.00017
  3777152.65 |       0.00018
  3777102.65 |       0.00019
  3777052.65 |       0.00019
 *** AERMOD - VERSION  19191 ***   *** With Project Operations
                         ***       01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***       13:41:40

                                  PAGE  72
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                  *** NETWORK ID: UCART11  ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     470269.99    470319.99    470369.99    470419.99
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

  3777554.36 |       0.00009      0.00009      0.00010      0.00010
```

```
  3777504.36 |       0.00009      0.00010      0.00010      0.00010
  3777454.36 |       0.00010      0.00010      0.00010      0.00010
  3777404.36 |       0.00010      0.00010      0.00010      0.00011
  3777354.36 |       0.00010      0.00010      0.00011      0.00011
  3777304.36 |       0.00010      0.00011      0.00011      0.00011
```



```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                   *** NETWORK ID: UCART12  ;  NETWORK TYPE:
GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     468710.70    468760.70    468810.70    468860.70    468910.70
468960.70    469010.70    469060.70
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3779663.00 |       0.00003      0.00003      0.00003      0.00003      0.00003
  0.00003      0.00003      0.00003
  3779613.00 |       0.00003      0.00003      0.00003      0.00003      0.00003
  0.00003      0.00003      0.00003
  3779563.00 |       0.00003      0.00003      0.00003      0.00003      0.00003
  0.00003      0.00003      0.00003
  3779513.00 |       0.00003      0.00003      0.00003      0.00003      0.00003
  0.00003      0.00003      0.00003
  3779463.00 |       0.00003      0.00003      0.00003      0.00003      0.00003
  0.00003      0.00003      0.00003
  3779413.00 |       0.00003      0.00003      0.00003      0.00003      0.00003
  0.00003      0.00003      0.00003
  3779363.00 |       0.00003      0.00003      0.00003      0.00003      0.00003
  0.00003      0.00003      0.00003
  3779313.00 |       0.00003      0.00003      0.00003      0.00003      0.00003
  0.00003      0.00003      0.00003
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 ,

*** NETWORK ID: UCART13 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 471075.86	471125.86	471175.86	471225.86	471275.86	471325.86	471375.86	471425.86	471475.86
3777911.53	0.00010	0.00010	0.00010	0.00010	0.00011	0.00011	0.00011	0.00011	0.00011
3777861.53	0.00010	0.00010	0.00011	0.00011	0.00011	0.00011	0.00011	0.00012	0.00012
3777811.53	0.00011	0.00011	0.00011	0.00011	0.00011	0.00012	0.00012	0.00012	0.00012
3777761.53	0.00011	0.00011	0.00011	0.00012	0.00012	0.00012	0.00012	0.00012	0.00013
3777711.53	0.00012	0.00012	0.00012	0.00012	0.00012	0.00012	0.00013	0.00013	0.00013
3777661.53	0.00012	0.00012	0.00012	0.00013	0.00013	0.00013	0.00013	0.00013	0.00014
3777611.53	0.00012	0.00013	0.00013	0.00013	0.00013	0.00014	0.00014	0.00014	0.00014
3777561.53	0.00013	0.00013	0.00013	0.00014	0.00014	0.00014	0.00014	0.00015	0.00015
3777511.53	0.00013	0.00014	0.00014	0.00014	0.00015	0.00015	0.00015	0.00015	0.00016
3777461.53	0.00014	0.00014	0.00015	0.00015	0.00015	0.00015	0.00016	0.00016	0.00016
3777411.53	0.00015	0.00015	0.00015	0.00016	0.00016	0.00016	0.00017	0.00017	0.00017
3777361.53	0.00015	0.00016	0.00016	0.00016	0.00017	0.00017	0.00017	0.00018	0.00018

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 ,

*** NETWORK ID: UCART13 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 471525.86
3777911.53	0.00011
3777861.53	0.00012
3777811.53	0.00012
3777761.53	0.00013
3777711.53	0.00013
3777661.53	0.00014
3777611.53	0.00015
3777561.53	0.00015
3777511.53	0.00016
3777461.53	0.00017
3777411.53	0.00018
3777361.53	0.00018

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 ,

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 472114.69	472164.69	472214.69	472264.69	472314.69	472364.69	472414.69	472464.69	472514.69
3777124.55	0.00030	0.00032	0.00032	0.00033	0.00034	0.00035	0.00035	0.00036	0.00038
3777074.55	0.00032	0.00034	0.00035	0.00036	0.00037	0.00037	0.00038	0.00040	0.00041
3777024.55	0.00035	0.00037	0.00038	0.00039	0.00040	0.00041	0.00042	0.00044	0.00045
3776974.55	0.00038	0.00040	0.00041	0.00042	0.00043	0.00045	0.00046	0.00048	0.00052
3776924.55	0.00042	0.00044	0.00045	0.00046	0.00047	0.00049	0.00051	0.00054	0.00058
3776874.55	0.00046	0.00049	0.00050	0.00051	0.00053	0.00055	0.00058	0.00061	0.00065
3776824.55	0.00051	0.00054	0.00055	0.00057	0.00059	0.00062	0.00065	0.00070	0.00075
3776774.55	0.00057	0.00060	0.00062	0.00064	0.00067	0.00070	0.00075	0.00080	0.00087
3776724.55	0.00063	0.00066	0.00069	0.00072	0.00076	0.00081	0.00087	0.00094	0.00101
3776674.55	0.00070	0.00074	0.00078	0.00083	0.00088	0.00095	0.00103	0.00111	0.00119
3776624.55	0.00079	0.00085	0.00090	0.00096	0.00103	0.00113	0.00123	0.00133	0.00142
3776574.55	0.00091	0.00098	0.00105	0.00114	0.00124	0.00136	0.00149	0.00161	0.00169
3776524.55	0.00105	0.00115	0.00125	0.00138	0.00152	0.00168	0.00183	0.00196	0.00204
3776474.55	0.00122	0.00136	0.00151	0.00171	0.00192	0.00211	0.00227	0.00239	0.00244
3776424.55	0.00147	0.00158	0.00188	0.00218	0.00245	0.00268	0.00283	0.00289	0.00287

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                  *** NETWORK ID: UCART14  ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     472564.69
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

  3777124.55 |       0.00039
  3777074.55 |       0.00043
  3777024.55 |       0.00048
  3776974.55 |       0.00054
  3776924.55 |       0.00061
  3776874.55 |       0.00070
  3776824.55 |       0.00080
  3776774.55 |       0.00093
  3776724.55 |       0.00108
  3776674.55 |       0.00127
  3776624.55 |       0.00150
  3776574.55 |       0.00177
  3776524.55 |       0.00209
  3776474.55 |       0.00244
  3776424.55 |       0.00281
 *** AERMOD - VERSION  19191 ***   *** With Project Operations
                          ***       01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***       13:41:40

                                  PAGE  78
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                  *** NETWORK ID: UCART15  ;  NETWORK TYPE:
GRIDCART ***
```

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 472138.17	472188.17	472238.17	472288.17	472338.17
3775714.69	0.00287	0.00250	0.00216	0.00191	0.00171
3775664.69	0.00264	0.00233	0.00199	0.00177	0.00160
3775614.69	0.00237	0.00210	0.00184	0.00166	0.00151
3775564.69	0.00214	0.00191	0.00171	0.00157	0.00145
3775514.69	0.00196	0.00177	0.00162	0.00150	0.00140
3775464.69	0.00182	0.00167	0.00155	0.00145	0.00137
3775414.69	0.00172	0.00160	0.00150	0.00142	0.00136
3775364.69	0.00165	0.00155	0.00147	0.00141	0.00137
3775314.69	0.00160	0.00153	0.00147	0.00143	0.00141
3775264.69	0.00158	0.00153	0.00150	0.00148	0.00148
3775214.69	0.00159	0.00156	0.00155	0.00156	0.00159
3775164.69	0.00163	0.00162	0.00165	0.00169	0.00176
3775114.69	0.00172	0.00174	0.00181	0.00189	0.00201
3775064.69	0.00185	0.00191	0.00205	0.00220	0.00236
3775014.69	0.00200	0.00215	0.00241	0.00263	0.00284
3774964.69	0.00241	0.00265	0.00298	0.00327	0.00348
3774914.69	0.00298	0.00334	0.00383	0.00416	0.00429
3774864.69	0.00384	0.00448	0.00509	0.00534	0.00528
3774814.69	0.00532	0.00636	0.00687	0.00681	0.00638
3774764.69	0.00805	0.00936	0.00927	0.00844	0.00742
3774714.69	0.01319	0.01338	0.01160	0.00963	0.00790
3774664.69	0.02028	0.01640	0.01236	0.00953	0.00753
3774614.69	0.01906	0.01397	0.01029	0.00794	0.00631
3774564.69	0.00897	0.00828	0.00690	0.00576	0.00482
3774514.69	0.00535	0.00498	0.00447	0.00400	0.00353
3774464.69	0.00435	0.00380	0.00332	0.00300	0.00270
3774414.69	0.00383	0.00324	0.00277	0.00245	0.00221
3774364.69	0.00342	0.00284	0.00243	0.00214	0.00191
3774314.69	0.00310	0.00251	0.00216	0.00190	0.00170
3774264.69	0.00281	0.00228	0.00195	0.00173	0.00154

*** AERMOD - VERSION 19191 *** *** With Project Operations
*** 01/05/21
*** AERMET - VERSION 16216 *** ***
*** 13:41:40

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5

```
YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                   *** NETWORK ID: UCART16  ;  NETWORK TYPE:
GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     472255.22    472305.22    472355.22    472405.22    472455.22
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3776236.95 |       0.00684      0.00678      0.00631      0.00571      0.00508
  3776186.95 |       0.00934      0.00846      0.00730      0.00628      0.00536
  3776136.95 |       0.01163      0.00957      0.00773      0.00636      0.00529
  3776086.95 |       0.01217      0.00932      0.00728      0.00587      0.00483
  3776036.95 |       0.00991      0.00762      0.00604      0.00494      0.00412
  3775986.95 |       0.00653      0.00545      0.00458      0.00389      0.00334
  3775936.95 |       0.00427      0.00379      0.00337      0.00299      0.00265
  3775886.95 |       0.00319      0.00286      0.00259      0.00236      0.00214
↑ *** AERMOD - VERSION  19191 ***   *** With Project Operations
                          ***       01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***       13:41:40

                                   PAGE  80
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE:
GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       471773.42              471823.42              471873.42
       471923.42              471973.42
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
```

