

## **Appendix G**

# **Health Risk Assessment**

**Grand Terrace Assembly and  
Light Manufacturing Building  
INITIAL STUDY/MITIGATED  
NEGATIVE DECLARATION**

# Health Risk Assessment

**TO:** Konstanza Dobreva, EPD Solutions, Inc.  
**FROM:** Vince Mirabella  
**DATE:** July 5, 2023

**SUBJECT: Comparison of Health Risk Impacts for the Proposed Barton Road Industrial Project and the Existing Land Use, Grand Terrace, CA (Revised)**

## SECTION 1: PROJECT INFORMATION

### 1.1 - Project Name

Barton Road Industrial Project (Project)

### 1.2 - Purpose of this Report

This report has been prepared to identify the potential health risk impacts from the Project's operation and compare these impacts to the operation of the Existing Land Use located at the Project site. This health risk assessment (HRA) focuses on the emissions of diesel particulate matter (DPM) from the operation of the heavy-duty diesel vehicles that would serve the Project and the Existing Land Use on a daily basis. The California Air Resources Board (ARB) has identified DPM as a carcinogenic substance responsible for nearly 70 percent of the airborne cancer risk in California.<sup>1</sup> This analysis estimated the health risk impacts from the Project operation and the Existing Land Use operation and compared the net differences to the health risk significance thresholds recommended by the South Coast Air Quality Management District (SCAQMD) for use in CEQA assessments.

This HRA employed the following tools to estimate the health impacts:

- The California Air Resources Board (ARB) EMFAC2021 mobile emission source model<sup>2</sup> to calculate DPM exhaust and idling emissions from mobile sources such as diesel trucks
- The U.S. Environmental Protection Agency (EPA) AMS/EPA Regulatory Model (AERMOD Version 22112) air dispersion model<sup>3</sup> to estimate DPM impacts to sensitive and worker receptors)
- Cancer Risk Methodology from the California Office of Environmental Health Hazards Assessment (OEHHA)<sup>4</sup> and the SCAQMD<sup>5</sup>.
- The ARB HARP2<sup>6</sup> health risk assessment model to estimate health risk impacts

<sup>1</sup> California Air Resources Board 2017. Study Links California Regulations, Dramatic Declines in Cancer Risk from Exposure to Air Toxics. Website: <https://ww2.arb.ca.gov/news/study-links-california-regulations-dramatic-declines-cancer-risk-exposure-air-toxics>

<sup>2</sup> California Air Resources Board 2021. EMFAC. Website: <https://arb.ca.gov/emfac/>

<sup>3</sup> US Environmental Protection Agency 2022. <https://www.epa.gov/scram/air-quality-dispersion-modeling-preferred-and-recommended-models#aermod>

<sup>4</sup> California Office of Environmental Health Hazards Assessment 2015. Air Toxics Hot Spots Program. Risk Assessment Guidelines. Guidance Manual for Preparation of Health Risk Assessments. Website: <https://oehha.ca.gov/media/downloads/cnrr/2015guidancemanual.pdf>

<sup>5</sup> SCAQMD 2017. Risk Assessment Procedures for Rules 1401, 1401.1, 1402, and 212, Version 8.1/

<sup>6</sup> California Air Resources Board 2022. Air Dispersion Modeling and Risk Tool. Website: <https://ww2.arb.ca.gov/resources/documents/harp-air-dispersion-modeling-and-risk-tool>

## 1.3 - Environmental Setting

### 1.3.1 Project Location

The Project is an approximately 171,500 SF assembly and light manufacturing building located at 21801 & 21823 Barton Road in the City of Grand Terrace within San Bernardino County. Regional access to the Project site is provided by Interstate 215 (I-215) located approximately 0.5 miles, east of the site. The site is located between the cities of Highgrove and Colton, along the 215 highway. The site is primarily surrounded by commercial and industrial uses. The project site and surrounding regional area are shown in Figure 1. The site is identified by Assessor's Parcel Numbers 1167-121, -02, -03, -04, -07, a portion of 08 & 1167-131-11.

### 1.3.2 Existing Project Site

The project boundary encompasses roughly 9.20 acres, including the development site and offsite improvement areas. The development site encompasses 5 parcels totaling approximately 9.02 acres. The building site is identified by Assessor's Parcel Numbers 1167-121-02, -03, -04, -07, and a portion of 1167-121-08. The eastern portion of the site is developed with three (3) buildings totaling 12,950 square feet. The western portion of the building site is currently vacant with building pads. The site is relatively flat and is partially developed with non-native plant species. The site is currently accessible via one point of access along Barton Road which provides ingress and egress. The project development site and project boundary are shown in Figure 2.

APN 1167-121-08 is owned by the City of Riverside and runs diagonally through the southeast of the site. A portion of the site will be utilized for parking through a licensing agreement. APN 1167-131-011 is part of the project boundary and lies to the southwest of the proposed site. This parcel is currently vacant with some shrubbery sprinkled throughout the site. It contains utility posts along the south side of the property line to De Berry street. A portion of this parcel will be disturbed and utilized for offsite improvements.

### 1.3.3 Existing Land Uses and Zoning Designation of the Project Site

The project site is within the Light Industrial (LI) General Plan designation and has a zoning designation of Restricted Manufacturing (MR) zone. The assembly and light manufacturing facility use is permitted by right and is consistent with the site's General Plan Land Use and zoning designations.

### 1.3.4 Project Description

The proposed Project will consist of the redevelopment of the existing site and the construction of an approximately 171,500 square foot assembly and light manufacturing building which will encompass 50,723 square feet of assembly, 116,377 square feet of assembly storage, 4,400 square feet of office space, 18 dock doors, and 240 auto parking spaces. The Project site plan shows 170,152 square feet of building area, to account for changes in the site plan that can occur during the planning process, the

Project is conservatively evaluated in the memorandum as 171,500 square feet. Figure 3 provides the Project site plan.

### **Landscaping and Screening**

The Project site includes landscaping along Barton Road to enhance the frontage of the proposed building. The parking lot areas north of the proposed building would include 15-24 inch box trees and shrubs. The Project would include approximately 26,705 SF of landscape which totals 6.8% of the project site.

### **Access and Circulation**

The Project site will be accessed via an existing driveway along Barton Rd. This driveway will be expanded to be roughly 70ft wide and is located to the north of the proposed building. A second 30ft driveway is proposed for emergency vehicle access only along the eastern portion of the site that will be gated. Internal circulation will be via a 30 ft drive aisle.

### **Development and Operational Summary**

The proposed Project will consist of approximately 171,500 square feet of assembly, light manufacturing, ground floor, and a mezzanine office. The total parking will include two hundred forty (240) total parking spaces. Standard spaces will consist of 233 parking stalls (9'x19') and seven (7) ADA parking spaces.

### **Construction and Phasing**

Construction activities for the Project would occur over one phase and include demolition, site preparation, grading, building construction, paving, landscaping, and architectural coatings. The Project construction completion timeline from start to finish will total approximately 14 months.

### **Operational Characteristics**

The proposed Project is a speculative industrial building but assumed operations include assembly and light manufacturing. Typical operational characteristics include employees and customers traveling to and from the site, delivering materials and supplies, loading and unloading trucks, and manufacturing activities. It is assumed that no cold storage would be associated with the operation of the building. According to the Southern California Association of Governments, the generation rate for employees required for the operation of an industrial project is 1 employee for every 1,195 SF of industrial space, but to be conservative, it is assumed this Project would generate approximately 175 employees.

The proposed hours of operations are assumed to be 6:00 am to 11:00 pm, but to be conservative, all technical studies have assumed 24/7 hours of operations. The proposed Project was assumed to commence operation in 2025.

## **1.4 - Conclusions**

- The Project's operational DPM emissions would result in slightly higher cancer risk impacts compared to the respective cancer risks from the operation of the Existing Land Use at the location of the maximum impacted sensitive receptor.

- The Project's incremental health impact would increase cancer risk by 0.5 in one million at the maximum-impacted sensitive receptor for the 30-year exposure duration, a risk less than the SCAQMD project level and cumulative significance thresholds of 10 in one million.
- The maximum cancer risk impact from the Project operation is 1.1 in one million.
- Therefore, the Project's cancer health risk impacts are neither individually significant nor cumulatively considerable.
- The Project's operational DPM emissions would result in essentially no difference in non-cancer hazard impacts compared to the respective non-cancer hazards from the operation of the Existing Land Use at the location of the maximum impacted sensitive receptor.
- The Project's incremental increase in non-cancer hazards is less than 0.1 compared to the SCAQMD significance threshold of 1.0. Therefore, the Project's non-cancer health hazard impacts are neither individually significant nor cumulatively considerable.

## Regional Location



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**Barton Road Development Project  
City of Grand Terrace**