```
 3776102.4 |      0.05253 (11082723)      0.05862 (15090724)      0.07099
(15070104)      0.08667 (11011522)      0.11397 (11032019)
 3776052.4 |      0.05540 (15101220)      0.06286 (16111017)      0.07263
(15013123)      0.09914 (13122622)      0.16192 (15042702)
 3776002.4 |      0.05607 (16021020)      0.06577 (16021020)      0.07600
(16021020)      0.09941 (11012603)      0.16853 (16021419)
 3775952.4 |      0.05260 (11090623)      0.06497 (15100920)      0.07707
(15100920)      0.08715 (15100820)      0.12538 (16020919)
 3775902.4 |      0.05305 (15100920)      0.05657 (15100920)      0.06400
(15100924)      0.08011 (15102205)      0.09293 (15102123)
 3775852.4 |      0.04538 (16092623)      0.05118 (15081423)      0.06032
(15102205)      0.06849 (15102206)      0.07482 (15102201)
 3775802.4 |      0.04153 (15081423)      0.04662 (15102205)      0.05219
(15102206)      0.05871 (15102123)      0.06129 (15100921)
 3775752.4 |      0.03756 (13062923)      0.04114 (16072224)      0.04478
(15102203)      0.04834 (15102201)      0.05110 (15102202)
 3775702.4 |      0.03406 (16072224)      0.03634 (15091004)      0.03925
(15102123)      0.04116 (15100921)      0.04288 (15102202)
 3775652.4 |      0.03057 (13063003)      0.03286 (15082901)      0.03559
(16072222)      0.03880 (15100921)      0.04214 (15102202)
 3775602.4 |      0.02786 (15081306)      0.02939 (16072124)      0.03099
(16072223)      0.03152 (16083001)      0.03298 (13090524)
 3775552.4 |      0.02525 (15082901)      0.02669 (16072222)      0.02756
(16061924)      0.02817 (13083002)      0.02884 (13090424)
 3775502.4 |      0.02311 (16072124)      0.02421 (16072222)      0.02479
(12081401)      0.02550 (13083002)      0.02580 (13090424)
 3775452.4 |      0.02124 (16072222)      0.02191 (16061924)      0.02238
(16083001)      0.02301 (13083002)      0.02324 (15101304)
 3775402.4 |      0.02009 (15081522)      0.02069 (13090422)      0.02080
(13090422)      0.02098 (13090524)      0.02115 (15081323)
 3775352.4 |      0.02110 (15081522)      0.02179 (15063020)      0.02215
(13090422)      0.02164 (12082102)      0.02212 (12092121)
 3775302.4 |      0.02203 (15081522)      0.02291 (15063020)      0.02365
(13090422)      0.02304 (13090923)      0.02358 (12092121)
 3775252.4 |      0.02340 (13092321)      0.02424 (15081522)      0.02515
(13090422)      0.02454 (13090923)      0.02520 (12092121)
 3775202.4 |      0.02519 (13092321)      0.02587 (15081522)      0.02682
(13090422)      0.02667 (13090422)      0.02710 (12092121)
 3775152.4 |      0.02704 (16072824)      0.02739 (15081522)      0.02883
(15063020)      0.02929 (13090422)      0.02923 (12092121)
 3775102.4 |      0.02908 (16072824)      0.02990 (13092321)      0.03101
(15081522)      0.03233 (13090422)      0.03179 (12092121)
 3775052.4 |      0.03124 (16102718)      0.03243 (16072824)      0.03384
(15081522)      0.03585 (13090422)      0.03552 (12092121)
 3775002.4 |      0.03458 (15082522)      0.03548 (16072824)      0.03655
(13092321)      0.03933 (13090422)      0.03928 (12092121)
 3774952.4 |      0.03736 (15082522)      0.03899 (16102718)      0.04054
(16072824)      0.04288 (15090919)      0.04309 (13090422)
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 3774902.4 |      0.03952 (16072803)      0.04388 (15082522)      0.04515
(15101121)      0.04804 (15090919)      0.04968 (13090422)
 3774852.4 |      0.04487 (15081422)      0.04596 (13051321)      0.05129
(15082522)      0.05327 (15101121)      0.05690 (13090422)
 3774802.4 |      0.04827 (13090622)      0.05311 (15081422)      0.05637
(13051321)      0.06170 (15101121)      0.06773 (15090919)
 3774752.4 |      0.04951 (16091920)      0.05715 (13090622)      0.06412
(15090824)      0.06891 (12081122)      0.07703 (15090919)
 3774702.4 |      0.05348 (16081423)      0.05966 (16081423)      0.06903
(11011522)      0.08299 (12101503)      0.10180 (13122903)
 3774652.4 |      0.05522 (12091322)      0.06232 (12091322)      0.07824
(15070104)      0.10373 (15070104)      0.15544 (13122904)
 3774602.4 |      0.05611 (13090523)      0.06568 (16111017)      0.08104
(16092603)      0.12043 (15100905)      0.20788 (15031222)
 3774552.4 |      0.05519 (11090723)      0.06409 (11090521)      0.07900
(15100920)      0.10931 (15100820)      0.16820 (13100519)
 3774502.4 |      0.05751 (15100920)      0.06549 (15100920)      0.06899
(15092023)      0.08677 (16020919)      0.11318 (16020918)
 3774452.4 |      0.04855 (15092023)      0.05470 (16072301)      0.06707
(15102205)      0.07593 (15102206)      0.08282 (15100921)
 3774402.4 |      0.04491 (15081423)      0.05134 (15102205)      0.05750
(15102206)      0.06568 (15102123)      0.07037 (15102202)
 3774352.4 |      0.04075 (13062923)      0.04445 (16072224)      0.04994
(15102123)      0.05384 (15100921)      0.05872 (15102202)
 3774302.4 |      0.03648 (16081522)      0.03951 (15102203)      0.04335
(15102123)      0.04645 (15100921)      0.04936 (16092621)
 3774252.4 |      0.03277 (13063003)      0.03511 (15082901)      0.03900
(16072222)      0.04205 (15102202)      0.04438 (13090424)
 3774202.4 |      0.02969 (15081306)      0.03202 (16072222)      0.03544
(16061924)      0.04211 (15102202)      0.04246 (16061922)
 3774152.4 |      0.02726 (13090401)      0.02948 (16072222)      0.03111
(12081401)      0.03377 (13090524)      0.03545 (16061922)
↑ *** AERMOD - VERSION  19191 ***   *** With Project Operations
                          ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:41:40

                                   PAGE  81
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE:
GRIDCART ***
```

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 472023.42
3776102.4	0.14994 (11032021)
3776052.4	0.31546 (11032020)
3776002.4	0.34862 (16092521)
3775952.4	0.16034 (11030918)
3775902.4	0.09618 (13111319)
3775852.4	0.07436 (15102202)
3775802.4	0.06030 (16061922)
3775752.4	0.05134 (16061922)
3775702.4	0.04400 (16061922)
3775652.4	0.03942 (16061922)
3775602.4	0.03345 (16061922)
3775552.4	0.02929 (16061922)
3775502.4	0.02617 (16061922)
3775452.4	0.02350 (16061922)
3775402.4	0.02134 (15090922)
3775352.4	0.02223 (11082623)
3775302.4	0.02369 (11082623)
3775252.4	0.02539 (11082623)
3775202.4	0.02742 (11082623)
3775152.4	0.02976 (11082623)
3775102.4	0.03259 (11082623)
3775052.4	0.03641 (11082623)
3775002.4	0.04079 (11082623)
3774952.4	0.04478 (11082623)
3774902.4	0.05053 (11082623)
3774852.4	0.05753 (11082623)
3774802.4	0.06552 (11082623)
3774752.4	0.08458 (15101020)
3774702.4	0.11546 (15101020)
3774652.4	0.21166 (11021821)
3774602.4	0.34593 (15061908)
3774552.4	0.24934 (13101519)
3774502.4	0.12264 (13122520)
3774452.4	0.08808 (15102124)
3774402.4	0.07370 (15102124)
3774352.4	0.06115 (15102124)
3774302.4	0.05159 (15090922)
3774252.4	0.04514 (15090922)
3774202.4	0.03991 (15090922)
3774152.4	0.03570 (15090922)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 471764.54	471814.54	471864.54	471914.54	471964.54
3776302.8	0.04176 (15081422)	0.04278 (16072803)	0.04782 (15082522)	0.04974 (15101121)	0.05484 (13090422)
3776252.8	0.04471 (13090622)	0.04898 (15081422)	0.05108 (13051321)	0.05588 (12081122)	0.06257 (15090919)
3776202.8	0.04599 (12091521)	0.05281 (13090622)	0.05832 (15081422)	0.06275 (13051321)	0.06868 (15101121)
3776152.8	0.05003 (16081423)	0.05497 (16091920)	0.06209 (12091521)	0.07127 (15090824)	0.08123 (13013107)
3776102.8	0.05148 (11082723)	0.05768 (15090724)	0.06802 (15070104)	0.08191 (11011522)	0.10699 (11032019)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 ,

```
                                 *** NETWORK ID: UCART2   ;  NETWORK TYPE:
GRIDCART ***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       472014.54
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3776302.8 |      0.06069 (11082623)
 3776252.8 |      0.06683 (11082623)
 3776202.8 |      0.07387 (12081101)
 3776152.8 |      0.09558 (16122322)
 3776102.8 |      0.14232 (13122903)
↑ *** AERMOD - VERSION  19191 ***   *** With Project Operations
                          ***       01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:41:40

                                  PAGE  84
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                 *** NETWORK ID: UCART3   ;  NETWORK TYPE:
GRIDCART ***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       471756.60              471806.60              471856.60
       471906.60              471956.60
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3776504.7 |      0.02941 (16102718)      0.03060 (16072824)      0.03215
(15081522)      0.03539 (13090422)      0.03646 (12092121)
 3776454.7 |      0.03244 (15082522)      0.03294 (16102718)      0.03483
(13092321)      0.03834 (15063020)      0.04021 (13090422)
 3776404.7 |      0.03414 (15082701)      0.03672 (15082522)      0.03830
(16072824)      0.04190 (15081522)      0.04520 (13090422)
 3776354.7 |      0.03665 (15081422)      0.03990 (15082522)      0.04144
```

(16102718)   0.04334 (13092321)   0.04900 (13090422)
 3776304.7 | 0.04103 (15081422)   0.04229 (16072803)   0.04721
(15082522)   0.04907 (15101121)   0.05411 (15090919)

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   STCK1   , STCK2
,

*** NETWORK ID: UCART3   ; NETWORK TYPE:
GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3
**

  Y-COORD | X-COORD (METERS)
  (METERS) | 472006.60
 -
- -

 3776504.7 | 0.03651 (11082623)
 3776454.7 | 0.03997 (11082623)
 3776404.7 | 0.04501 (11082623)
 3776354.7 | 0.05275 (11082623)
 3776304.7 | 0.05855 (11082623)

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   STCK1   , STCK2
,

*** NETWORK ID: UCART4   ; NETWORK TYPE:
GRIDCART ***

```
                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       471664.52              471714.52              471764.52
       471814.52              471864.52
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776653.9 |      0.02253 (16102718)      0.02316 (16072824)      0.02407
(13092321)      0.02561 (15081522)      0.02762 (13090422)
 3776603.9 |      0.02433 (15082522)      0.02467 (16102718)      0.02575
(16072824)      0.02682 (15081522)      0.02932 (13090422)
 3776553.9 |      0.02563 (15082522)      0.02667 (15082522)      0.02728
(16072824)      0.02851 (13092321)      0.03080 (15063020)
 3776503.9 |      0.02654 (15082701)      0.02898 (15082522)      0.02960
(16102718)      0.03082 (16072824)      0.03269 (15081522)
↑ *** AERMOD - VERSION  19191 ***   *** With Project Operations
                         ***       01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***       13:41:40

                                 PAGE  87
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                 *** NETWORK ID: UCART4   ;  NETWORK TYPE:
GRIDCART ***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       471914.52
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776653.9 |      0.02847 (12082102)
 3776603.9 |      0.02979 (13090923)
 3776553.9 |      0.03330 (13090422)
 3776503.9 |      0.03584 (13090422)
↑ *** AERMOD - VERSION  19191 ***   *** With Project Operations
                         ***       01/05/21
 *** AERMET - VERSION  16216 ***   ***
```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2
,

*** NETWORK ID: UCART5 ; NETWORK TYPE:
GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

Y-COORD (METERS)	471554.26	471604.26	471654.26
3776759.2	0.01901 (15082522)	0.01929 (16102718)	0.01972 (16072824)
3776709.2	0.01974 (15082522)	0.02056 (15082522)	0.02085 (16102718)
3776659.2	0.02041 (15082701)	0.02177 (15082522)	0.02222 (16102718)
3776609.2	0.02152 (16072803)	0.02259 (15082701)	0.02403 (15082522)
3776559.2	0.02293 (15081422)	0.02362 (16072803)	0.02511 (15082701)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2
,

*** NETWORK ID: UCART6 ; NETWORK TYPE:
GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3

```
                    **

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       471343.73              471393.73              471443.73
       471493.73              471543.73
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3776922.8 |      0.01413 (15102521)      0.01478 (15082701)      0.01537
(15082522)      0.01559 (16102718)      0.01572 (15083102)
 3776872.8 |      0.01464 (16072803)      0.01516 (15082701)      0.01585
(15082522)      0.01667 (15082522)      0.01706 (16102718)
 3776822.8 |      0.01536 (16072803)      0.01560 (16082302)      0.01637
(15082701)      0.01744 (15082522)      0.01775 (15082522)
 3776772.8 |      0.01614 (15081422)      0.01651 (16072803)      0.01681
(15102521)      0.01778 (15082701)      0.01875 (15082522)
 3776722.8 |      0.01709 (15081422)      0.01738 (15081422)      0.01783
(16072803)      0.01824 (15102521)      0.01932 (15082522)
 3776672.8 |      0.01728 (15081422)      0.01847 (15081422)      0.01880
(15081422)      0.01934 (16072803)      0.01997 (15082701)
 3776622.8 |      0.01787 (13090622)      0.01863 (15081422)      0.02009
(15081422)      0.02041 (15081422)      0.02103 (16072803)
 3776572.8 |      0.01908 (13090622)      0.01958 (13090622)      0.02026
(12092221)      0.02190 (15081422)      0.02233 (15081422)
 *** AERMOD - VERSION  19191 ***   *** With Project Operations
                         ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:41:40

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                   *** NETWORK ID: UCART7   ;  NETWORK TYPE:
GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       471137.27              471187.27              471237.27
       471287.27              471337.27
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
```

```
 3777005.9 |      0.01197 (16102921)      0.01237 (16072803)      0.01249
(16072803)      0.01289 (15082701)      0.01344 (15082701)
 3776955.9 |      0.01276 (15081422)      0.01273 (16102921)      0.01315
(16072803)      0.01331 (16082302)      0.01385 (15082701)
 3776905.9 |      0.01313 (15081422)      0.01354 (15081422)      0.01352
(16102921)      0.01399 (16072803)      0.01420 (15102521)
 3776855.9 |      0.01318 (12090901)      0.01394 (15081422)      0.01440
(15081422)      0.01445 (16102921)      0.01491 (16072803)
 3776805.9 |      0.01357 (15061824)      0.01401 (12090901)      0.01486
(15081422)      0.01540 (15081422)      0.01546 (16102921)
 3776755.9 |      0.01437 (13090622)      0.01443 (15061824)      0.01494
(12090901)      0.01592 (15081422)      0.01652 (15081422)
 *** AERMOD - VERSION  19191 ***   *** With Project Operations
                         ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:41:40

                                  PAGE  91
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                  *** NETWORK ID: UCART8   ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471025.84               471075.84               471125.84
       471175.84               471225.84
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777113.8 |      0.01070 (15081422)      0.01093 (16102921)      0.01115
(16072803)      0.01134 (15102521)      0.01178 (15082701)
 3777063.8 |      0.01129 (15081422)      0.01126 (15081422)      0.01155
(16072803)      0.01176 (16072803)      0.01200 (15102521)
 3777013.8 |      0.01157 (15081422)      0.01193 (15081422)      0.01189
(15081422)      0.01223 (16072803)      0.01239 (16072803)
 *** AERMOD - VERSION  19191 ***   *** With Project Operations
                         ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:41:40
```

```
                                  PAGE  92
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                  *** NETWORK ID: UCART8   ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471275.84
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777113.8 |      0.01222 (15082522)
 3777063.8 |      0.01251 (15082701)
 3777013.8 |      0.01274 (15102521)
↑ *** AERMOD - VERSION  19191 ***   *** With Project Operations
                          ***       01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***       13:41:40

                                  PAGE  93
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                  *** NETWORK ID: UCART9   ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471071.36              471121.36              471171.36
       471221.36
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
```

```
 3777220.7 |      0.01018 (16082302)      0.01046 (15102521)      0.01090
(15082701)      0.01128 (15082522)
 3777170.7 |      0.01057 (16072803)      0.01070 (16082302)      0.01105
(15082701)      0.01144 (15082701)
 3777120.7 |      0.01087 (16072803)      0.01107 (16072803)      0.01127
(15102521)      0.01170 (15082701)
```



```
                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                  *** NETWORK ID: UCART10  ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       470606.55              470656.55              470706.55
       470756.55              470806.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777252.6 |      0.00822 (15061824)      0.00841 (15061824)      0.00860
(12090901)      0.00891 (15081422)      0.00930 (15081422)
 3777202.6 |      0.00852 (13090622)      0.00855 (15061824)      0.00878
(15061824)      0.00898 (12090901)      0.00930 (15081422)
 3777152.6 |      0.00881 (13090622)      0.00892 (13090622)      0.00889
(16110520)      0.00918 (15061824)      0.00938 (12090901)
 3777102.6 |      0.00891 (12091521)      0.00920 (13090622)      0.00938
(13090622)      0.00937 (13090622)      0.00962 (15061824)
 3777052.6 |      0.00911 (12091521)      0.00934 (12091521)      0.00962
(13090622)      0.00987 (13090622)      0.00991 (13090622)
```

```
                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                  *** NETWORK ID: UCART10  ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       470856.55              470906.55              470956.55
       471006.55              471056.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3777252.6 |      0.00947 (15081422)      0.00943 (16102921)      0.00975
(16072803)      0.00992 (16072803)      0.00997 (15102521)
 3777202.6 |      0.00972 (15081422)      0.00987 (15081422)      0.00983
(16102921)      0.01011 (16072803)      0.01028 (16072803)
 3777152.6 |      0.00975 (15081422)      0.01018 (15081422)      0.01034
(15081422)      0.01033 (16102921)      0.01064 (16072803)
 3777102.6 |      0.00983 (12090901)      0.01022 (15081422)      0.01070
(15081422)      0.01087 (15081422)      0.01089 (16102921)
 3777052.6 |      0.01011 (15061824)      0.01033 (12090901)      0.01074
(15081422)      0.01126 (15081422)      0.01147 (15081422)
↑ *** AERMOD - VERSION  19191 ***   *** With Project Operations
                          ***       01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***       13:41:40

                                  PAGE  96
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                  *** NETWORK ID: UCART11  ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                X-COORD (METERS)
```

```
  (METERS) |       470269.99               470319.99               470369.99
       470419.99
 - - -
```

```
 3779513.0 |      0.00254 (12081505)      0.00256 (16102921)      0.00262
(16102921)      0.00266 (16102921)      0.00267 (16102921)
 3779463.0 |      0.00259 (12081505)      0.00260 (12081505)      0.00262
(16102921)      0.00267 (16102921)      0.00271 (16102921)
 3779413.0 |      0.00266 (15081422)      0.00264 (12081505)      0.00265
(12081505)      0.00267 (16102921)      0.00273 (16102921)
 3779363.0 |      0.00272 (15081422)      0.00272 (15081422)      0.00270
(12081505)      0.00271 (12081505)      0.00273 (16102921)
 3779313.0 |      0.00275 (15081422)      0.00278 (15081422)      0.00278
(15081422)      0.00276 (12081505)      0.00276 (12081505)
↑ *** AERMOD - VERSION  19191 ***   *** With Project Operations
                          ***       01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***       13:41:40

                                  PAGE  98
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                  *** NETWORK ID: UCART12  ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       468960.70              469010.70              469060.70
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3779663.0 |      0.00256 (16082302)      0.00262 (16082302)      0.00264
(16082302)
 3779613.0 |      0.00262 (16072803)      0.00262 (16082302)      0.00267
(16082302)
 3779563.0 |      0.00268 (16072803)      0.00267 (16072803)      0.00268
(16082302)
 3779513.0 |      0.00272 (16072803)      0.00274 (16072803)      0.00272
(16072803)
 3779463.0 |      0.00273 (16072803)      0.00278 (16072803)      0.00279
(16072803)
 3779413.0 |      0.00277 (16102921)      0.00280 (16072803)      0.00284
(16072803)
 3779363.0 |      0.00279 (16102921)      0.00284 (16102921)      0.00286
(16072803)
```

```
 3779313.0 |      0.00279 (16102921)      0.00286 (16102921)      0.00290
(16102921)
↑ *** AERMOD - VERSION  19191 ***   *** With Project Operations
                         ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:41:40

                                   PAGE  99
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                   *** NETWORK ID: UCART13  ;  NETWORK TYPE:
GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       471075.86              471125.86              471175.86
       471225.86              471275.86
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3777911.5 |      0.00789 (16072824)      0.00804 (13092321)      0.00832
(13092321)      0.00849 (13082423)      0.00896 (15081522)
 3777861.5 |      0.00799 (16072824)      0.00816 (16072824)      0.00842
(13092321)      0.00864 (13082423)      0.00898 (15081522)
 3777811.5 |      0.00804 (16072824)      0.00833 (16072824)      0.00848
(13092321)      0.00878 (13092321)      0.00897 (15081522)
 3777761.5 |      0.00813 (15083102)      0.00843 (16072824)      0.00864
(16072824)      0.00890 (13092321)      0.00913 (13082423)
 3777711.5 |      0.00821 (15083102)      0.00849 (16062105)      0.00881
(16072824)      0.00898 (13092321)      0.00930 (13092321)
 3777661.5 |      0.00846 (16102718)      0.00860 (15083102)      0.00892
(16072824)      0.00916 (16072824)      0.00944 (13092321)
 3777611.5 |      0.00870 (16102718)      0.00872 (16102718)      0.00899
(16062105)      0.00935 (16072824)      0.00953 (13092321)
 3777561.5 |      0.00884 (16102718)      0.00904 (16102718)      0.00912
(15083102)      0.00947 (16072824)      0.00975 (16072824)
 3777511.5 |      0.00909 (15082522)      0.00926 (16102718)      0.00935
(16102718)      0.00955 (15083102)      0.00996 (16072824)
 3777461.5 |      0.00941 (15082522)      0.00941 (12081005)      0.00967
(16102718)      0.00971 (15083102)      0.01009 (16072824)
 3777411.5 |      0.00960 (15082522)      0.00980 (15082522)      0.00987
```

```
(16102718)      0.01006 (16102718)      0.01021 (15083102)
 3777361.5 |      0.00971 (15082701)      0.01006 (15082522)      0.01015
(15082522)      0.01040 (16102718)      0.01042 (16102718)
 *** AERMOD - VERSION  19191 ***   *** With Project Operations
                         ***       01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***       13:41:40