**Figure 1**

**Existing Site**

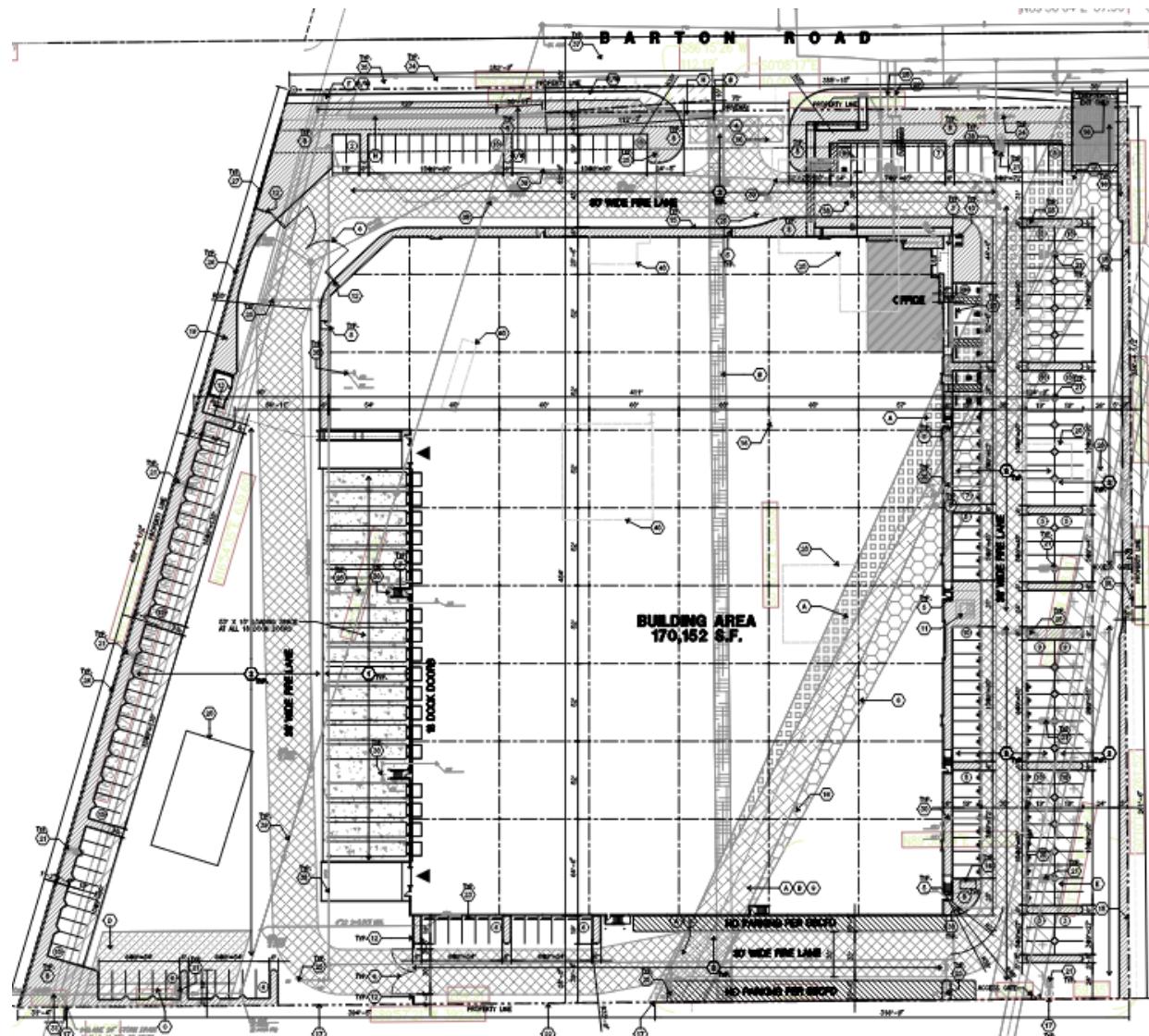


**Barton Road Development Project  
City of Grand Terrace**

**Figure 2**

b

# Project Site Plan



# **Barton Road Development Project**

## **City of Grand Terrace**

**Figure 3**

## SECTION 2: HEALTH RISK ASSESSMENT

A HRA is a guide that helps determine whether the risks from current or future exposures to a toxic chemical or substance in the environment could affect the health of a population. In general, the quantification of risk from the development of a project depends on the following factors:

- Identification of the toxic air contaminants (TACs) that may be present in the air;
- Estimation of the amount of TACs released from all emission sources using emission models;
- Estimation of the airborne concentrations of TACs in the geographic area of concern using air dispersion models using information about emissions, source locations, weather, and other factors; and
- Estimation of the level of exposure to different concentrations of the TACs at different geographic locations and their consequential health impacts.

Thus, a HRA identifies the TACs that could affect public health, identifies the sources and quantities of the TAC emissions, estimates where the emissions are transported by prevailing meteorological conditions, and assesses the consequential health impacts of the identified exposures.

The State of California Office of Environmental Health Hazards Assessment (OEHHA) has developed methods for conducting health risk assessments. As defined under the Air Toxics “Hot Spots” Information and Assessment Act of 1987 (AB 2588 [Chapter 1252, Statutes of 1987, California Health and Safety Code Section 44306]),

“A health risk assessment means a detailed, comprehensive analysis prepared pursuant to Section 44361 to evaluate and predict the dispersion of hazardous substances in the environment and the potential for exposure of human populations and to assess and quantify both the individual and population-wide health risks associated with those levels of exposure.”

Estimates of health risk and hazards that could potentially affect nearby sensitive receptors from the emissions of TACs were made using the methodology described below. The methodology included assumptions regarding emission source quantification, configurations and locations, receptor locations, air dispersion modeling, and health risk modeling. As noted above, this HRA focused on diesel particulate matter (DPM) emissions. The ARB has identified DPM as the principal airborne carcinogenic substance in California. In this HRA, DPM was assumed to be comprised of PM<sub>10</sub> motor vehicle exhaust emissions.

### 2.1 - Significance Thresholds

#### 2.1.1 SCAQMD Project-Level

The City has not adopted a numerical significance threshold for cancer risk or non-cancer hazards. Therefore, this assessment adopted the significance thresholds recommended by the SCAQMD. The relevant significance thresholds are provided below:

- Cancer Risk: ten (10) persons per million population as the maximum acceptable incremental cancer risk due to exposure to toxic air contaminants (TAC)
- Non-cancer Hazard Index: 1.0

## 2.1.2 Cumulative

The SCAQMD has published a report on addressing cumulative impacts from air pollution: White Paper on Potential Control Strategies to Address Cumulative Impacts from Air Pollution<sup>7</sup>. The SCAQMD considers projects exceeding the project-specific significance thresholds as a cumulatively considerable impact. Therefore, the project-specific (noted above) and cumulative significance thresholds are the same. As a result, projects that do not exceed the project-specific thresholds are not considered to be cumulatively significant.

## 2.2 - Health Risk Assessment Methodology

### 2.2.1 Cancer Risks

Cancer risks are estimated as the upper-bound incremental probability that an individual will develop cancer due to exposure to potential carcinogens over a specified exposure duration. The estimated risk is expressed as a probability since there is no level below which some level of impact may occur. The cancer risk attributed to a chemical is calculated by multiplying the chemical intake or dose at the human exchange boundaries (e.g., lungs) by the chemical-specific cancer potency factor (CPF). A cancer risk level of 10 in a million implies a likelihood that up to ten people in a population of one million equally exposed people could contract cancer if exposed continuously (24 hours per day) to the levels of TACs over a specified duration of time. This risk is an excess cancer risk in addition to any environmental cancer risk borne by a person not exposed to a project's TAC emissions.

The exposure dose is the amount of a chemical taken into the body at a given time. In particular, the exposure dose through inhalation ( $Dose_{air}$ ) is a function of the breathing rate, the exposure frequency, and the concentration of exposures. Breathing rates change over time for different age groups and are determined for specific age groups. The  $Dose_{air}$  is calculated for each of the following age groups: 3<sup>rd</sup> trimester to birth, 0 to 2, 2 to 16, and 16 to 30 years of age. The OEHHA recommends that the 30-year exposure duration be used as the basis for public notification and risk reduction audits and plans<sup>8</sup> as the key indicator of long-term health risk impacts. The risks for each age group are summed together to provide a total estimate of lifetime cancer risks for sensitive receptors. To estimate the cancer risk, the  $Dose_{air}$  is estimated by applying the following equation to the DPM concentration at each receptor as calculated by the air dispersion model:

$$Dose_{air} = C_{DPM} \times DBR_i \times A \times EF_i \quad (\text{EQ-1})$$

<sup>7</sup> South Coast Air Quality Management District (SCAQMD) 2003. White Paper on Potential Control Strategies to Address Cumulative Impacts from Air Pollution

<sup>8</sup> California Office of Environmental Health Hazards Assessment 2015. Risk Assessment Guidelines, Guidance Manual for Preparation of Health Risk Assessments. Page 8-6.

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July 5, 2023

Where:

Dose<sub>air</sub> = dose through inhalation (mg/kg/day)  
 $C_{DPM}$  = period average concentration of DPM as estimated by the air dispersion model ( $\mu\text{g}/\text{m}^3$ )  
DBR = daily breathing rate for each age group (liters/kg-day)—see Table 1  
A = Inhalation absorption factor (unitless = 1)  
EF = exposure frequency (days per year) – see Table 1  
i – number of age groups

The dose is multiplied by the cancer potency factor, the age sensitivity factors (ASF), the exposure duration (ED), and the frequency of time spent at home (FAH, for sensitive/residential receptors only) divided by averaging time (AT) to arrive at an estimate of cancer risk:

$$\text{Cancer Risk} = \sum_{i=1}^n \text{Dose}_{\text{air},i} \times \text{CPF} \times \text{ASF}_i \times \text{ED}_i \times \text{TAH}_i / \text{AT} \quad (\text{EQ-2})$$

Where:

Cancer Risk = Total individual excess inhalation cancer risk, defined as the cancer risk a hypothetical individual faces if exposed to carcinogenic emissions from a particular source for specified exposure durations; this risk is summed over all age groups; cancer risk is expressed in terms of risk per million exposed individuals.

Dose<sub>air,i</sub> = inhalation dose through inhalation (mg/kg-day)  
CPF = inhalation cancer potency factor ( $\text{mg}/\text{kg}\cdot\text{day}$ )<sup>-1</sup>  
ASF<sub>i</sub> = age sensitivity factors - see Table 1  
ED<sub>i</sub> = exposure duration (years)—see Table 1  
AT = averaging time of lifetime cancer risk (70 years)  
TAH<sub>i</sub> = fraction of time spent at home—see Table 1  
n = number of age groups

For purposes of this HRA, the 30-year exposure duration for sensitive/residential receptors, consistent with the OEHHA/SCAQMD guidance, was assumed to span the time from the 3<sup>rd</sup>-trimester pre-birth in 2025 (the Project's opening year) to the year 2054. The OEHHA recommends that the 30-year exposure duration be used as the basis for public notification and risk reduction audits and plans. Estimates of cancer risk were also provided for informational purposes for a child exposure (3<sup>rd</sup>-trimester pre-birth to 9 years), adult exposures (30 years), full lifetime exposure (3<sup>rd</sup>-trimester pre-birth to 70 years), and worker receptors (25 years)

Table 1 provides the values for the various cancer risk parameters shown in Equation 1 and Equation 2 for the receptor types examined in this assessment. For DPM, the value of the CPF is 1.1 milligrams per kilogram per day.

**Table 1: Exposure Assumptions for Cancer Risk – OEHHA/SCAQMD Guidance**

Age Group	Exposure Frequency EF		Exposure Duration, ED (years)	Age Sensitivity Factors (ASF)	Time at Home Factor (TAH)	Daily Breathing Rate <sup>(1)</sup> (DBR) (L/kg-day)
	Hours/day	Days/year				
<b>a) Sensitive/Residential Receptor—Pre-birth to Adult (30-years duration)</b>						
3 <sup>rd</sup> Trimester to Birth	24	350	0.25	10	0.85	361
0 to 2 years	24	350	2	10	0.85	1,090
2 to 16 years	24	350	14	3	0.72	745
16 to 30 years	24	350	14	1	0.73	335
<b>Sensitive Receptor/Residential Child (9-years duration)</b>						
3 <sup>rd</sup> Trimester to Birth	24	350	0.25	10	0.85	361
0 to 2 years	24	350	2	10	0.85	1,090
2 – 9 years old	24	350	9	3	0.72	861
<b>Sensitive Receptor/Residential Receptor - Pre-birth to Adult (70-years duration)</b>						
3 <sup>rd</sup> Trimester to Birth	24	350	0.25	10	0.85	361
0 to 2 years	24	350	2	10	0.85	1,090
2 to 16 years	24	350	14	3	0.72	745
16 to 70 years	24	350	54	1	0.73	290
<b>Worker Receptor (25-years duration)</b>						
17 years and older	8	250	25	1	1	230
Note:						
(1) Daily breathing rates are representative of the 95 <sup>th</sup> percentile for sensitive/residential receptors (L/kg-day) = liters per kilogram body weight per day						
Source: SCAQMD Rule 1401.						