                                 PAGE 100
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                               INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                 *** NETWORK ID: UCART13  ;  NETWORK TYPE:
GRIDCART ***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       471325.86              471375.86              471425.86
       471475.86              471525.86
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3777911.5 |      0.00932 (15081522)      0.00961 (15063020)      0.01004
(15063020)      0.01040 (13090422)      0.01074 (13090422)
 3777861.5 |      0.00943 (15081522)      0.00972 (13090305)      0.01017
(15063020)      0.01050 (13090422)      0.01094 (13090422)
 3777811.5 |      0.00951 (15081522)      0.00985 (15081522)      0.01026
(15063020)      0.01065 (15063020)      0.01112 (13090422)
 3777761.5 |      0.00955 (15081522)      0.01000 (15081522)      0.01034
(15063020)      0.01083 (15063020)      0.01128 (13090422)
 3777711.5 |      0.00957 (15081522)      0.01012 (15081522)      0.01046
(13090305)      0.01098 (15063020)      0.01141 (13090422)
 3777661.5 |      0.00969 (13082423)      0.01019 (15081522)      0.01063
(15081522)      0.01110 (15063020)      0.01154 (15063020)
 3777611.5 |      0.00987 (13092321)      0.01023 (15081522)      0.01079
(15081522)      0.01118 (15063020)      0.01174 (15063020)
 3777561.5 |      0.01005 (13092321)      0.01030 (13082423)      0.01090
(15081522)      0.01132 (13090305)      0.01191 (15063020)
 3777511.5 |      0.01016 (13092321)      0.01051 (13092321)      0.01096
(15081522)      0.01153 (15081522)      0.01206 (15063020)
 3777461.5 |      0.01041 (16072824)      0.01071 (13092321)      0.01098
(13082423)      0.01169 (15081522)      0.01216 (15063020)
```

```
 3777411.5 |      0.01063 (16072824)      0.01085 (13092321)      0.01121
(13092321)      0.01179 (15081522)      0.01235 (15081522)
 3777361.5 |      0.01076 (16072824)      0.01114 (16072824)      0.01146
(13092321)      0.01183 (15081522)      0.01256 (15081522)
```



```
                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                  *** NETWORK ID: UCART14  ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       472114.69              472164.69              472214.69
       472264.69              472314.69
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777124.5 |      0.02049 (12091321)      0.01937 (12081123)      0.01901
(12081123)      0.01822 (16092019)      0.01753 (12080824)
 3777074.5 |      0.02123 (12091321)      0.02026 (12081123)      0.01963
(12081123)      0.01882 (16092019)      0.01796 (12080824)
 3777024.5 |      0.02205 (12091321)      0.02115 (12081123)      0.02032
(12081123)      0.01948 (16092019)      0.01843 (15082606)
 3776974.5 |      0.02280 (12091321)      0.02201 (12081123)      0.02099
(12081524)      0.02016 (12080824)      0.01898 (12081622)
 3776924.5 |      0.02362 (12091321)      0.02291 (12081123)      0.02182
(16092019)      0.02087 (12080824)      0.01974 (12081702)
 3776874.5 |      0.02455 (12091321)      0.02373 (12081123)      0.02263
(16092019)      0.02147 (12080824)      0.02038 (12081702)
 3776824.5 |      0.02572 (12091321)      0.02481 (12081123)      0.02355
(16092019)      0.02206 (15082606)      0.02096 (12081702)
 3776774.5 |      0.02704 (12091321)      0.02596 (12081123)      0.02449
(12080824)      0.02296 (12081702)      0.02146 (13090423)
 3776724.5 |      0.02868 (12081123)      0.02740 (12081123)      0.02569
(12080824)      0.02400 (12081702)      0.02245 (13090423)
 3776674.5 |      0.03067 (12081123)      0.02888 (12081123)      0.02694
```

```
(12080824)      0.02496 (12081702)      0.02317 (13090423)
 3776624.5 |      0.03291 (12081123)      0.03060 (16092019)      0.02820
(12081702)      0.02605 (13090423)      0.02396 (13082524)
 3776574.5 |      0.03529 (12081123)      0.03241 (16092019)      0.02993
(12081702)      0.02736 (13090423)      0.02521 (15101219)
 3776524.5 |      0.03804 (12081123)      0.03452 (12080824)      0.03146
(12081702)      0.02843 (13082524)      0.02729 (15101219)
 3776474.5 |      0.04144 (12081123)      0.03703 (12080824)      0.03378
(13090423)      0.03055 (15101219)      0.02872 (11080221)
 3776424.5 |      0.04479 (12081123)      0.04113 (12081702)      0.03598
(13090423)      0.03368 (15101219)      0.03099 (11080222)
 *** AERMOD - VERSION  19191 ***   *** With Project Operations
                         ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:41:40

                                  PAGE 102
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                  *** NETWORK ID: UCART14  ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       472364.69              472414.69              472464.69
       472514.69              472564.69
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777124.5 |      0.01670 (12081702)      0.01601 (12081702)      0.01519
(13090423)      0.01432 (13090423)      0.01346 (13082524)
 3777074.5 |      0.01721 (12081702)      0.01625 (12081702)      0.01552
(13090423)      0.01451 (13082524)      0.01370 (15073005)
 3777024.5 |      0.01771 (12081702)      0.01666 (13090423)      0.01575
(13090423)      0.01470 (13082524)      0.01420 (15101219)
 3776974.5 |      0.01814 (12081702)      0.01711 (13090423)      0.01586
(13082524)      0.01477 (15073005)      0.01451 (15101219)
 3776924.5 |      0.01849 (12081702)      0.01749 (13090423)      0.01613
(13082524)      0.01539 (15101219)      0.01490 (15101219)
 3776874.5 |      0.01902 (13090423)      0.01769 (13090423)      0.01653
(12091621)      0.01614 (15101219)      0.01534 (11080221)
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 3776824.5 |      0.01963 (13090423)      0.01813 (13082524)      0.01745
(15101219)      0.01652 (15101219)      0.01591 (11080221)
 3776774.5 |      0.02006 (13090423)      0.01872 (12091621)      0.01827
(15101219)      0.01720 (11080221)      0.01647 (12081323)
 3776724.5 |      0.02061 (13082524)      0.01991 (15101219)      0.01874
(12081406)      0.01802 (11080222)      0.01732 (15091001)
 3776674.5 |      0.02140 (15101219)      0.02079 (15101219)      0.01968
(11080221)      0.01891 (12081323)      0.01800 (13082222)
 3776624.5 |      0.02298 (15101219)      0.02168 (11080221)      0.02060
(12081323)      0.01982 (15091001)      0.01885 (12080906)
 3776574.5 |      0.02411 (15101219)      0.02278 (11080222)      0.02164
(15091001)      0.02086 (12080906)      0.01973 (13091321)
 3776524.5 |      0.02549 (11080221)      0.02402 (15091001)      0.02256
(12080906)      0.02112 (13091321)      0.01989 (16071924)
 3776474.5 |      0.02704 (12081323)      0.02534 (12080906)      0.02343
(13091321)      0.02190 (16071924)      0.02068 (12081522)
 3776424.5 |      0.02872 (15091001)      0.02661 (15062902)      0.02428
(16071924)      0.02287 (12081522)      0.02163 (13082922)
 *** AERMOD - VERSION  19191 ***   *** With Project Operations
                         ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:41:40

                                  PAGE 103
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                  *** NETWORK ID: UCART15  ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       472138.17              472188.17              472238.17
       472288.17              472338.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3775714.7 |      0.04229 (15102122)      0.04056 (16021018)      0.04008
(15102121)      0.03530 (15102121)      0.03141 (11070323)
 3775664.7 |      0.03890 (15102122)      0.03680 (16021018)      0.03394
(15102121)      0.03296 (15102121)      0.02899 (16072624)
 3775614.7 |      0.03447 (15102122)      0.03201 (15082602)      0.03000
```

```
(16072724)      0.02918 (15102121)      0.02727 (15102121)
 3775564.7 |      0.03033 (15102122)      0.02808 (15082602)      0.02665
(15060824)      0.02572 (12082922)      0.02512 (15102121)
 3775514.7 |      0.02682 (15102122)      0.02517 (16021019)      0.02407
(12081901)      0.02342 (16072724)      0.02238 (15102121)
 3775464.7 |      0.02387 (15102122)      0.02309 (16021019)      0.02209
(15082602)      0.02135 (15060824)      0.02064 (12082922)
 3775414.7 |      0.02143 (15102122)      0.02117 (16021019)      0.02028
(15082602)      0.01955 (15060824)      0.01907 (16072724)
 3775364.7 |      0.02085 (16092019)      0.02051 (15082606)      0.02025
(12081702)      0.01997 (13090423)      0.01907 (13082524)
 3775314.7 |      0.02223 (16092019)      0.02189 (12081702)      0.02135
(13090423)      0.02080 (13090423)      0.01972 (13082524)
 3775264.7 |      0.02377 (16092019)      0.02347 (12081702)      0.02284
(13090423)      0.02184 (13082524)      0.02101 (12091621)
 3775214.7 |      0.02560 (12080824)      0.02532 (12081702)      0.02449
(13090423)      0.02300 (13082524)      0.02263 (15101219)
 3775164.7 |      0.02756 (12080824)      0.02705 (12081702)      0.02584
(13090423)      0.02448 (12091621)      0.02399 (15101219)
 3775114.7 |      0.02972 (12081702)      0.02938 (13090423)      0.02753
(13082524)      0.02685 (15101219)      0.02511 (11080221)
 3775064.7 |      0.03309 (12081702)      0.03228 (13090423)      0.02932
(12091621)      0.02862 (15101219)      0.02651 (11080222)
 3775014.7 |      0.03750 (12081702)      0.03519 (13090423)      0.03296
(15101219)      0.03065 (11080221)      0.02818 (15091001)
 3774964.7 |      0.04005 (13090423)      0.03706 (13082524)      0.03575
(15101219)      0.03292 (12081323)      0.03018 (12080906)
 3774914.7 |      0.04462 (13090423)      0.04291 (15101219)      0.03877
(11080221)      0.03556 (12080906)      0.03263 (13091321)
 3774864.7 |      0.04922 (12101719)      0.04754 (15101219)      0.04305
(15091001)      0.03890 (13091321)      0.03509 (12081522)
 3774814.7 |      0.05844 (15101219)      0.05348 (13082921)      0.04729
(12081321)      0.04261 (13082922)      0.03831 (13082922)
 3774764.7 |      0.06934 (16061921)      0.06082 (12081321)      0.05336
(13082922)      0.04581 (11082523)      0.04064 (15081321)
 3774714.7 |      0.07840 (12083019)      0.06719 (16062022)      0.05770
(15081621)      0.04879 (11082823)      0.04360 (11082621)
 3774664.7 |      0.10075 (12081319)      0.07272 (15090819)      0.06101
(15102120)      0.05303 (15102120)      0.04536 (15102120)
 3774614.7 |      0.11212 (15081519)      0.08549 (15102120)      0.06745
(15102120)      0.05405 (15102120)      0.04409 (13090324)
 3774564.7 |      0.11588 (15102118)      0.07856 (15102118)      0.05928
(15102119)      0.05090 (15082722)      0.04390 (13062822)
 3774514.7 |      0.07835 (12101804)      0.06606 (15090823)      0.05683
(15090921)      0.04909 (15090921)      0.04285 (15082822)
 3774464.7 |      0.07369 (15102121)      0.05888 (16020907)      0.05170
(15090823)      0.04565 (16072623)      0.04044 (15090921)
 3774414.7 |      0.06619 (15102121)      0.05595 (15102121)      0.04710
```

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(15101224)      0.04229 (15082724)      0.03738 (13111217)
 3774364.7 |      0.05513 (16021018)      0.05246 (15102121)      0.04206
(15092102)      0.03840 (16092422)      0.03483 (15082724)
 3774314.7 |      0.04846 (16021018)      0.04388 (15102121)      0.04058
(15102121)      0.03447 (15091923)      0.03173 (16092422)
 3774264.7 |      0.04410 (15102122)      0.03782 (16021018)      0.03640
(15102121)      0.03233 (15102121)      0.02894 (11070323)
 *** AERMOD - VERSION  19191 ***   *** With Project Operations
                         ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:41:40

                                  PAGE 104
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                  *** NETWORK ID: UCART16  ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       472255.22              472305.22              472355.22
       472405.22              472455.22
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776236.9 |      0.04799 (12091420)      0.04358 (13082922)      0.03850
(13082922)      0.03416 (11082523)      0.03068 (16072023)
 3776186.9 |      0.05430 (13082922)      0.04670 (11082523)      0.04087
(15081321)      0.03628 (11082823)      0.03229 (11082621)
 3776136.9 |      0.05854 (15081621)      0.04986 (11082621)      0.04402
(11082621)      0.03828 (11082621)      0.03319 (13090323)
 3776086.9 |      0.06380 (15102120)      0.05452 (15102120)      0.04582
(15102120)      0.03898 (15102120)      0.03396 (15063021)
 3776036.9 |      0.06712 (15102120)      0.05339 (15102120)      0.04421
(13090324)      0.03838 (13090324)      0.03364 (16122817)
 3775986.9 |      0.05965 (15082520)      0.05130 (15082722)      0.04405
(15082722)      0.03820 (13062822)      0.03339 (13062822)
 3775936.9 |      0.05747 (15090921)      0.04953 (15090921)      0.04284
(15082822)      0.03762 (15082822)      0.03276 (15082822)
 3775886.9 |      0.05166 (15090823)      0.04555 (15082623)      0.04020
(15090921)      0.03608 (15090921)      0.03145 (15090921)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 471773.42	471823.42	471873.42	471923.42	471973.42
3776102.4	0.01182 (16011024)	0.01395 (16011024)	0.01583 (16011024)	0.01933 (11032024)	0.03644 (11032024)
3776052.4	0.01341m(16092824)	0.01523m(16092824)	0.01727 (16011024)	0.02215 (16011024)	0.02686 (11032024)
3776002.4	0.01553m(16092824)	0.01832 (15112624)	0.02270 (15112624)	0.02719 (15112624)	0.06004 (15103024)
3775952.4	0.01736 (11010124)	0.02246 (11010124)	0.02872 (11010124)	0.03357 (11010124)	0.05440 (16020524)
3775902.4	0.01991 (11010124)	0.02365 (11010124)	0.02613 (11010124)	0.03113 (13120824)	0.03935 (13111324)
3775852.4	0.01850 (11010124)	0.01966 (11010124)	0.02305 (13120824)	0.03019 (15120824)	0.03311 (13121624)
3775802.4	0.01540 (13120824)	0.01786 (15120824)	0.02325 (15120824)	0.02578 (15120824)	0.02873 (13121624)
3775752.4	0.01425 (15120824)	0.01809 (15120824)	0.02078 (15120824)	0.02128 (13121624)	0.02382 (13121624)
3775702.4	0.01441 (15120824)	0.01676 (15120824)	0.01763 (15120824)	0.01905 (13121624)	0.01973 (13121624)
3775652.4	0.01365 (15120824)	0.01494 (15120824)	0.01507 (13121624)	0.01784 (13121624)	0.01780 (13121624)
3775602.4	0.01246 (15120824)	0.01283 (15120824)	0.01356 (13121624)	0.01465 (13121624)	0.01412 (13121624)
3775552.4	0.01109 (15120824)	0.01095 (15120224)	0.01221		

(13121624) 0.01263 (13121624) 0.01188m(15020724)
3775502.4 | 0.00977 (15120824) 0.01014 (13121624) 0.01104
(13121624) 0.01109 (13121624) 0.01044m(15020724)
3775452.4 | 0.00855 (15120824) 0.00940 (13121624) 0.00992
(13121624) 0.00974 (13121624) 0.00924m(15020724)
3775402.4 | 0.00797 (13121624) 0.00870 (13121624) 0.00896
(13121624) 0.00870m(15020724) 0.00828m(15020724)
3775352.4 | 0.00752 (13121624) 0.00801 (13121624) 0.00807
(13121624) 0.00786m(15020724) 0.00746m(15020724)
3775302.4 | 0.00707 (13121624) 0.00737 (13121624) 0.00732
(13121624) 0.00717m(15020724) 0.00680m(15020724)
3775252.4 | 0.00662 (13121624) 0.00678 (13121624)
0.00673m(15020724) 0.00658m(15020724) 0.00624m(15020724)
3775202.4 | 0.00621 (13121624) 0.00628 (13121624)
0.00626m(15020724) 0.00610m(15020724) 0.00579m(15020724)
3775152.4 | 0.00606b(12121224) 0.00621b(12121224)
0.00620b(12121224) 0.00589b(12121224) 0.00542m(15020724)
3775102.4 | 0.00609b(12121224) 0.00628b(12121224)
0.00635b(12121224) 0.00612b(12121224) 0.00551b(12121224)
3775052.4 | 0.00625b(12121224) 0.00645b(12121224)
0.00659b(12121224) 0.00646b(12121224) 0.00586b(12121224)
3775002.4 | 0.00657b(12121224) 0.00674b(12121224)
0.00695b(12121224) 0.00693b(12121224) 0.00633b(12121224)
3774952.4 | 0.00712b(12121224) 0.00721b(12121224)
0.00745b(12121224) 0.00768 (12120324) 0.00711b(12121224)
3774902.4 | 0.00791b(12121224) 0.00799b(12121224) 0.00862
(11032024) 0.00873 (12120324) 0.00814 (12120324)
3774852.4 | 0.00883b(12121224) 0.00909b(12121224) 0.01037
(11032024) 0.01063 (11032024) 0.00964 (12120324)
3774802.4 | 0.00984m(16123124) 0.01034b(12121224) 0.01233
(11032024) 0.01408 (11032024) 0.01257 (11032024)
3774752.4 | 0.01077m(16123124) 0.01206m(16123124) 0.01432
(11032024) 0.01866 (11032024) 0.01918 (11032024)
3774702.4 | 0.01161 (16011024) 0.01288m(16123124)
0.01439m(16123124) 0.02390 (11032024) 0.03082 (11032024)
3774652.4 | 0.01256 (16011024) 0.01547 (16011024) 0.01876
(16011024) 0.02038 (11032024) 0.04810 (11032024)
3774602.4 | 0.01644m(16092824) 0.01907m(16092824)
0.02149m(16092824) 0.02570 (15031224) 0.05783 (15103024)
3774552.4 | 0.01683m(16092824) 0.02093 (11010124) 0.02786
(11010124) 0.03405 (11010124) 0.08877 (16112924)
3774502.4 | 0.02060 (11010124) 0.02567 (11010124) 0.03025
(11010124) 0.03491 (13120824) 0.05456 (13101524)
3774452.4 | 0.02061 (11010124) 0.02279 (11010124) 0.02618
(13120824) 0.03257 (15120824) 0.03852 (13111324)
3774402.4 | 0.01730 (11010124) 0.01980 (13120824) 0.02555
(15120824) 0.02837 (15120824) 0.03226 (13121624)
3774352.4 | 0.01561 (15120824) 0.01998 (15120824) 0.02324

```
(15120824)      0.02494 (13121624)      0.02675 (13121624)
 3774302.4 |      0.01593 (15120824)      0.01859 (15120824)      0.01959
(15120224)      0.02214 (13121624)      0.02204 (13121624)
 3774252.4 |      0.01522 (15120824)      0.01641 (15120824)      0.01773
(13121624)      0.02005 (13121624)      0.01882 (13121624)
 3774202.4 |      0.01382 (15120824)      0.01429 (15120224)      0.01656
(13121624)      0.01849 (13121624)      0.01676 (13121624)
 3774152.4 |      0.01237 (15120224)      0.01303 (13121624)      0.01448
(13121624)      0.01485 (13121624)      0.01378m(15020724)
```



```
                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE:
GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       472023.42
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3776102.4 |      0.03552 (11032024)
 3776052.4 |      0.05699 (11032024)
 3776002.4 |      0.25944 (15112124)
 3775952.4 |      0.08415 (13101524)
 3775902.4 |      0.04077 (13111324)
 3775852.4 |      0.03254 (13121624)
 3775802.4 |      0.02594 (13121624)
 3775752.4 |      0.02065 (13121624)
 3775702.4 |      0.01685m(15020724)
 3775652.4 |      0.01497m(15020724)
 3775602.4 |      0.01241m(15020724)
 3775552.4 |      0.01069m(15020724)
 3775502.4 |      0.00943m(15020724)
 3775452.4 |      0.00837m(15020724)
 3775402.4 |      0.00751m(15020724)
```

```
 3775352.4 |      0.00680m(15020724)
 3775302.4 |      0.00622m(15020724)
 3775252.4 |      0.00574m(15020724)
 3775202.4 |      0.00536m(15020724)
 3775152.4 |      0.00509 (13120724)
 3775102.4 |      0.00560 (13120724)
 3775052.4 |      0.00621 (13120724)
 3775002.4 |      0.00699 (13120724)
 3774952.4 |      0.00816 (13120724)
 3774902.4 |      0.00958 (13120724)
 3774852.4 |      0.01142 (13120724)
 3774802.4 |      0.01376 (13120724)
 3774752.4 |      0.01671 (13120724)
 3774702.4 |      0.02175 (16101724)
 3774652.4 |      0.03359 (11032024)
 3774602.4 |      0.02607 (15061924)
 3774552.4 |      0.13250 (12012824)
 3774502.4 |      0.04511 (12110424)
 3774452.4 |      0.03166 (15032524)
 3774402.4 |      0.02609 (13121624)
 3774352.4 |      0.02136 (13121624)
 3774302.4 |      0.01812m(15020724)
 3774252.4 |      0.01558m(15020724)
 3774202.4 |      0.01353m(15020724)
 3774152.4 |      0.01190m(15020724)
```



```
                            *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                  *** NETWORK ID: UCART2   ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471764.54              471814.54              471864.54
       471914.54              471964.54
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

```
- - - - - - - - - - - - - - - - - - - - - - - - -

 3776302.8 |      0.00770m(16123124)      0.00754m(16123124)      0.00893
(11032024)      0.00954 (11032024)      0.00894 (12120324)
 3776252.8 |      0.00893m(16123124)      0.00931m(16123124)      0.01032
(11032024)      0.01208 (11032024)      0.01176 (11032024)
 3776202.8 |      0.00981m(16123124)      0.01090m(16123124)      0.01165
(11032024)      0.01512 (11032024)      0.01675 (11032024)
 3776152.8 |      0.01019m(16123124)      0.01184m(16123124)
0.01329m(16123124)      0.01830 (11032024)      0.02420 (11032024)
 3776102.8 |      0.01146 (16011024)      0.01355 (16011024)      0.01553
(16011024)      0.01692 (11032024)      0.03349 (11032024)
↑ *** AERMOD - VERSION  19191 ***   *** With Project Operations
                         ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:41:40

                                  PAGE 108
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                  *** NETWORK ID: UCART2   ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       472014.54
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3776302.8 |      0.00864 (13012524)
 3776252.8 |      0.01006 (13012524)
 3776202.8 |      0.01286 (11032024)
 3776152.8 |      0.02119 (11032024)
 3776102.8 |      0.03898 (11032024)
↑ *** AERMOD - VERSION  19191 ***   *** With Project Operations
                         ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:41:40

                                  PAGE 109
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