## 2.2.2 Chronic Non-cancer Hazard

TACs can also cause chronic (long-term) effects on non-cancer illnesses such as reproductive effects, birth defects, or adverse environmental effects. Non-cancer health risks are conveyed in terms of the hazard index (HI). A ratio of the predicted concentration of the facility's reported TAC emissions to a concentration is considered acceptable to public health professionals. A significant risk is defined as an HI of 1 or greater. A HI of less than 1 indicates that no significant health risks are expected from the facility's TAC emissions. The following equation gives the relationship for the non-cancer hazards for TACs.

$$HI = C_{ann}/REL \quad (EQ-3)$$

Where:

HI = Hazard Index: an expression of the potential for chronic non-cancer health risks

$C_{ann}$  = Annual average TAC (as DPM) concentration ( $\mu\text{g}/\text{m}^3$ )

REL = Reference Exposure Level: the DPM concentration at which no adverse health effects are anticipated

Annual concentrations of DPM are used to estimate chronic non-cancer hazards. The OEHHA has defined a REL for DPM of 5  $\mu\text{g}/\text{m}^3$ .

The cancer risk and chronic non-cancer hazard methodology described above in Equations 1 to 3 and Table 1 have been incorporated into the ARB Hot Spots Analysis and Reporting Program (HARP2) model used to estimate the operational health impacts. The principal assumptions employed in the HAPR2 model are shown in Table 9.

**Table 2: HARP2 Model Assumptions**

Feature	Assumption
DPM Concentrations	<ul style="list-style-type: none"><li>Period average and 1-hour average concentrations of DPM from the AERMOD air dispersion model</li></ul>
Individual Cancer Risk	<ul style="list-style-type: none"><li>30-year exposure duration with age-sensitivity factors; other exposure durations included for information purposes</li><li>High-end 95<sup>th</sup> percentile daily breathing rates</li><li>Time at home factors (see Table 1)</li><li>Pathways: inhalation, soil ingestion, dermal, mother's milk, homegrown produce</li><li>Deposition rate: 0.02 m/sec</li><li>RMP Using the Derived Method</li></ul>
Chronic Non-cancer Hazard	<ul style="list-style-type: none"><li>OEHHA Derived Method</li></ul>
Pathways	<ul style="list-style-type: none"><li>Inhalation, soil ingestion, mother's milk, homegrown produce</li></ul>
Source: see Attachment	

## 2.3 - Operational Mobile Source DPM Emissions

### 2.3.1 DPM Emission Methodology

Estimates of mobile source emissions are based on an activity level and an emission factor. The activity level is defined as the number of vehicle trips, vehicle miles traveled, or time a vehicle spends idling. An emission factor quantifies the amount of air emission for a specific activity, such as a gram of DPM (as PM<sub>10</sub> exhaust) emitted per vehicle mile traveled or per hour of idling. This analysis focuses on quantifying the DPM emissions from heavy-duty diesel trucks, which comprise over 99 percent of the DPM source emissions from mobile sources.

Emissions from motor vehicles can be characterized as follows:

- Combustion emissions (grams/mile or grams/hour for idling) resulting from the combustion of diesel fuel from heavy-duty trucks are the primary source of DPM emissions. The ARB

EMFAC2021 mobile source emission model provides emission rates for user-defined heavy-duty truck speeds, fuel type, vehicle class, and model year.

The emissions of DPM from mobile sources are calculated as follows for running exhaust emissions and idling emissions:

$$\text{Running Exhaust Emissions}_{RE} = \sum_{i=1}^n (VMT_i \times EF_i)$$
$$\text{Idling Emissions}_{ID} = \sum_{i=1}^n (IdNum_i \times T_i \times EF_i)$$

Where:

$Emissions_{RE}$  = running exhaust emissions summed over all vehicle classes

$Emissions_{ID}$  = idling emissions summed over all vehicle classes

$EF_i$  = running exhaust emission factor for each vehicle type at a specific vehicle speed (g/mi)

$EF_{idling}$  = idling emission factor for each vehicle class (g/idle-hour)

$VMT_i$  = total number of vehicle miles summed over all vehicle classes (miles per day)

$IdNum_i$  = number of idling vehicles by vehicle class

$T_i$  = idling hours summed over all vehicle classes (hours per day)

$n$  = number of vehicle classes

$i$  = vehicle class

## Mobile Source Activity Vehicle Trips

Mobile sources constitute the largest source of operational DPM emissions. The emissions from mobile sources are estimated based on the number of daily vehicle trips, vehicle trip distance, the types of vehicles, and emission factors that relate the emissions per vehicle mile traveled, and time idling. An industrial project's operational vehicle fleet mix typically consists of passenger, light-duty, medium-duty, and heavy-duty trucks (2, 3, and 4+axle trucks). The number of daily vehicle trips, and vehicle fleet mix for the Project and the Existing Land Use were derived from the trip generation study results prepared by EPD Solutions<sup>9</sup>. This HRA focused on assessing the impacts of heavy-duty diesel truck DPM emissions (2, 3, and 4+ axle trucks). This analysis assumed that all heavy-duty trucks were diesel-fueled to provide a conservative estimate of heavy-duty truck DPM emissions.

### Project

The Project is estimated to generate 457 daily vehicle trips. Table 3 summarizes the Project's daily trip generation and fleet vehicle mix. Table 4 presents the number of heavy-duty diesel trips for the Project operation based on the total number of vehicle trips (Table 3).

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<sup>9</sup> EPDS Trip Generation and Vehicle Miles Traveled (VMT) Screening Analysis, June 2023

**Table 3: Daily Trip Generation – Project**

Barton Road Development Project				
Land Use	Trip Rate			
Manufacturing: 53,623 TSF Warehouse: 117,877 TSF	4.75 Trips/TSF 1.71 Trips/TSF			
Fleet Mix	Percentage of Fleet	Manufacturing (trips/day)	Warehouse (trips/day)	Total (trips/day)
Passenger Cars (LDA,LDT1,LDT2, MDV) 2-axle trucks (LDTT1, LHDT2) 3-axle trucks (MHDT) 4+axle trucks (HHDT) Total	72.50 4.60 5.70 17.20 100.0	185 11 15 44 255	146 9 11 35 202	331 17 26 78 457
LDA = light duty automobile, LDT1 and LDT2 = light duty trucks, MDV = medium duty vehicle, LHDT1 and LHDT2 = light heavy-duty trucks, MHDT = medium heavy-duty truck, HHDT = heavy-heavy-duty truck TSF = thousand square feet Source: EPDS Trip Generation and Vehicle Miles Traveled (VMT) Screening Analysis, June 2023				

**Table 4: Number of Daily Diesel Truck Vehicle Trips - Project**

Type of Vehicle	Daily Diesel Vehicle Trips (trips/day)		
	Manufacturing	Warehouse	Total
Light-heavy duty truck (LHDT1)	9	7	16
Light-heavy duty truck (LHDT2)	2	2	4
Medium-heavy duty truck (MHDT)	15	11	26
Heavy-heavy duty truck (HHDT)	44	35	78
Total	70	55	125
Source: see Data Attachment			

The Project's operational heavy-duty diesel truck emissions were estimated for vehicle travel while on the Project site and offsite as the Project's vehicles travel on the local roadway network. All heavy-duty diesel trucks were assumed to travel 5 miles per hour within the Project site and idle for 15 minutes per day at the loading docks, following the recommendations from the SCAQMD<sup>10</sup>. Offsite vehicle trips were defined for travel between the Project site, along Barton Road to Interstate 215. All heavy-duty trucks were assumed to travel 25 miles per hour for offsite travel. Figure 4 provides the locations of the truck trips serving the Project. The Project was assumed to operate 24 hours per day.

<sup>10</sup> See for Example. SCAQMD 2011. Website: <http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2011/july/palm-industrial-distribution-center.pdf?sfvrsn=4>

### **Existing Land Use**

The Existing Land Use is estimated to generate 127 daily vehicle trips, of which 35 or 28 percent are heavy-duty truck trips (2-axle, 3-axle, and 4+axle trucks trips)<sup>11</sup>. Table 5 summarizes the Existing Land Use daily trip generation and fleet vehicle mix. Table 6 presents the number of heavy-duty diesel trips for the Existing Land Use.

**Table 5: Daily Trip Generation – Existing Land Use**

<b>Barton Road Development Project – Existing Land Use</b>		
<b>Land Use</b>	<b>Trip Rate</b>	
<b>Fleet Mix</b>	<b>Percentage of Fleet</b>	<b>Existing Land Use (trips/day)</b>
Specialty Trade Contractor: 12.950 TSF	9.82 Trips/TSF	
Passenger Cars (LDA,LDT1,LDT2, MDV)	72.50	92
2-axle trucks (LDTT1, LHDT2)	4.60	6
3-axle trucks (MHDT)	5.70	7
4+axle trucks (HHDT)	17.20	22
Total	100.0	127

LDA = light duty automobile, LDT1 and LDT2 = light duty trucks, MDV = medium duty vehicle,  
LHDT1 and LHDT2 = light heavy-duty trucks, MHDT = medium heavy-duty truck,  
HHDT = heavy-heavy-duty truck  
TSF = thousand square feet  
Source: EPDS Trip Generation and Vehicle Miles Traveled (VMT) Screening Analysis, June 2023

**Table 6: Number of Daily Diesel Truck Vehicle Trips – Existing Land Use**

<b>Type of Vehicle</b>	<b>Daily Diesel Trips (trips/day)</b>
	<b>Existing Land Use</b>
Light-heavy duty truck (LHDT1)	5
Light-heavy duty truck (LHDT2)	1
Medium-heavy duty truck (MHDT)	7
Heavy-heavy duty truck (HHDT)	22
Total	35

Source: see Data Attachment

As with the Project, the analysis assumed the onsite vehicle speeds of 5 miles per hour and the offsite vehicle speeds of 25 miles per hour. All trucks were assumed to idle for 15 minutes and to operate 24

<sup>11</sup> EPDS 2022. EPDS Trip Generation and Vehicle Miles Traveled (VMT) Screening Analysis, Junw 2023

hours per day. The analysis assumed that the offsite truck travel was from the entrance on Barton Road to Interstate 215.