```
                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                  *** NETWORK ID: UCART3   ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       471756.60              471806.60              471856.60
       471906.60              471956.60
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3776504.7 |      0.00449 (11032024)      0.00485 (12120324)      0.00528
(12120324)      0.00529 (12120324)      0.00481 (12120324)
 3776454.7 |      0.00489 (11032024)      0.00533 (11032024)      0.00573
(12120324)      0.00596 (12120324)      0.00553 (12120324)
 3776404.7 |      0.00524m(16123124)      0.00600 (11032024)      0.00636
(11032024)      0.00666 (12120324)      0.00643 (12120324)
 3776354.7 |      0.00640m(16123124)      0.00664 (11032024)      0.00748
(11032024)      0.00758 (12120324)      0.00763 (12120324)
 3776304.7 |      0.00763m(16123124)      0.00754m(16123124)      0.00869
(11032024)      0.00945 (11032024)      0.00894 (12120324)
↑ *** AERMOD - VERSION  19191 ***   *** With Project Operations
                          ***       01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***       13:41:40

                                  PAGE 110
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                  *** NETWORK ID: UCART3   ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                 X-COORD (METERS)
```

```
  (METERS) |       472006.60
 - - -
```

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 ,

*** NETWORK ID: UCART4 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 471914.52
3776653.9	0.00362 (12120324)
3776603.9	0.00409 (12120324)
3776553.9	0.00462 (12120324)
3776503.9	0.00526 (12120324)

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 ,

*** NETWORK ID: UCART5 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 471554.26	471604.26	471654.26
3776759.2	0.00240 (11032024)	0.00261 (12120324)	0.00289 (12120324)

```
 3776709.2 |      0.00247 (11032024)      0.00271 (11032024)      0.00295
(12120324)
 3776659.2 |      0.00282m(16123124)      0.00282 (11032024)      0.00307
(11032024)
 3776609.2 |      0.00323m(16123124)      0.00310m(16123124)      0.00325
(11032024)
 3776559.2 |      0.00367m(16123124)      0.00359m(16123124)
0.00342m(16123124)
↑ *** AERMOD - VERSION  19191 ***   *** With Project Operations
                         ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:41:40

                                  PAGE 114
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                  *** NETWORK ID: UCART6   ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471343.73              471393.73              471443.73
       471493.73              471543.73
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3776922.8 |      0.00177m(16123124)      0.00175 (12120324)      0.00189
(12120324)      0.00205 (12120324)      0.00223 (12120324)
 3776872.8 |      0.00196m(16123124)      0.00190m(16123124)      0.00191
(12120324)      0.00205 (16102724)      0.00221 (12120324)
 3776822.8 |      0.00217m(16123124)      0.00212m(16123124)
0.00206m(16123124)      0.00209 (11032024)      0.00225 (12120324)
 3776772.8 |      0.00239m(16123124)      0.00236m(16123124)
0.00230m(16123124)      0.00222m(16123124)      0.00234 (11032024)
 3776722.8 |      0.00263m(16123124)      0.00262m(16123124)
0.00258m(16123124)      0.00251m(16123124)      0.00240m(16123124)
 3776672.8 |      0.00286m(16123124)      0.00289m(16123124)
0.00288m(16123124)      0.00283m(16123124)      0.00274m(16123124)
 3776622.8 |      0.00307m(16123124)      0.00315m(16123124)
0.00319m(16123124)      0.00319m(16123124)      0.00313m(16123124)
 3776572.8 |      0.00325m(16123124)      0.00339m(16123124)
```

0.00350m(16123124) 0.00356m(16123124) 0.00356m(16123124)

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 ,

*** NETWORK ID: UCART7 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

```
  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       471137.27              471187.27              471237.27
       471287.27              471337.27
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3777005.9 |      0.00166m(16123124)      0.00163m(16123124)
0.00159m(16123124)      0.00156m(16123124)      0.00159 (12120324)
 3776955.9 |      0.00181m(16123124)      0.00178m(16123124)
0.00174m(16123124)      0.00170m(16123124)      0.00166m(16123124)
 3776905.9 |      0.00196m(16123124)      0.00194m(16123124)
0.00191m(16123124)      0.00188m(16123124)      0.00184m(16123124)
 3776855.9 |      0.00211m(16123124)      0.00211m(16123124)
0.00209m(16123124)      0.00207m(16123124)      0.00203m(16123124)
 3776805.9 |      0.00225m(16123124)      0.00227m(16123124)
0.00228m(16123124)      0.00227m(16123124)      0.00225m(16123124)
 3776755.9 |      0.00236m(16123124)      0.00242m(16123124)
0.00246m(16123124)      0.00247m(16123124)      0.00247m(16123124)
```


*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

```
                                INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                 *** NETWORK ID: UCART8   ;  NETWORK TYPE:
GRIDCART ***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       471025.84               471075.84               471125.84
       471175.84               471225.84
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3777113.8 |      0.00145m(16123124)      0.00142m(16123124)
0.00139m(16123124)      0.00136m(16123124)      0.00134 (12120324)
 3777063.8 |      0.00158m(16123124)      0.00154m(16123124)
0.00151m(16123124)      0.00148m(16123124)      0.00145m(16123124)
 3777013.8 |      0.00170m(16123124)      0.00168m(16123124)
0.00165m(16123124)      0.00161m(16123124)      0.00158m(16123124)
 *** AERMOD - VERSION  19191 ***   *** With Project Operations
                          ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:41:40

                                 PAGE 117
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                 *** NETWORK ID: UCART8   ;  NETWORK TYPE:
GRIDCART ***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       471275.84
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3777113.8 |      0.00144 (12120324)
 3777063.8 |      0.00145 (12120324)
 3777013.8 |      0.00154m(16123124)
```

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 ,

*** NETWORK ID: UCART9 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 471071.36	471121.36	471171.36	471221.36
3777220.7	0.00119m(16123124)	0.00117m(16123124)	0.00122 (12120324)	0.00131 (12120324)
3777170.7	0.00130m(16123124)	0.00126m(16123124)	0.00124m(16123124)	0.00132 (12120324)
3777120.7	0.00141m(16123124)	0.00138m(16123124)	0.00135m(16123124)	0.00133 (12120324)

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 ,

*** NETWORK ID: UCART10 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3

```
                    **

  Y-COORD  |                                                    X-COORD (METERS)
  (METERS) |       470606.55               470656.55               470706.55
       470756.55               470806.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3777252.6 |      0.00137m(16123124)      0.00137m(16123124)
0.00136m(16123124)      0.00133m(16123124)      0.00130m(16123124)
 3777202.6 |      0.00143m(16123124)      0.00144m(16123124)
0.00144m(16123124)      0.00142m(16123124)      0.00140m(16123124)
 3777152.6 |      0.00147m(16123124)      0.00149m(16123124)
0.00151m(16123124)      0.00151m(16123124)      0.00150m(16123124)
 3777102.6 |      0.00149m(16123124)      0.00154m(16123124)
0.00156m(16123124)      0.00158m(16123124)      0.00158m(16123124)
 3777052.6 |      0.00150m(16123124)      0.00156m(16123124)
0.00160m(16123124)      0.00164m(16123124)      0.00166m(16123124)
 *** AERMOD - VERSION  19191 ***   *** With Project Operations
                         ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:41:40

                                  PAGE 120
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                  *** NETWORK ID: UCART10  ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                    X-COORD (METERS)
  (METERS) |       470856.55               470906.55               470956.55
       471006.55               471056.55
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3777252.6 |      0.00126m(16123124)      0.00122m(16123124)
0.00118m(16123124)      0.00115m(16123124)      0.00114m(16123124)
 3777202.6 |      0.00137m(16123124)      0.00134m(16123124)
0.00130m(16123124)      0.00127m(16123124)      0.00124m(16123124)
 3777152.6 |      0.00147m(16123124)      0.00145m(16123124)
```

0.00141m(16123124) 0.00138m(16123124) 0.00134m(16123124)
3777102.6 | 0.00157m(16123124) 0.00155m(16123124)
0.00153m(16123124) 0.00149m(16123124) 0.00146m(16123124)
3777052.6 | 0.00166m(16123124) 0.00166m(16123124)
0.00164m(16123124) 0.00162m(16123124) 0.00158m(16123124)

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 ,

*** NETWORK ID: UCART11 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS) | X-COORD (METERS)
470269.99 470319.99 470369.99 470419.99
- - - -

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 ,

*** NETWORK ID: UCART12 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 468710.70	468760.70	468810.70	468860.70	468910.70
3779663.0	0.00024m(16123124)	0.00025m(16123124)	0.00025m(16123124)	0.00025m(16123124)	0.00025m(16123124)
3779613.0	0.00024m(16123124)	0.00025m(16123124)	0.00025m(16123124)	0.00026m(16123124)	0.00026m(16123124)
3779563.0	0.00025m(16123124)	0.00025m(16123124)	0.00026m(16123124)	0.00026m(16123124)	0.00026m(16123124)
3779513.0	0.00025m(16123124)	0.00025m(16123124)	0.00026m(16123124)	0.00026m(16123124)	0.00027m(16123124)
3779463.0	0.00025m(16123124)	0.00026m(16123124)	0.00026m(16123124)	0.00027m(16123124)	0.00027m(16123124)
3779413.0	0.00025m(16123124)	0.00026m(16123124)	0.00026m(16123124)	0.00027m(16123124)	0.00028m(16123124)
3779363.0	0.00025m(16123124)	0.00026m(16123124)	0.00027m(16123124)	0.00027m(16123124)	0.00028m(16123124)
3779313.0	0.00026 (15122224)	0.00026m(16123124)	0.00027m(16123124)	0.00027m(16123124)	0.00028m(16123124)

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 , STCK2 ,

```
                                 *** NETWORK ID: UCART12  ;  NETWORK TYPE:
GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       468960.70              469010.70              469060.70
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3779663.0 |      0.00025m(16123124)      0.00025m(16123124)      0.00026
(16102724)
 3779613.0 |      0.00026m(16123124)      0.00026m(16123124)      0.00025
(16102724)
 3779563.0 |      0.00026m(16123124)      0.00026m(16123124)
0.00026m(16123124)
 3779513.0 |      0.00027m(16123124)      0.00027m(16123124)
0.00027m(16123124)
 3779463.0 |      0.00028m(16123124)      0.00028m(16123124)
0.00028m(16123124)
 3779413.0 |      0.00028m(16123124)      0.00028m(16123124)
0.00029m(16123124)
 3779363.0 |      0.00028m(16123124)      0.00029m(16123124)
0.00029m(16123124)
 3779313.0 |      0.00029m(16123124)      0.00029m(16123124)
0.00030m(16123124)
 *** AERMOD - VERSION  19191 ***   *** With Project Operations
                          ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:41:40