### DPM Truck Emission Factors

The DPM emission factors (as PM<sub>10</sub> exhaust) were derived from the ARB EMFAC2021 mobile source emission model in terms of grams per mile (grams/VMT) for the running exhaust emissions and grams per idle-hour (g/idle-hr) for idling emissions. The DPM running exhaust and idling emission factors were obtained from the EMFAC2021 emission model for each county within the SCAQMD for the Project's opening year 2025. The highest emission factors over all counties, vehicle class, and speed were selected to describe the required emission factors used to quantify the DPM emissions. These 2025 emission factors were assumed to remain constant for the entire duration of the cancer risk exposure (30 years). Using 2025 emission factors would overstate potential impacts since this approach assumes that the emissions remain constant at their 2025 levels. However, heavy-duty truck emissions are expected<sup>12</sup> to decrease in future years due to the requirement to comply with existing and future emission regulations requiring vehicle fleet replacement with cleaner technologies. Table 7 presents the DPM (as PM<sub>10</sub> exhaust) emission factors that were applied in this HRA

**Table 7: DPM Diesel Truck Emission Factors**

Type of Vehicle	Idling Emission Factor (g/idle-hr)	Running Exhaust @ 5 mph (g/mi)	Running Exhaust @ 25 mph (g/mi)
Light-heavy duty truck (LHDT1)	0.803	0.105	0.044
Light-heavy duty truck (LHDT2)	0.813	0.092	0.043
Medium-heavy duty truck (MHDT)	0.087	0.042	0.011
Heavy-heavy duty truck (HHDT)	0.016	0.015	0.007

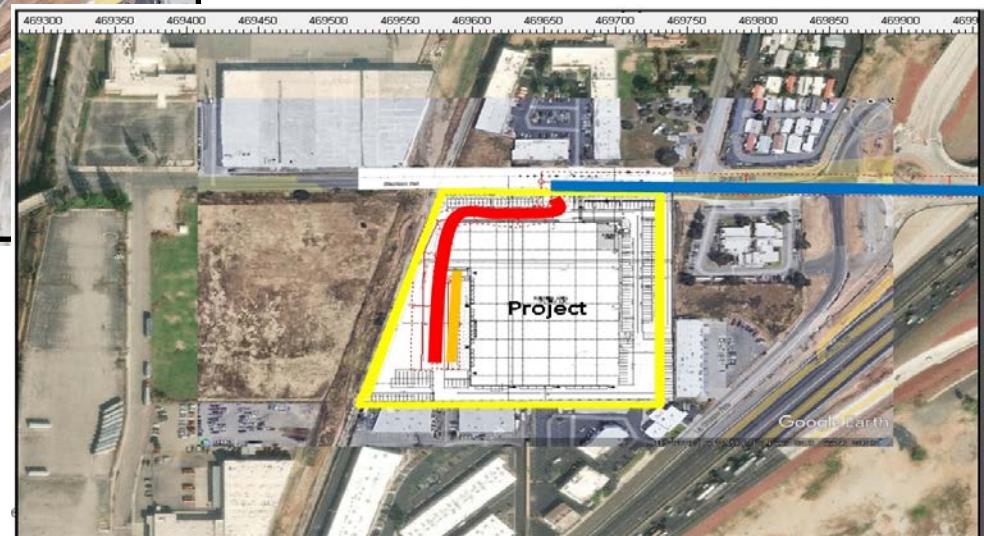
EMFAC2021 PM<sub>10</sub> Running Exhaust and Idle Emission factors are the maximum factors by vehicle class, vehicle speed, and county (Los Angeles, Orange, Riverside, and San Bernardino) for 2025  
Source: see Data Attachment

<sup>12</sup> California Air Resources Board 2021. Measures for Reducing Emissions from On-Road Heavy Duty Vehicles. Website: <http://www.aqmd.gov/docs/default-source/clean-air-plans/air-quality-management-plans/2022-air-quality-management-plan/heavy-duty-trucks-presentations-06-03-21.pdf>

## Truck Trip Distribution



Existing Land Use



### Legend

- Offsite Truck Route
- Onsite Truck Route
- Truck Idling Area

Project

Barton Road Development Project  
City of Grand Terrace

Figure 4

### 2.3.2 DPM Emissions

Table 8 presents the Project's and the Existing Land Use operational DPM emissions from the various onsite and offsite operational DPM emission sources.

**Table 8: DPM Emissions from Project and Existing Land Use Emission Sources  
(2025 Analysis Year)**

Emission Source	Total Emissions (grams/sec)		
Onsite Truck Idling	Project	Existing Land Use	Difference
Truck Idle at Loading Docks	5.77E-05	1.61E-05	4.16E-05
Onsite Truck Travel	Project	Existing Land Use	Difference
Truck Travel (Drwy to Loading Docks)	7.81E-06	1.35E-06	6.46E-06
Offsite Truck Travel	Project	Existing Land Use	Difference
Offsite Truck Routes	5.44E-06	1.53E-06	3.91E-06
Total Emissions	Project	Existing Land Use	Difference
All Sources	<b>7.10E-05</b>	<b>1.90E-05</b>	<b>5.20E-05</b>

Source: see Data Attachment

### 2.4 - Atmospheric Dispersion Methodology

Atmospheric dispersion modeling is the mathematical simulation of air pollutants dispersing in the ambient atmosphere. The modeling is performed with computer programs that solve the mathematical equations and algorithms that simulate the movement and dispersion of air pollutants. The air dispersion model uses emissions from various emission sources and meteorological data such as wind speed and direction, air temperature, and atmospheric mixing rates to estimate the air pollutant impacts at various geographic locations (referred to as receptor locations).

Table 9 provides the general assumptions applied in the AERMOD model (Version 22112). Table 10 summarizes the assumptions to configure the various operational emission sources analyzed in this HRA. The meteorological data were taken from the Riverside Airport monitoring station from 2012 to 2016 and are considered representative of the meteorological conditions at the Project site.

**Table 9: General Modeling Assumptions**

Feature	Assumption
Terrain processing	<ul style="list-style-type: none"> <li>Complex terrain; elevations were obtained for the Project site using the EPA AERMAP terrain data pre-processor Version 18081; Data set: 9033_75m.dem</li> </ul>
Land Use	<ul style="list-style-type: none"> <li>Urban based on land use patterns surrounding the Project site</li> </ul>
Meteorological Data	<ul style="list-style-type: none"> <li>Riverside Airport, CA for the years 2012 to 2016 from the SCAQMD as representative of meteorological conditions at the Project site</li> </ul>
Receptor locations and heights	<ul style="list-style-type: none"> <li>A grid network was used to include all existing residences and worker locations surrounding the Project site and along the offsite truck routes</li> <li>Additional receptors were located at nearby residences</li> <li>Receptors placed a ground-level</li> </ul>
Building	<ul style="list-style-type: none"> <li>A height of 45 feet was assumed as the building height</li> </ul>
Population	<ul style="list-style-type: none"> <li>San Bernardino County Population: 2,035,210</li> </ul>

**Table 10: Summary of Operational Emission Source Configurations**

Emission Source Type	Geometric Configuration	Relevant Assumptions
Onsite Diesel Vehicle Traffic	Line Area Source	<ul style="list-style-type: none"> <li>Line source: height – 3.11 meters (10.2 feet) and plume height 6.2 meters (20.4 feet) (EPA Haul Roads Calculator);</li> <li>Site Access from Barton Road</li> <li>Vehicle types: see Table 4 and Table 6</li> <li>Emission factor: ARB EMFAC 2021; DPM (as PM<sub>10</sub> exhaust) emission factors at 5 mph for 2024 for the SCAQMD; no credit for future emission factor reductions.</li> <li>Operations: 24/7</li> </ul>
Onsite Diesel Truck Idling	Point Sources distributed along the loading docks <sup>13</sup>	<ul style="list-style-type: none"> <li>Stack release height = 12 feet as a stationary source</li> <li>Idle time: 15 minutes per truck per day</li> <li>Vehicle type: heavy-duty diesel haul trucks</li> <li>Emission factor: ARB EMFAC 2021 for all counties in the SCAQMD</li> <li>Operations: 24/7</li> </ul>
Offsite Vehicle Traffic	Line Area Sources	<ul style="list-style-type: none"> <li>Stack release height: 3.11 meters (10.2 feet) with a plume height of 6.2 meters (20.4 feet) (EPA Haul Roads Calculator)</li> <li>Emission factor: ARB EMFAC 2021; DPM (as PM<sub>10</sub> exhaust) emission factors at 25 mph for heavy-duty diesel trucks in 2025 for the SCAQMD; no credit for future emission factors</li> <li>Vehicle type: see Table 4 and Table 6.</li> <li>Travel along Barton Road to Interstate 215</li> <li>Operations: 24/7</li> </ul>
Source: see Data Attachment		

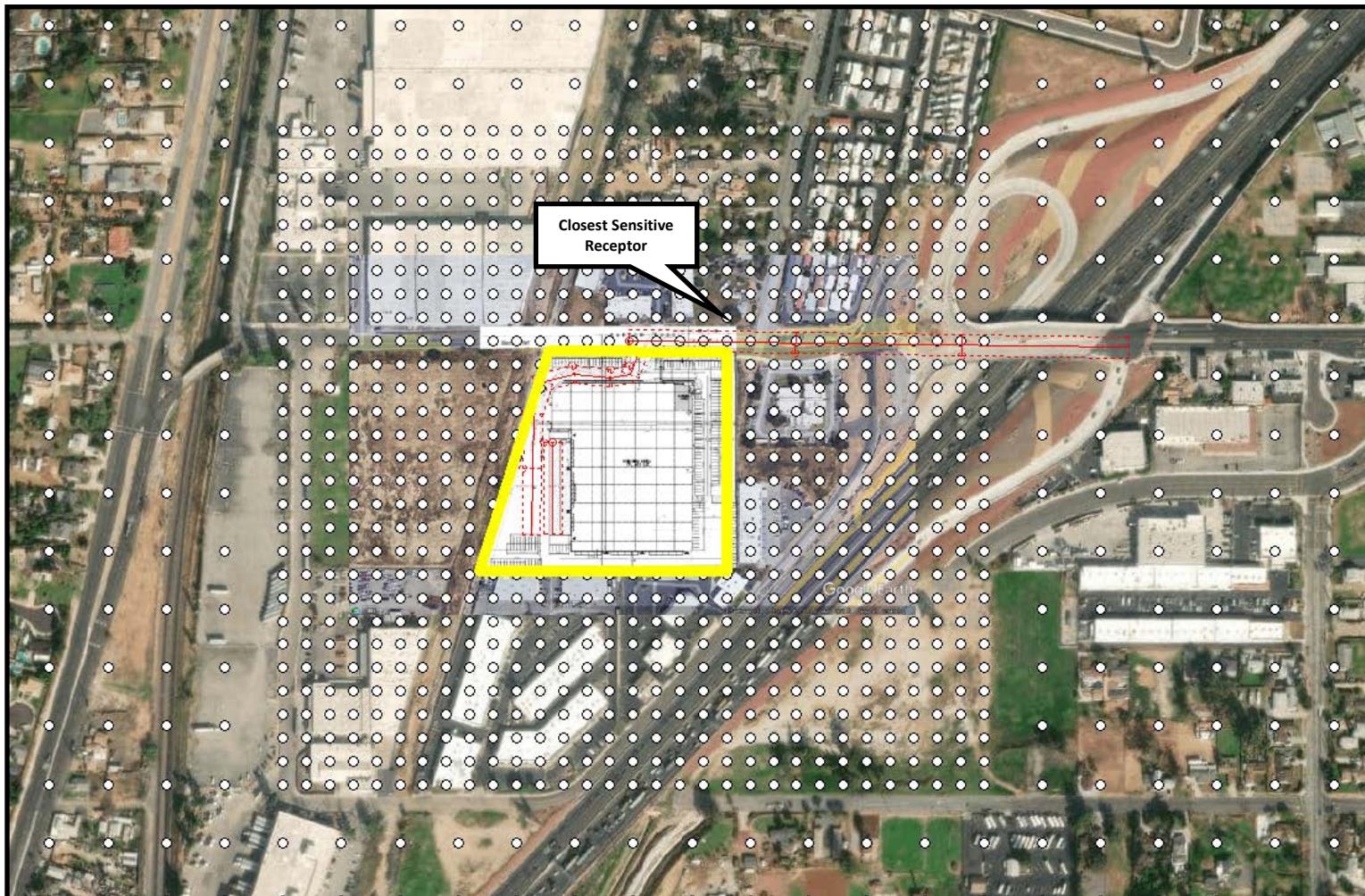
<sup>13</sup> Truck idling sources were represented within the AERMOD air dispersion model as point sources to capture the effects on air quality due to potential aerodynamic building-caused turbulence on the dispersion of emissions from the idling emission sources.

## Barton Road Industrial Project Health Risk Assessment

July 5, 2023

The SCAQMD defines a sensitive receptor any residence, including private homes, condominiums, apartments, and living quarters, schools, preschools, daycare centers, and health facilities such as hospitals or retirement and nursing homes. A sensitive receptor includes long-term care hospitals, hospices, prisons, and dormitories, or similar live-in housing. The sensitive receptors were placed within the air dispersion model at existing residences and along the offsite vehicle travel routes. In addition, a regular grid network of receptors was placed over the Project site to complete the receptor network. The nearest sensitive receptor was located at an existing residence approximately 35 meters from the northeast corner of the Project site across Barton Road, while the nearest worker receptors were located at the industrial buildings to the north and east of the Project site. Figure 5 shows the receptor locations included in the HRA.

## Air Dispersion Model Receptor Locations



○ Receptor Locations

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**Barton Road Development Project  
City of Grand Terrace**

**Figure 5**

## SECTION 3: RESULTS OF THE HEALTH RISK ASSESSMENT

This section analyzes the potential health risk impacts from the operation of the Project and the Existing Land Use and compares the net differences relative to the applicable SCAQMD health risk significance thresholds.

### 3.1 - Facility-Level Health Impacts

Table 11 summarizes the cancer risks and chronic non-cancer hazards at the maximum impacted receptors resulting from the Project's and the Existing Land Use's operational DPM emissions. As noted in Table 11, the net difference between the Project's 30-year cancer risk exposure and the Existing Land Use is 0.5 in one million. As a result, the net difference is less than the SCAQMD's cancer risk significance threshold. In addition, the Project's incremental maximum cancer risk of 1.1 in one million for the 30-year exposure duration is also less than the SCAQMD's cancer risk significance threshold.

**Table 11: Summary of Health Risk Impact Assessment**

Receptor <sup>(1)</sup>	Maximum Cancer Risk <sup>(2)</sup> (per million)		Net Difference (Project – Existing Land Use) (per million)	SCAQMD Significance Threshold (per million)	Net Difference Exceeds Threshold?	Project Exceeds Threshold?
	Project	Existing Land Use				
Maximum Impact- 30-year lifetime	1.1	0.5	0.5	10	No	No
Maximum Impact – 9-year child	0.8	0.4	0.4	10	No	No
Maximum Impact – 70-year lifetime	1.3	0.6	0.7	10	No	No
Maximum Impact - Worker	0.2	0.1	0.1	10	No	No
Receptor <sup>(1)</sup>	Maximum Chronic Non-Cancer Hazard Index		Net Difference (Project – Existing Land Use)	SCAQMD Significance Threshold	Exceeds Threshold?	Project Exceeds Threshold?
	Project	Existing Land Use				
Maximum Impact- Sensitive Receptors	<0.1	<0.1	<0.1	1.0	No	No
Maximum Impact – Worker Receptor	<0.1	<0.1	<0.1			

Notes:

<sup>(1)</sup>The maximum impacted sensitive receptor is located approximately 35 meters north of the Project across Barton Road  
The maximum worker receptor was located within the industrial area along the east boundary of the Project  
<sup>(2)</sup>The indicated risks and hazards and the net differences are shown at the location of maximum impact from the Project  
Source: see Data Attachment

### 3.2 - Cumulative Impacts

The SCAQMD has analyzed the cumulative effects of toxic air contaminants (TACs) within the South Coast Air Basin as part of its *Multiple Air Toxics Exposure Study in the South Coast Air Basin (MATES-V)*<sup>14</sup>. The MATES studies express cumulative TAC impacts in terms of potential increased cancer risks. The MATES-V Study estimate of the cumulative TAC-source cancer risk for the localized area encompassing the Project

<sup>14</sup> SCAQMD 2021. *Multiple Air Toxics Exposure Study in the South Coast Air Basin (MATES-V)*. Website: <http://www.aqmd.gov/home/air-quality/air-quality-studies/health-studies/mates-v>

site 482 in one million. DPM accounts for approximately 69 percent of the total cumulative cancer risk in the Project area. The cumulative cancer risk level of 482 in a million is comprised of the impacts from existing TAC emission sources in the region without the impacts from the Project. Because the existing cancer risk levels already exceed the 10 in one million cumulative significance threshold, a cumulatively significant impact already exists at the Project site.

Project-level DPM emissions would result in a net increase in cancer risks compared to the Existing Land Use. The Project incrementally would result in a net increase in cancer risk of 0.5 in one million at the maximum-impacted sensitive receptor for the 30-year exposure duration. Both the net difference in risks and the Project's incremental increase (1.1 in one million) are less than the SCAQMD project-level and cumulative significance threshold of 10 in one million. Therefore, the Project's health risk impacts are neither individually significant nor cumulatively considerable.

## Data Attachment

	Page
DPM Operational Emissions - Project	A-1
AERMOD Model DPM Output - Project	A-10
DPM Operational Emissions – Existing Land Use	A-63
AERMOD Model DPM Output - Existing Land Use	A-70
HARP2 Cancer Risks	A-121

**Barton Road Development Project - Proposed Project  
Emission Assumptions**

**2025**  
**DPM Emissions**

**1) Vehicle Emissions**

(a) Truck and Auto Traffic	EMFAC2021
(b) Location	San Bernardino County - SCAQMD
(c) Truck Mix	Project Trip Generation Memo Assumes that 100% of all heavy-duty trucks are diesel-fueled
(d) Vehicle Travel Speed	Onsite Travel 5 mph Offsite Travel 25 mph
(e) Truck Idle time:	15 minutes (truck idling) for LHDT, MHDT, and HHDT diesel trucks)
(f) Emission factors for	DPM emissions
(g) Emissions calculated for	2025

**2) Refrigerated Land Uses**

Percentage of Buildings used for Refrigeration (applies to DSL LHDT, MHDT and HHDT)  
Building 1 0%

TRU Onsite Operating Time 0 hours

**3) Traffic Allocation**

1) Onsite travel emissions generated from vehicles traveling to building loading docks		
2) Onsite idling emissions generated only for heavy duty diesel trucks		
3) Offsite travel trips allocated in accordance with the Traffic Impact Memorandum		
4) Trip Allocation	Building Size	%Total
Land Use 1- Manufacturing	53,623	31%
Land Use 2 - Warehouse	117,877	69%
Total	171,500	100%

**4) Emission Source Configuration**

- 1) Vehicle traffic represented by a line source
- 2) Onsite idling represented as a point sources

**5) Vehicle Trip Lengths**

**Onsite Travel Links**

	Travel Distance (m)	Trip Distance (mi)
North driveway to Loading Docks	245	0.152

**Off site Travel Links**

	Travel Distance (m)	Travel Distance (mi)	% of Truck Travel
Offsite1: Project>Barton Road>I215	424	0.263	100%

**6) Other Input Parameters**

Facility Operations for Warehouses (hr/day):	24
Annual Operations (days/year)	365

**Barton Road Development Project - Proposed Project**

**2025**

**Vehicle Trip Summary**

Building Size	
Total	(sq-ft)
Building	53,623
Land Use 1 - Manufacturing	
Total	53,623

**Trip Generation**

Trip Generation Rate - Manufacturing      4.75 trips/TSF as per Traffic Trip Generation Memorandum

Building	trips/day (Non-PCE)
Land Use 1 - Manufacturing	255
Total	255

**Vehicle Fleet Mix and Daily Trips from Trip Generation Memo - Manufacturing**

	Vehicle Distribution	Daily Trips
LDA (Passenger Vehicles)	72.50%	185
LHDT (2 axle truck)	4.60%	12
MHDT(3 axle truck)	5.70%	15
HHDT (4+ axle truck)	17.20%	44
	100.0%	255

**Passenger Vehicle Fleet Mix**

	EMFAC2021 Fleet Mix	Redistribution of % Total	Daily Trips
LDA	54.20%	59.1%	109
LDT1	6.10%	6.7%	12
LDT2	18.50%	20.2%	37
MDV	12.90%	14.1%	26
Total	91.70%	100.0%	185

**Light Heavy Duty Fleet Mix**

	EMFAC2021 Fleet Mix	Redistribution of % Total	Daily Trips	%DSL	DSL Trips
LHDT1	2.85%	79.8%	9	100%	9
LHDT2	0.72%	20.2%	2	100%	2
Total	3.57%	100.0%	12		12

CalEEMod Assumption: Passenger Vehicles + Local Trucks: LDA+LDT+MDV+LHDT  
w/CalEEMod default trip distances

Fleet Mix	Total Trips	%Total	Daily Trip Rate (Trips/TSF)
LDA	109	55.6%	
LDT1	12	6.3%	
LDT2	37	19.0%	
MDV	26	13.2%	
LHDT1	9	4.8%	
LHDT2	2	1.2%	
Total	196	100.0%	3.66

CalEEMod Assumption: Haul Trucks: MHDT +HHDT w/ trip distance of 40 miles

Fleet Mix	Total Trips	%Total	Daily Trip Rate (Trips/TSF)	%DPM	DSL Trips
MHDT	15	24.9%		100%	15
HHDT	44	75.1%		100%	44
Total	58	100.0%	1.09		58

Composite Fleet Mix	Number of Daily Trips	% Total
LDA	109	42.9%
LDT1	12	4.8%
LDT2	37	14.6%
MDV	26	10.2%
LHDT1	9	3.7%
LHDT2	2	0.9%
MHDT	15	5.7%
HHDT	44	17.2%
Total	255	100.0%
		4.75

**Haul Truck Daily Trip Summary (Total Project)**

Vehicle	Manufacturing	Warehouse	Total
MHDT	15	11	26
HHDT	44	35	78
Total	58	46	104

Total Size of Project (square feet)      53,623

Trip Rate      1.949      trips/TSF

**Combined Fleet Mix (AllVehicles)**

	Manufacturing	Warehouse	Total	% Total
LDA	109.1	86	196	42.9%
LDT1	12	10	22	4.8%
LDT2	37	29	67	14.6%
MDT	26	21	47	10.2%
LHDT1	9	7	17	3.7%
LHDT2	2	2	4	0.9%
MHDT	15	11	26	5.7%
HHDT	44	35	78	17.2%
	255	202	456	100.0%