                                 PAGE 124
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                 *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                 *** NETWORK ID: UCART13  ;  NETWORK TYPE:
GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       471075.86              471125.86              471175.86
```

```
      471225.86               471275.86
 - - -
```

```
  (METERS) |       471325.86               471375.86               471425.86
       471475.86               471525.86
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3777911.5 |      0.00117 (12120324)      0.00119 (12120324)      0.00118
(12120324)      0.00116 (12120324)      0.00111 (12120324)
 3777861.5 |      0.00120 (12120324)      0.00122 (12120324)      0.00122
(12120324)      0.00120 (12120324)      0.00116 (12120324)
 3777811.5 |      0.00122 (12120324)      0.00125 (12120324)      0.00126
(12120324)      0.00125 (12120324)      0.00121 (12120324)
 3777761.5 |      0.00125 (12120324)      0.00128 (12120324)      0.00130
(12120324)      0.00130 (12120324)      0.00127 (12120324)
 3777711.5 |      0.00128 (12120324)      0.00132 (12120324)      0.00134
(12120324)      0.00134 (12120324)      0.00132 (12120324)
 3777661.5 |      0.00130 (12120324)      0.00135 (12120324)      0.00138
(12120324)      0.00139 (12120324)      0.00138 (12120324)
 3777611.5 |      0.00133 (12120324)      0.00138 (12120324)      0.00142
(12120324)      0.00144 (12120324)      0.00143 (12120324)
 3777561.5 |      0.00136 (12120324)      0.00142 (12120324)      0.00146
(12120324)      0.00149 (12120324)      0.00149 (12120324)
 3777511.5 |      0.00139 (12120324)      0.00145 (12120324)      0.00150
(12120324)      0.00153 (12120324)      0.00155 (12120324)
 3777461.5 |      0.00142 (12120324)      0.00148 (12120324)      0.00154
(12120324)      0.00158 (12120324)      0.00161 (12120324)
 3777411.5 |      0.00144 (12120324)      0.00152 (12120324)      0.00158
(12120324)      0.00163 (12120324)      0.00167 (12120324)
 3777361.5 |      0.00147 (12120324)      0.00154 (12120324)      0.00162
(12120324)      0.00168 (12120324)      0.00173 (12120324)
 *** AERMOD - VERSION  19191 ***   *** With Project Operations
                          ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:41:40

                                   PAGE 126
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                   *** NETWORK ID: UCART14  ;  NETWORK TYPE:
GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **
```

```
  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       472114.69               472164.69               472214.69
       472264.69               472314.69
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3777124.5 |      0.00255 (13120724)      0.00290 (13120724)      0.00315
(13120724)      0.00329 (13120724)      0.00334 (13120724)
 3777074.5 |      0.00273 (13120724)      0.00310 (13120724)      0.00335
(13120724)      0.00349 (13120724)      0.00353 (13120724)
 3777024.5 |      0.00293 (13120724)      0.00332 (13120724)      0.00358
(13120724)      0.00372 (13120724)      0.00374 (13120724)
 3776974.5 |      0.00316 (13120724)      0.00357 (13120724)      0.00384
(13120724)      0.00396 (13120724)      0.00396 (13120724)
 3776924.5 |      0.00342 (13120724)      0.00385 (13120724)      0.00412
(13120724)      0.00423 (13120724)      0.00421 (13120724)
 3776874.5 |      0.00371 (13120724)      0.00416 (13120724)      0.00443
(13120724)      0.00452 (13120724)      0.00447 (13120724)
 3776824.5 |      0.00404 (13120724)      0.00452 (13120724)      0.00478
(13120724)      0.00484 (13120724)      0.00475 (13120724)
 3776774.5 |      0.00442 (13120724)      0.00493 (13120724)      0.00518
(13120724)      0.00520 (13120724)      0.00505 (13120724)
 3776724.5 |      0.00487 (13120724)      0.00541 (13120724)      0.00564
(13120724)      0.00560 (13120724)      0.00538 (13120724)
 3776674.5 |      0.00540 (13120724)      0.00597 (13120724)      0.00616
(13120724)      0.00603 (13120724)      0.00571 (13120724)
 3776624.5 |      0.00603 (13120724)      0.00662 (13120724)      0.00674
(13120724)      0.00650 (13120724)      0.00605 (13120724)
 3776574.5 |      0.00678 (13120724)      0.00737 (13120724)      0.00740
(13120724)      0.00699 (13120724)      0.00637 (12120224)
 3776524.5 |      0.00770 (13120724)      0.00826 (13120724)      0.00812
(13120724)      0.00750 (13120724)      0.00783 (12120224)
 3776474.5 |      0.00883 (13120724)      0.00934 (13120724)      0.00893
(13120724)      0.00853 (12120224)      0.00963 (12120224)
 3776424.5 |      0.01024 (13120724)      0.01063 (13120724)      0.00979
(13120724)      0.01080 (12120224)      0.01178 (12120224)
↑ *** AERMOD - VERSION  19191 ***   *** With Project Operations
                          ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:41:40

                                  PAGE 127
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
 ,
```

*** NETWORK ID: UCART14 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 472364.69	472414.69	472464.69	472514.69	472564.69
3777124.5	0.00332 (13120724)	0.00324 (13120724)	0.00313 (13120724)	0.00300 (13120724)	0.00285 (13120724)
3777074.5	0.00349 (13120724)	0.00340 (13120724)	0.00327 (13120724)	0.00311 (13120724)	0.00294 (13120724)
3777024.5	0.00368 (13120724)	0.00356 (13120724)	0.00341 (13120724)	0.00323 (13120724)	0.00303 (13120724)
3776974.5	0.00388 (13120724)	0.00373 (13120724)	0.00355 (13120724)	0.00333 (13120724)	0.00310 (13120724)
3776924.5	0.00409 (13120724)	0.00391 (13120724)	0.00368 (13120724)	0.00343 (13120724)	0.00348 (12120224)
3776874.5	0.00431 (13120724)	0.00409 (13120724)	0.00382 (13120724)	0.00365 (12120224)	0.00397 (12120224)
3776824.5	0.00454 (13120724)	0.00427 (13120724)	0.00395 (13120724)	0.00420 (12120224)	0.00452 (12120224)
3776774.5	0.00478 (13120724)	0.00444 (13120724)	0.00445 (12120224)	0.00484 (12120224)	0.00512 (12120224)
3776724.5	0.00502 (13120724)	0.00470 (12120224)	0.00519 (12120224)	0.00556 (12120224)	0.00579 (12120224)
3776674.5	0.00525 (13120724)	0.00556 (12120224)	0.00604 (12120224)	0.00635 (12120224)	0.00647 (12120224)
3776624.5	0.00596 (12120224)	0.00658 (12120224)	0.00698 (12120224)	0.00718 (12120224)	0.00713 (12120224)
3776574.5	0.00717 (12120224)	0.00774 (12120224)	0.00799 (12120224)	0.00801 (12120224)	0.00771 (12120224)
3776524.5	0.00861 (12120224)	0.00899 (12120224)	0.00893 (12120224)	0.00856 (12120224)	0.00799 (12120224)
3776474.5	0.01022 (12120224)	0.01024 (12120224)	0.00975 (12120224)	0.00901 (12120224)	0.00808 (12120224)
3776424.5	0.01191 (12120224)	0.01134 (12120224)	0.01024 (12120224)	0.00913 (11081324)	0.00863 (11081324)

*** AERMOD - VERSION 19191 *** *** With Project Operations ***
01/05/21

*** AERMET - VERSION 16216 *** *** ***
13:41:40

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                  *** NETWORK ID: UCART15  ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       472138.17               472188.17               472238.17
       472288.17               472338.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3775714.7 |      0.01170b(12123024)      0.01023b(12123024)
0.00763b(12123024)      0.00709 (12031224)      0.00695 (16100524)
 3775664.7 |      0.01093b(12123024)      0.01013b(12123024)
0.00776b(12123024)      0.00611 (12031224)      0.00593 (12031224)
 3775614.7 |      0.00979b(12123024)      0.00927b(12123024)
0.00760b(12123024)      0.00592b(12123024)      0.00526 (12031224)
 3775564.7 |      0.00870b(12123024)      0.00837b(12123024)
0.00727b(12123024)      0.00594b(12123024)      0.00485 (11041424)
 3775514.7 |      0.00779b(12123024)      0.00767b(12123024)
0.00691b(12123024)      0.00585b(12123024)      0.00479 (11041424)
 3775464.7 |      0.00705b(12123024)      0.00706b(12123024)
0.00654b(12123024)      0.00570b(12123024)      0.00469b(12123024)
 3775414.7 |      0.00646b(12123024)      0.00653b(12123024)
0.00617b(12123024)      0.00550b(12123024)      0.00463b(12123024)
 3775364.7 |      0.00598b(12123024)      0.00609b(12123024)
0.00582b(12123024)      0.00527b(12123024)      0.00454b(12123024)
 3775314.7 |      0.00560b(12123024)      0.00570b(12123024)
0.00549b(12123024)      0.00504b(12123024)      0.00455 (13120724)
 3775264.7 |      0.00584 (13120724)      0.00594 (13120724)      0.00571
(13120724)      0.00528 (13120724)      0.00475 (13120724)
 3775214.7 |      0.00635 (13120724)      0.00643 (13120724)      0.00612
(13120724)      0.00558 (13120724)      0.00538 (12120224)
 3775164.7 |      0.00698 (13120724)      0.00700 (13120724)      0.00656
(13120724)      0.00588 (13120724)      0.00646 (12120224)
 3775114.7 |      0.00774 (13120724)      0.00765 (13120724)      0.00703
(13120724)      0.00694 (12120224)      0.00776 (12120224)
 3775064.7 |      0.00869 (13120724)      0.00842 (13120724)      0.00750
(13120724)      0.00856 (12120224)      0.00927 (12120224)
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 3775014.7 |      0.00988 (13120724)      0.00928 (13120724)      0.00943
(12120224)      0.01056 (12120224)      0.01089 (12120224)
 3774964.7 |      0.01115 (13120724)      0.01030 (12120224)      0.01204
(12120224)      0.01286 (12120224)      0.01255 (12120224)
 3774914.7 |      0.01269 (13120724)      0.01373 (12120224)      0.01530
(12120224)      0.01529 (12120224)      0.01410 (12120224)
 3774864.7 |      0.01540 (12120224)      0.01847 (12120224)      0.01908
(12120224)      0.01751 (12120224)      0.01489 (11081324)
 3774814.7 |      0.02201 (12120224)      0.02444 (12120224)      0.02243
(12120224)      0.01864 (11081324)      0.01637 (11081324)
 3774764.7 |      0.03173 (12120224)      0.03018 (12120224)      0.02419
(11081324)      0.02041 (13020624)      0.01786 (13020624)
 3774714.7 |      0.04120 (12120224)      0.03214 (12021324)
0.02643m(12042324)      0.02241 (15061124)      0.01956 (13111624)
 3774664.7 |      0.05158 (13102824)      0.03864 (13111624)      0.03218
(13111624)      0.02620 (13111624)      0.02134 (13111624)
 3774614.7 |      0.05952 (16051524)      0.04373 (16051524)      0.03246
(16051524)      0.02512 (16051524)      0.02001 (16051524)
 3774564.7 |      0.03392 (16051524)      0.03204 (16051524)      0.02635
(16051524)      0.02158 (16051524)      0.01792 (16051624)
 3774514.7 |      0.01727 (16092424)      0.01635 (16090524)      0.01548
(16090524)      0.01380 (16090524)      0.01257 (15060524)
 3774464.7 |      0.01404 (16092424)      0.01408 (16100524)      0.01229
(16100524)      0.01110 (16090524)      0.01008 (16090524)
 3774414.7 |      0.01391 (12022124)      0.01169 (16100524)      0.01114
(16100524)      0.00984 (16100524)      0.00843 (16100524)
 3774364.7 |      0.01314b(12123024)      0.00969 (12022124)      0.00939
(16100524)      0.00892 (16100524)      0.00799 (16100524)
 3774314.7 |      0.01284b(12123024)      0.00963b(12123024)      0.00778
(12031224)      0.00764 (16100524)      0.00722 (16100524)
 3774264.7 |      0.01212b(12123024)      0.00961b(12123024)
0.00730b(12123024)      0.00654 (12031224)      0.00633 (16100524)
 *** AERMOD - VERSION  19191 ***   *** With Project Operations
                         ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:41:40

                                   PAGE 129
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
 ,

                                   *** NETWORK ID: UCART16  ;  NETWORK TYPE:
GRIDCART ***
```

```
                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       472255.22              472305.22              472355.22
       472405.22              472455.22
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3776236.9 |      0.02308 (12120224)      0.01908 (11081324)      0.01654
(11081324)      0.01475 (13020624)      0.01290 (13020624)
 3776186.9 |      0.02465 (11081324)      0.02099 (13020624)      0.01795
(13020624)      0.01530m(12082324)      0.01341 (13111624)
 3776136.9 |      0.02691m(12042324)      0.02308 (13111624)      0.01996
(13111624)      0.01725 (13111624)      0.01478 (13111624)
 3776086.9 |      0.03304 (13111624)      0.02658 (13111624)      0.02132
(13111624)      0.01749 (13111624)      0.01454 (13111624)
 3776036.9 |      0.03299 (16051524)      0.02533 (16051524)      0.02008
(16051524)      0.01651 (16051624)      0.01402 (16051624)
 3775986.9 |      0.02549 (16051524)      0.02096 (16051524)      0.01761
(16051624)      0.01501 (16051624)      0.01291 (16051624)
 3775936.9 |      0.01544 (16090524)      0.01364 (16090524)
0.01250m(13112024)      0.01140m(13112024)      0.01029m(13112024)
 3775886.9 |      0.01236 (16100524)      0.01095 (16090524)      0.01000
(16090524)      0.00912m(13112024)      0.00852m(13112024)
↑ *** AERMOD - VERSION  19191 ***   *** With Project Operations
                         ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:41:40

                                  PAGE 130
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                  *** THE SUMMARY OF MAXIMUM ANNUAL RESULTS
AVERAGED OVER   5 YEARS ***


                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                **


                         NETWORK
GROUP ID                      AVERAGE CONC                RECEPTOR  (XR, YR,
ZELEV, ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

ALL       1ST HIGHEST VALUE IS       0.02651 AT (  472023.42,  3776002.42,
```

```
345.20,   345.20,    0.00)  GC  UCART1
          2ND HIGHEST VALUE IS       0.02028 AT (  472138.17,  3774664.69,
331.90,   331.90,    0.00)  GC  UCART15
          3RD HIGHEST VALUE IS       0.01906 AT (  472138.17,  3774614.69,
331.50,   331.50,    0.00)  GC  UCART15
          4TH HIGHEST VALUE IS       0.01826 AT (  472023.42,  3774552.42,
332.30,   332.30,    0.00)  GC  UCART1
          5TH HIGHEST VALUE IS       0.01640 AT (  472188.17,  3774664.69,
331.70,   331.70,    0.00)  GC  UCART15
          6TH HIGHEST VALUE IS       0.01397 AT (  472188.17,  3774614.69,
331.20,   331.20,    0.00)  GC  UCART15
          7TH HIGHEST VALUE IS       0.01339 AT (  472023.42,  3776052.42,
345.60,   345.60,    0.00)  GC  UCART1
          8TH HIGHEST VALUE IS       0.01338 AT (  472188.17,  3774714.69,
332.00,   332.00,    0.00)  GC  UCART15
          9TH HIGHEST VALUE IS       0.01319 AT (  472138.17,  3774714.69,
332.20,   332.20,    0.00)  GC  UCART15
         10TH HIGHEST VALUE IS       0.01311 AT (  472023.42,  3775952.42,
344.90,   344.90,    0.00)  GC  UCART1


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION  19191 ***   *** With Project Operations
                         ***        01/05/21
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:41:40

                                   PAGE 131
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                 *** THE SUMMARY OF HIGHEST  1-HR
RESULTS ***


                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                **

                                                          DATE
                                             NETWORK
GROUP ID                          AVERAGE CONC     (YYMMDDHH)             RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

ALL      HIGH   1ST HIGH VALUE IS       0.34862  ON 16092521: AT (  472023.42,
```