**Combined Fleet Mix (Heavy-duty Diesel Trucks)**

	Manufacturing	Warehouse	Total
LHDT1	9	7	17
LHDT2	2	2	4
MHDT	15	11	26
HHDT	44	35	78
Total	70	55	125

**Barton Road Development Project - Proposed Project**  
Vehicle Trip Summary

2025

REV6

Building Size	
	Total (sq-ft)
Building	117,877
Land Use 2 - Warehouse	
Total	117,877

**Trip Generation**

Trip Generation Rate - Warehouse                    1.71 trips/TSF as per Traffic Trip Generation Memorandum

Building	trips/day (Non-PCE)
Land Use 2 - Warehouse	202
Total	202

**Vehicle Fleet Mix and Daily Trips from Trip Generation Memo - Warehouse**

	Vehicle Distribution	Daily Trips
LDA (Passenger Vehicles)	72.50%	146
LHDT (2 axle truck)	4.60%	9
MHDT(3 axle truck)	5.70%	11
HHDT (4+ axle truck)	17.20%	35
	100.0%	202

**Passenger Vehicle Fleet Mix**

	EMFAC2021	Redistribution of	
	Fleet Mix	% Total	Daily Trips
LDA	54.20%	59.1%	86
LDT1	6.10%	6.7%	10
LDT2	18.50%	20.2%	29
MDV	12.90%	14.1%	21
Total	91.70%	100.0%	146

**Light Heavy Duty Fleet Mix**

	EMFAC2021	Redistribution of		
	Fleet Mix	% Total	Daily Trips	%DSL
LHDT1	2.85%	79.8%	7	100%
LHDT2	0.72%	20.2%	2	100%
Total	3.57%	100.0%	9	

CalEEMod Assumption: Passenger Vehicles + Local Trucks: LDA+LDT+MDT+LHDT  
w/CalEEMod default trip distances

Fleet Mix	Total Trips	%Total	Daily Trip Rate (Trips/TSF)
LDA	86	55.6%	
LDT1	10	6.3%	
LDT2	29	19.0%	
MDV	21	13.2%	
LHDT1	7	4.8%	
LHDT2	2	1.2%	
Total	155	100.0%	1.318

CalEEMod Assumption: Haul Trucks: MHDT +HHDT w/ trip distance of 40 miles

Fleet Mix	Total Trips	%Total	Daily Trip Rate (Trips/TSF)	%DSL	DSL Trips
MHDT	11	24.9%		100.00%	11
HHDT	35	75.1%		100.0%	35
Total	46	100.0%	0.39		46

Composite Fleet Mix	Number of Daily Trips	% Total	
LDA	86	42.9%	
LDT1	10	4.8%	
LDT2	29	14.6%	
MDV	21	10.2%	
LHDT1	7	3.7%	
LHDT2	2	0.9%	
MHDT	11	5.7%	
HHDT	35	17.2%	
Total	202	100.0%	1.71

## Barton Road Development Project - Proposed Project

### Project Total Vehicle Mix

	<b>Manufacturing</b>	<b>Warehouse</b>	<b>Total</b>	<b>% Total</b>
LDA	109	86	196	42.9%
LDT1	12	10	22	4.8%
LDT2	37	29	67	14.6%
MDT	26	21	47	10.2%
LHDT1	9	7	17	3.7%
LHDT2	2	2	4	0.9%
MHDT	15	11	26	5.7%
HHDT	44	35	78	17.2%
	255	202	456	100.0%

## Barton Road Development Project - Proposed Project

Pollutant: DPM  
Year: 2025

### Emission Summary

Onsite Emissions		Emissions (g/sec)	Emissions (lbs/day)			
ONSITE	ONSITE1	7.81E-06	1.49E-03			
Idling Emissions		Emissions (g/sec)	Emissions (lbs/day)	Idle Point Sources:	12	
ONSITE	Idle	5.77E-05	1.10E-02	Idle Emissions'/Source	4.81E-06	g/sec
Offsite Emissions		Emissions (g/sec)	Emissions (lb/day)			
OFFSITE	OFFSITE1	5.44E-06	1.04E-03			
Total Emissions		Emissions (g/sec)	Emissions (lb/day)			
Total		7.10E-05	1.35E-02			

Barton Road Development Project - Proposed Project

Year: 2025

Emissions from Onsite Delivery

DPM Emissions

**Truck Operations**

AERMOD ID	On-Site Truck Delivery Emissions	(mi)	Operations	DSL Daily												DSL Daily		
				HHDT	MHDT	LHDT1	LHDT2	TRU	HHDT	MHDT	LHDT1	LHDT2	Trucks	TRU	Truck+TRU	Truck+TRU	Truck+TRU	
				Truck Trips	Trucks Trips	Trucks Trips	Trucks Trips	Trips	(g/day)	(g/day)	(g/day)	(g/day)	(g/day)	(g/day)	(lb/day)	(g/sec)	(g/sec)	
ONSITE1	Exhaust Emissions - Truck Travel to Land Use 1/2	0.152	24	78	26	17	4	0	1.82E-01	1.65E-01	2.69E-01	5.91E-02	6.74E-01	0.00E+00	6.74E-01	1.49E-03	7.81E-06	
Total					78	26	17	4	0	1.82E-01	1.65E-01	2.69E-01	5.91E-02	6.74E-01	0.00E+00	6.74E-01	1.49E-03	7.81E-06

Operation Days = 365

Delivery Truck Hours (hrs/day) = 24

Delivery Truck Speed (mph) = 5

Daily Truck Emissions = Emission Factor (g/mi) \* (Truck trips/day) \* (miles/Truck Trip)

Daily TRU Emissions = Emission Rate (g/hr) \* (TRU Trips/day /Speed (m/hr) \* (miles/TRU Trip)

**Diesel Truck Emission Factors (EMFAC2021)**

2-Axle (LHDT1) =	0.105
2-axle (LHDT2)	0.092
3-Axle MHDT (g/mi) =	0.042
4-Axle HHD (g/mi) =	0.015

Truck emissions for trucks based on EMFAC 2021 for truck speed of 5 mph

2025

Notes:

Emission factor derived from CARB EMFAC2021 model as the fleet average for

2025

Emission factors represent the maximum rates for LA, SB, RV, and OR Counties

Barton Road Development Project - Proposed Project      2025  
 Onsite Truck Delivery Idling Emissions  
 DPM Emissions

**Truck Onsite Idling Operations**

AERMOD ID	User/ Location	Average Daily Truck Deliveries					Idle Time per Truck (hour/day)	HHDTruck Emissions (g/day)	MHDTtruck Emissions (g/day)	LHDTruck1 Emissions (g/day)	LHDTruck2 Emissions (g/day)	Total Truck (g/day)	TRU OP Time (hours/day/TRU)	Total TRU Emissions (g/day)	Total Emissions (g/day)	Emissions Average (lb/day)	Emissions Average (g/sec)	
		HHDTrucks	MHDT Trucks	LHDTruck1 Trucks	LHDTruck2 Trucks	TRU Number												
<b>Truck Idling Sources</b>																		
IB1	Idling Sources - Land Use 1	39	13	8	2	0	0.250	9.87E-02	2.83E-01	1.68E+00	4.30E-01	2.49E+00	0.000	2.49E+00	4.99E+00	1.10E-02	5.77E-05	
	<b>Totals</b>	<b>39</b>	<b>13</b>	<b>8</b>	<b>2</b>	<b>0</b>		<b>9.87E-02</b>	<b>2.83E-01</b>	<b>1.68E+00</b>	<b>4.30E-01</b>	<b>2.49E+00</b>		<b>2.49E+00</b>	<b>4.99E+00</b>	<b>1.10E-02</b>	<b>5.77E-05</b>	

Daily Operation = 24 per day  
 Operation Days = 365 days/year

Daily Truck idle emissions = Idle EF (g/hr) \* idle time (min)/60 / daily hours (hr)/3600 \* No. trucks

**Diesel Diesel Truck Emission Factors<sup>b</sup>**

LHDT1 Truck Idle Emissions (g/hr)=	0.803	g/hr
LHDT2 Truck Idle Emissions (g/hr)=	0.813	g/hr
MHDT Truck Idle Emissions (g/hr)=	0.087	g/hr
HHD Truck Idle Emissions (g/hr)=	0.010	g.hr

Truck idle time (min) = 15 min

Notes:

TRU emission factor from OFFROAD2017

Idling emission factor derived from CARB EMFAC2021 model as the fleet average for Los Angeles County 2025

### Truck Operations

#### Off-Site Truck Delivery Emissions - Alternative 1

AERMOD ID	Trip Description	Trip		Number of	Number of	Number of	Number of	HHDT	MHDT	LHDT1	LHDT2	Total Emissions				
		Length (mi)	Operations (hr)	HHDT Trips (trips/day)	MHDT (trips/day)	LHDT1 (trips/day)	LHDT2 (trips/day)	TRU Trips (trips/day)	Emissions (grams/day)	Emissions (grams/day)	Emissions (grams/day)	Truck Emissions (g/day)	TRU Total (grams/day)	Daily Total (lbs/day)	Hourly Ave (grams/sec)	
OFFSITE1	Offsite1: Project>Barton Road>i215	0.263	24	78	26	17	4	0	1.53E-01	7.34E-02	1.96E-01	4.76E-02	4.70E-01	0.00E+00	1.04E-03	5.44E-06
Total																

Operation Days =

365

Daily Truck Emissions = Emission Factor (g/mi) \* (Truck trips/day) \* (miles/Truck Trip)

Delivery Truck Hours (hrs/day) =

24

Delivery Truck Speed (mph) =

25

Daily TRU Emissions = Emission Rate (g/hr) \* (TRU Trips/day /Speed (m/hr) \* (miles/TRU Trip)

#### Diesel Truck Emission Factors (EMFAC2017)

2-axle LHDT1 (g/mi)=	0.044
2-axle LHDT2 (g/mi)=	0.043
3-Axle MHDT (g/mi) =	0.011
4-Axle HHD (g/mi) =	0.007

Truck emissions for trucks based on EMFAC 2021 for truck speed of 25 mph

for 2025

Emission factors represent the maximum rates for LA, SB,RV, and OR Counties

Source: EMFAC2021 (v1.0.2) Emission Rates

Region Type: County

Region: Los Angeles, Riverside, San Bernardino, Orange

Calendar Year: 2025

Season: Annual

Vehicle Classification: EMFAC2007 Categories

Units: miles/day for CVMT and EVMT, g/mile for RUNEX, PMBW and PMTW, mph for Speed, kWh/mile for Energy Consumption, gallon/mile for Fuel Consumption. PHEV calculated based on total VMT.

Region	Calendar Y	Vehicle Category	Model Yea	Speed	Fuel	Total VMT	CVMT	EVMT	PM10_RUNEX	Max PM10_RUNEX
Riverside	2025	LHDT1	Aggregate	5 Diesel	34.0549	34.0549	0	0.099629	0.105331	
Orange	2025	LHDT1	Aggregate	5 Diesel	43.7113	43.7113	0	0.068945		
Los Angeles	2025	LHDT1	Aggregate	5 Diesel	433.461	433.461	0	0.064568		
San Bernardino	2025	LHDT1	Aggregate	5 Diesel	9.897321	9.897321	0	0.105331		
Los Angeles	2025	LHDT2	Aggregate	5 Diesel	193.065	193.065	0	0.064336	0.091695	
San Bernardino	2025	LHDT2	Aggregate	5 Diesel	4.366826	4.366826	0	0.091695		
Riverside	2025	LHDT2	Aggregate	5 Diesel	15.50237	15.50237	0	0.090338		
Orange	2025	LHDT2	Aggregate	5 Diesel	18.73724	18.73724	0	0.063919		
Orange	2025	T6-MHDT	Aggregate	5 Diesel	701.0615	701.0615	0	0.027542	0.041635	
Los Angeles	2025	T6-MHDT	Aggregate	5 Diesel	1548.815	1548.815	0	0.041635		
San Bernardino	2025	T6-MHDT	Aggregate	5 Diesel	64.53948	64.53948	0	0.028507		
Riverside	2025	T6-MHDT	Aggregate	5 Diesel	298.8672	298.8672	0	0.035479		
San Bernardino	2025	T7-HHDT	Aggregate	5 Diesel	20.97318	20.97318	0	0.011929	0.015233	
Riverside	2025	T7-HHDT	Aggregate	5 Diesel	80.58759	80.58759	0	0.012805		
Orange	2025	T7-HHDT	Aggregate	5 Diesel	42.79244	42.79244	0	0.015233		
Los Angeles	2025	T7-HHDT	Aggregate	5 Diesel	501.6394	501.6394	0	0.014952		
San Bernardino	2025	LHDT1	Aggregate	25 Diesel	14088.86	14088.86	0	0.043876	0.044459	
Riverside	2025	LHDT1	Aggregate	25 Diesel	16549.12	16549.12	0	0.044459		
Orange	2025	LHDT1	Aggregate	25 Diesel	35408.09	35408.09	0	0.032749		
Los Angeles	2025	LHDT1	Aggregate	25 Diesel	128189.9	128189.9	0	0.030248		
Orange	2025	LHDT2	Aggregate	25 Diesel	15177.99	15177.99	0	0.031159	0.04271	
Los Angeles	2025	LHDT2	Aggregate	25 Diesel	57081.76	57081.76	0	0.030739		
San Bernardino	2025	LHDT2	Aggregate	25 Diesel	6117.36	6117.36	0	0.041238		
Riverside	2025	LHDT2	Aggregate	25 Diesel	7518.083	7518.083	0	0.04271		
Riverside	2025	T6-MHDT	Aggregate	25 Diesel	20210.51	20210.51	0	0.009227	0.010719	
Orange	2025	T6-MHDT	Aggregate	25 Diesel	59935.7	59935.7	0	0.007385		
Los Angeles	2025	T6-MHDT	Aggregate	25 Diesel	191706	191706	0	0.010719		
San Bernardino	2025	T6-MHDT	Aggregate	25 Diesel	25646.66	25646.66	0	0.007592		
Los Angeles	2025	T7-HHDT	Aggregate	25 Diesel	190649.5	190649.5	0	0.007302	0.007388	
San Bernardino	2025	T7-HHDT	Aggregate	25 Diesel	26191.82	26191.82	0	0.00655		
Riverside	2025	T7-HHDT	Aggregate	25 Diesel	29769.48	29769.48	0	0.006349		
Orange	2025	T7-HHDT	Aggregate	25 Diesel	24371.08	24371.08	0	0.007388		

#### Idling Emission Factors (\*)

#### Idle Emission Rate grams/hr

2025 Annual	Los Angeles (SC)	LHDT1	IDLEX	PM10	0.803
2025 Annual	Los Angeles (SC)	LHDT2	IDLEX	PM10	0.813
2025 Annual	Riverside (SC)	T6-MHDT	IDLEX	PM10	0.087
2025 Annual	Orange (SC)	T7-HHDT	IDLEX	PM10	0.016

(\*) Idling rate selected as the highest idling rate for the SCAQMD counties (LA, OR, RV,SB) for each vehicle class

Project \_REV6\_B.ADO

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Project DPM Emission Impacts \*\*\* 07/03/23  
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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* MODEL SETUP OPTIONS SUMMARY \*\*\*

\*\* Model Options Selected:

- \* Model Allows User-Specified Options
- \* Model Is Setup For Calculation of Average CONCetration Values.
- \* NO GAS DEPOSITION Data Provided.
- \* NO PARTICLE DEPOSITION Data Provided.
- \* Model Uses NO DRY DEPLETION. DDPLTE = F
- \* Model Uses NO WET DEPLETION. WETDPLT = F
- \* Stack-tip Downwash.
- \* Model Accounts for ELEVated Terrain Effects.
- \* Use Calms Processing Routine.
- \* Use Missing Data Processing Routine.
- \* No Exponential Decay.
- \* Model Uses URBAN Dispersion Algorithm for the SBL for 25 Source(s),  
for Total of 1 Urban Area(s):

Urban Population = 2035210.0 ; Urban Roughness Length = 1.000 m

- \* Urban Roughness Length of 1.0 Meter Used.
- \* ADJ\_U\* - Use ADJ\_U\* option for SBL in AERMET
- \* CCVR\_Sub - Meteorological data includes CCVR substitutions
- \* TEMP\_Sub - Meteorological data includes TEMP substitutions
- \* Model Assumes No FLAGPOLE Receptor Heights.

\* The User Specified a Pollutant Type of: DPM

\*\*Model Calculates 1 Short Term Average(s) of: 1-HR  
and Calculates PERIOD Averages

\*\*This Run Includes: 25 Source(s); 1 Source Group(s); and 1251 Receptor(s)

with: 12 POINT(s), including  
0 POINTCAP(s) and 0 POINTHOR(s)  
and: 0 VOLUME source(s)  
and: 13 AREA type source(s)  
and: 0 LINE source(s)  
and: 0 RLINE/RЛИNEXT source(s)  
and: 0 OPENPIT source(s)  
and: 0 BUOYANT LINE source(s) with a total of 0 line(s)  
and: 0 SWPOINT source(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 PERIOD 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) = 245.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0  
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## Project\_REV6\_B.ADO

Emission Units = GRAMS/SEC  
 Output Units = MICROGRAMS/M\*\*3

; Emission Rate Unit Factor = 0.10000E+07

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

\*\*Input Runstream File: aermod.inp

\*\*Output Print File: aermod.out

\*\*Detailed Error/Message File: Project\_REV6\_B.err

\*\*File for Summary of Results: Project\_REV6\_B.sum

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Project DPM Emission Impacts \*\*\* 07/03/23  
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\*\*\* MODELOPTs: 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									
-----									

IDLE1	0	0.48100E-05	469568.2	3765795.6	291.9	3.66	366.00	51.70	0.10	YES	YES	NO
IDLE2	0	0.48100E-05	469568.3	3765802.6	292.0	3.66	366.00	51.70	0.10	YES	YES	NO
IDLE3	0	0.48100E-05	469568.0	3765811.1	291.9	3.66	366.00	51.70	0.10	YES	YES	NO
IDLE4	0	0.48100E-05	469568.3	3765818.2	292.0	3.66	366.00	51.70	0.10	YES	YES	NO
IDLE5	0	0.48100E-05	469568.0	3765825.8	291.9	3.66	366.00	51.70	0.10	YES	YES	NO
IDLE6	0	0.48100E-05	469568.1	3765833.8	291.9	3.66	366.00	51.70	0.10	YES	YES	NO
IDLE7	0	0.48100E-05	469567.8	3765841.3	291.9	3.66	366.00	51.70	0.10	YES	YES	NO
IDLE8	0	0.48100E-05	469567.9	3765847.0	291.9	3.66	366.00	51.70	0.10	YES	YES	NO
IDLE9	0	0.48100E-05	469567.9	3765852.0	291.9	3.66	366.00	51.70	0.10	YES	YES	NO
IDLE10	0	0.48100E-05	469567.9	3765859.9	291.9	3.66	366.00	51.70	0.10	YES	YES	NO
IDLE11	0	0.48100E-05	469567.7	3765867.4	291.9	3.66	366.00	51.70	0.10	YES	YES	NO
IDLE12	0	0.48100E-05	469567.7	3765873.0	291.9	3.66	366.00	51.70	0.10	YES	YES	NO

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Project DPM Emission Impacts \*\*\* 07/03/23  
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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

## \*\*\* AREA SOURCE DATA \*\*\*

NUMBER EMISSION RATE COORD (SW CORNER)		BASE	RELEASE	X-DIM	Y-DIM	ORIENT.	INIT.			
URBAN EMISSION RATE	SOURCE PART. (GRAMS/SEC)	X	Y	ELEV.	HEIGHT	OF AREA	OF AREA	OF AREA	SZ	SOURCE
SCALAR VARY	ID CATS.	/METER**2)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(DEG.)	(METERS)
BY										
-----										

A0000018	0	0.23926E-08	469652.9	3765947.5	293.8	3.11	20.04	13.32	92.40	2.89	YES
A0000019	0	0.23926E-08	469658.8	3765933.8	293.6	3.11	24.58	13.32	-179.20	2.89	YES
A0000020	0	0.23926E-08	469634.5	3765934.2	293.1	3.11	32.75	13.32	-177.26	2.89	YES
A0000021	0	0.23926E-08	469601.0	3765935.7	292.7	3.11	30.06	13.32	176.24	2.89	YES
A0000022	0	0.23926E-08	469565.5	3765930.1	291.9	3.11	25.36	13.32	116.08	2.89	YES
A0000023	0	0.23926E-08	469553.6	3765904.4	291.5	3.11	55.37	13.32	90.01	2.89	YES
A0000024	0	0.23926E-08	469553.6	3765848.9	291.5	3.11	57.00	13.32	89.62	2.89	YES
A0000025	0	0.61003E-09	469655.0	3765947.9	293.8	3.11	123.97	21.00	5.40	2.89	YES
A0000026	0	0.61003E-09	469781.9	3765936.5	295.1	3.11	82.02	21.00	-13.71	2.89	YES

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A00000027	0	0.61003E-09	469853.0	3765957.6	297.4	3.11	39.46	21.00	35.65	2.89	YES	
A00000028	0	0.61003E-09	469892.8	3765932.7	298.4	3.11	49.53	21.00	-9.03	2.89	YES	
A00000029	0	0.61003E-09	469940.8	3765940.4	298.8	3.11	32.15	21.00	-4.04	2.89	YES	
A00000030	0	0.61003E-09	469972.3	3765942.6	298.5	3.11	97.52	21.00	-0.95	2.89	YES	
♀ *** AERMOD - VERSION 22112 ***	*** Project DPM Emission Impacts	***	***	***	***	***	***	***	***	***	***	07/03/23
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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ U\*