3776002.42, 345.20, 345.20, 0.00) GC UCART1

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR
*** AERMOD - VERSION 19191 *** *** With Project Operations
*** 01/05/21
*** AERMET - VERSION 16216 *** ***
*** 13:41:40

PAGE 132
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 24-HR
RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

DATE
NETWORK
GROUP ID AVERAGE CONC (YYMMDDHH) RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID
- - - -

```
 A Total of            0 Fatal Error Message(s)
 A Total of            7 Warning Message(s)
 A Total of          838 Informational Message(s)

 A Total of        43848 Hours Were Processed

 A Total of           40 Calm Hours Identified

 A Total of          798 Missing Hours Identified (  1.82 Percent)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186      68       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187      68       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 MX W438    8800        METQA: Convective Velocity Data Out-of-Range.  KURDAT =
  12010216
 MX W438   11536        METQA: Convective Velocity Data Out-of-Range.  KURDAT =
  12042516
 MX W420   16779        METQA: Wind Speed Out-of-Range.   KURDAT =
  12113003
 MX W450   26305       CHKDAT: Record Out of Sequence in Meteorological File at:
  15010101
 MX W450   26305       CHKDAT: Record Out of Sequence in Meteorological File at:
1 year gap

    ************************************
    *** AERMOD Finishes Successfully ***
    ************************************
```

HARP2 - HRACalc (dated 19044) 1/5/2021 11:44:31 AM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: HighEnd

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25
Total Exposure Duration: 30

Exposure Duration Bin Distribution
3rd Trimester Bin: 0.25
0<2 Years Bin: 2
2<9 Years Bin: 0
2<16 Years Bin: 14
16<30 Years Bin: 14
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: False
Dermal: False
Mother's milk: False
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: LongTerm24HR

```
**Worker Adjustment Factors**
Worker adjustment factors enabled: NO

**Fraction at time at home**
3rd Trimester to 16 years: OFF
16 years to 70 years: ON

**********************************
TIER 2 SETTINGS
Tier2 not used.

**********************************

Calculating cancer risk
Cancer risk saved to: D:\Work\BNSF\Ono\Operational Risk\Existing_CancerRisk.csv
Calculating chronic risk
Chronic risk saved to: D:\Work\BNSF\Ono\Operational Risk\Existing_NCChronicRisk.csv
Calculating acute risk
Acute risk saved to: D:\Work\BNSF\Ono\Operational Risk\Existing_NCAcuteRisk.csv
HRA ran successfully
```

HARP2 - HRACalc (dated 19044) 1/5/2021 4:03:18 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: HighEnd

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25
Total Exposure Duration: 30

Exposure Duration Bin Distribution
3rd Trimester Bin: 0.25
0<2 Years Bin: 2
2<9 Years Bin: 0
2<16 Years Bin: 14
16<30 Years Bin: 14
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: False
Dermal: False
Mother's milk: False
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: LongTerm24HR

```
**Worker Adjustment Factors**
Worker adjustment factors enabled: NO

**Fraction at time at home**
3rd Trimester to 16 years: OFF
16 years to 70 years: ON

**********************************
TIER 2 SETTINGS
Tier2 not used.

**********************************

Calculating cancer risk
Cancer risk saved to: D:\Work\BNSF\Ono\Operational Risk\W-Project_CancerRisk.csv
Calculating chronic risk
Chronic risk saved to: D:\Work\BNSF\Ono\Operational
Risk\W-Project_NCChronicRisk.csv
Calculating acute risk
Acute risk saved to: D:\Work\BNSF\Ono\Operational Risk\W-Project_NCAcuteRisk.csv
HRA ran successfully
```

*HARP - HRACalc v19044 1/5/2021 11:44:31 AM - Cancer Risk - Input File: D:\Work\BNSF\Ono\Operational Risk\Existing_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	DETAILS	INH_RISK	SOIL_RISI	DERMAL_R	MMILK_RIS	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISI
1			9901	DieselExhPM	0.045	3.89E-05	30YrCancerHighEnd_Inh_	*	3.89E-05	######	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2			107028	Acrolein	0	0.00E+00	30YrCancerHighEnd_Inh_	*	0.00E+00	######	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 1/5/2021 11:44:31 AM - Chronic Risk - Input File: D:\Work\BNSF\Ono\Operational Risk\Existing_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO
1			9901	DieselExhPM	0.045	NonCancerChr	0.00E+00	0.00E+00	0.00E+00	######	0.00E+00	0.00E+00	9.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2			107028	Acrolein	0	NonCancerChr	0.00E+00	0.00E+00	0.00E+00	######	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 1/5/2021 11:44:31 AM - Acute Risk - Input File: D:\Work\BNSF\Ono\Operational Risk\Existing_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO
1			9901	DieselExhPM	0	NonCancerAcu	0.00E+00	0.00E+00	0.00E+00	######	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2			107028	Acrolein	0.59583	NonCancerAcu	0.00E+00	0.00E+00	0.00E+00	######	0.00E+00	0.00E+00	2.38E-01	0.00E+00	2.38E-01	0.00E+00	0.00E+00

*HARP - HRACalc v19044 1/5/2021 4:03:18 PM - Cancer Risk - Input File: D:\Work\BNSF\Ono\Operational Risk\W-Project_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	DETAILS	INH_RISK	SOIL_RISI	DERMAL_R	MMILK_RIS	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISI
1			9901	DieselExhPM	0.02651	2.29E-05	30YrCancerHighEnd_Inh_	*	2.29E-05	######	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2			107028	Acrolein	0	0.00E+00	30YrCancerHighEnd_Inh_	*	0.00E+00	######	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 1/5/2021 4:03:18 PM - Chronic Risk - Input File: D:\Work\BNSF\Ono\Operational Risk\W-Project_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO
1			9901	DieselExhPM	0.02651	NonCancerChr	0.00E+00	0.00E+00	0.00E+00	######	0.00E+00	0.00E+00	5.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2			107028	Acrolein	0	NonCancerChr	0.00E+00	0.00E+00	0.00E+00	######	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 1/5/2021 4:03:18 PM - Acute Risk - Input File: D:\Work\BNSF\Ono\Operational Risk\W-Project_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO
1			9901	DieselExhPM	0	NonCancerAcu	0.00E+00	0.00E+00	0.00E+00	######	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2			107028	Acrolein	0.34862	NonCancerAcu	0.00E+00	0.00E+00	0.00E+00	######	0.00E+00	0.00E+00	1.39E-01	0.00E+00	1.39E-01	0.00E+00	0.00E+00