### \*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

## SRCGROUP ID

## SOURCE IDs

ALL A0000018 , A0000019 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , IDLE1 ,  
IDLE2 , IDLE3 , IDLE4 , IDLE5 , IDLE6 , IDLE7 , IDLE8 , IDLE9 ,  
IDLE10 , IDLE11 , IDLE12 , A0000025 , A0000026 , A0000027 , A0000028 , A0000029 ,  
A0000030 ,

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ U\*

### \*\*\* SOURCE IDs DEFINED AS URBAN SOURCES \*\*\*

### URBAN ID URBAN POP

## SOURCE IDs

2035210. A0000018 , A0000019 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 ,  
 IDLE1 ,  
 IDLE2 , IDLE3 , IDLE4 , IDLE5 , IDLE6 , IDLE7 , IDLE8 , IDLE9 ,  
 IDLE10 , IDLE11 , IDLE12 , A0000025 , A0000026 , A0000027 , A0000028 , A0000029 ,  
 A0000030 ,  
 ♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Project DPM Emission Impacts \*\*\* 07/03/23  
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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ U\*

#### \*\*\* DIRECTION SPECIFIC BUILDING DIMENSIONS \*\*\*

SOURCE ID: IDLE1

SOURCE	ID	DELT	IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
	1	13.7,	160.9,	159.4,	-12.5,	-60.5,			2	13.7,	176.2,	173.6,	-8.7,	-49.3,
	3	13.7,	186.1,	182.6,	-4.6,	-36.7,			4	13.7,	190.3,	186.1,	-0.4,	-22.9,
	5	13.7,	188.7,	183.9,	3.8,	-8.4,			6	13.7,	182.6,	176.1,	7.9,	6.9,
	7	13.7,	173.7,	162.9,	11.8,	23.3,			8	13.7,	159.5,	146.7,	13.4,	39.1,
	9	13.7,	140.9,	141.5,	-0.8,	53.9,			10	13.7,	159.4,	160.9,	-20.0,	67.2,
	11	13.7,	173.6,	176.2,	-38.8,	78.1,			12	13.7,	182.6,	186.1,	-56.4,	86.7,
	13	13.7,	186.1,	190.3,	-72.2,	92.6,			14	13.7,	183.9,	188.7,	-85.9,	95.7,
	15	0.0,	0.0,	0.0,	0.0,	0.0,			16	0.0,	0.0,	0.0,	0.0,	0.0,
	17	0.0,	0.0,	0.0,	0.0,	0.0,			18	13.7,	141.5,	140.9,	-124.3,	69.9,
	19	13.7,	160.9,	159.4,	-146.8,	60.5,			20	13.7,	176.2,	173.6,	-164.9,	49.3,

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21	13.7,	186.1,	182.6,	-178.0,	36.7,	22	13.7,	190.3,	186.1,	-185.6,	22.9,
23	13.7,	188.7,	183.9,	-187.7,	8.4,	24	13.7,	182.6,	176.1,	-184.0,	-6.9,
25	13.7,	173.7,	162.9,	-174.7,	-23.3,	26	13.7,	159.5,	146.7,	-160.1,	-39.1,
27	13.7,	140.9,	141.5,	-140.7,	-53.9,	28	13.7,	159.4,	160.9,	-140.9,	-67.2,
29	13.7,	173.6,	176.2,	-137.4,	-78.1,	30	13.7,	182.6,	186.1,	-129.7,	-86.7,
31	13.7,	186.1,	190.3,	-118.0,	-92.6,	32	13.7,	183.9,	188.7,	-102.8,	-95.7,
33	0.0,	0.0,	0.0,	0.0,	0.0,	34	0.0,	0.0,	0.0,	0.0,	0.0,
35	0.0,	0.0,	0.0,	0.0,	0.0,	36	13.7,	141.5,	140.9,	-16.6,	-69.9,

#### SOURCE ID: IDLE2

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	13.7,	160.9,	159.4,	-19.5,	-61.6,	2	13.7,	176.2,	173.6,	-15.3,	-51.7,
3	13.7,	186.1,	182.6,	-10.8,	-40.1,	4	13.7,	190.3,	186.1,	-5.8,	-27.4,
5	13.7,	188.7,	183.9,	-0.8,	-13.8,	6	13.7,	182.6,	176.1,	4.3,	0.8,
7	13.7,	173.7,	162.9,	9.3,	16.7,	8	13.7,	159.5,	146.7,	12.2,	32.2,
9	13.7,	140.9,	141.5,	-0.9,	46.8,	10	13.7,	159.4,	160.9,	-18.8,	60.2,
11	13.7,	173.6,	176.2,	-36.4,	71.5,	12	13.7,	182.6,	186.1,	-52.9,	80.5,
13	13.7,	186.1,	190.3,	-67.8,	87.2,	14	13.7,	183.9,	188.7,	-80.6,	91.2,
15	13.7,	176.1,	182.6,	-92.1,	92.4,	16	0.0,	0.0,	0.0,	0.0,	0.0,
17	0.0,	0.0,	0.0,	0.0,	0.0,	18	13.7,	141.5,	140.9,	-117.3,	69.9,
19	13.7,	160.9,	159.4,	-139.9,	61.6,	20	13.7,	176.2,	173.6,	-158.3,	51.7,
21	13.7,	186.1,	182.6,	-171.9,	40.1,	22	13.7,	190.3,	186.1,	-180.2,	27.4,
23	13.7,	188.7,	183.9,	-183.1,	13.8,	24	13.7,	182.6,	176.1,	-180.4,	-0.8,
25	13.7,	173.7,	162.9,	-172.2,	-16.7,	26	13.7,	159.5,	146.7,	-158.9,	-32.2,
27	13.7,	140.9,	141.5,	-140.6,	-46.8,	28	13.7,	159.4,	160.9,	-142.1,	-60.2,
29	13.7,	173.6,	176.2,	-139.8,	-71.5,	30	13.7,	182.6,	186.1,	-133.2,	-80.5,
31	13.7,	186.1,	190.3,	-122.5,	-87.2,	32	13.7,	183.9,	188.7,	-108.2,	-91.2,
33	13.7,	176.1,	182.6,	-90.5,	-92.4,	34	0.0,	0.0,	0.0,	0.0,	0.0,
35	0.0,	0.0,	0.0,	0.0,	0.0,	36	13.7,	141.5,	140.9,	-23.6,	-69.9,

#### SOURCE ID: IDLE3

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	13.7,	160.9,	159.4,	-27.8,	-63.3,	2	13.7,	176.2,	173.6,	-23.2,	-54.8,
3	13.7,	186.1,	182.6,	-18.0,	-44.6,	4	13.7,	190.3,	186.1,	-12.2,	-33.0,
5	13.7,	188.7,	183.9,	-6.0,	-20.4,	6	13.7,	182.6,	176.1,	0.3,	-6.7,
7	13.7,	173.7,	162.9,	6.6,	8.7,	8	13.7,	159.5,	146.7,	10.9,	23.8,
9	13.7,	140.9,	141.5,	-0.7,	38.3,	10	13.7,	159.4,	160.9,	-17.1,	51.9,
11	13.7,	173.6,	176.2,	-33.3,	63.6,	12	13.7,	182.6,	186.1,	-48.4,	73.3,
13	13.7,	186.1,	190.3,	-62.1,	80.8,	14	13.7,	183.9,	188.7,	-73.9,	85.9,
15	13.7,	176.1,	182.6,	-84.6,	88.3,	16	13.7,	162.9,	173.7,	-95.5,	88.1,
17	0.0,	0.0,	0.0,	0.0,	0.0,	18	13.7,	141.5,	140.9,	-108.8,	70.1,
19	13.7,	160.9,	159.4,	-131.6,	63.3,	20	13.7,	176.2,	173.6,	-150.4,	54.8,
21	13.7,	186.1,	182.6,	-164.6,	44.6,	22	13.7,	190.3,	186.1,	-173.9,	33.0,
23	13.7,	188.7,	183.9,	-177.8,	20.4,	24	13.7,	182.6,	176.1,	-176.4,	6.7,
25	13.7,	173.7,	162.9,	-169.6,	-8.7,	26	13.7,	159.5,	146.7,	-157.6,	-23.8,
27	13.7,	140.9,	141.5,	-140.9,	-38.3,	28	13.7,	159.4,	160.9,	-143.8,	-51.9,
29	13.7,	173.6,	176.2,	-142.9,	-63.6,	30	13.7,	182.6,	186.1,	-137.6,	-73.3,
31	13.7,	186.1,	190.3,	-128.2,	-80.8,	32	13.7,	183.9,	188.7,	-114.8,	-85.9,
33	13.7,	176.1,	182.6,	-98.0,	-88.3,	34	13.7,	162.9,	173.7,	-78.2,	-88.1,
35	0.0,	0.0,	0.0,	0.0,	0.0,	36	13.7,	141.5,	140.9,	-32.1,	-70.1,

#### SOURCE ID: IDLE4

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	13.7,	160.9,	159.4,	-34.8,	-64.3,	2	13.7,	176.2,	173.6,	-30.0,	-57.0,
3	13.7,	186.1,	182.6,	-24.2,	-47.9,	4	13.7,	190.3,	186.1,	-17.8,	-37.4,
5	13.7,	188.7,	183.9,	-10.8,	-25.7,	6	13.7,	182.6,	176.1,	-3.4,	-12.7,
7	13.7,	173.7,	162.9,	4.0,	2.1,	8	13.7,	159.5,	146.7,	9.5,	16.8,
9	13.7,	140.9,	141.5,	-0.9,	31.2,	10	13.7,	159.4,	160.9,	-16.1,	44.9,
11	13.7,	173.6,	176.2,	-31.1,	56.8,	12	13.7,	182.6,	186.1,	-45.1,	67.1,
13	13.7,	186.1,	190.3,	-57.7,	75.2,	14	13.7,	183.9,	188.7,	-68.6,	81.2,

Project \_REV6\_B.ADO

15	13.7, 176.1, 182.6, -78.6, 84.6,	16	13.7, 162.9, 173.7, -89.0, 85.5,
17	0.0, 0.0, 0.0, 0.0, 0.0,	18	13.7, 141.5, 140.9, -101.7, 69.9,
19	13.7, 160.9, 159.4, -124.6, 64.3,	20	13.7, 176.2, 173.6, -143.7, 57.0,
21	13.7, 186.1, 182.6, -158.4, 47.9,	22	13.7, 190.3, 186.1, -168.3, 37.4,
23	13.7, 188.7, 183.9, -173.1, 25.7,	24	13.7, 182.6, 176.1, -172.6, 12.7,
25	13.7, 173.7, 162.9, -166.9, -2.1,	26	13.7, 159.5, 146.7, -156.2, -16.8,
27	13.7, 140.9, 141.5, -140.6, -31.2,	28	13.7, 159.4, 160.9, -144.8, -44.9,
29	13.7, 173.6, 176.2, -145.1, -56.8,	30	13.7, 182.6, 186.1, -141.0, -67.1,
31	13.7, 186.1, 190.3, -132.5, -75.2,	32	13.7, 183.9, 188.7, -120.1, -81.2,
33	13.7, 176.1, 182.6, -104.0, -84.6,	34	13.7, 162.9, 173.7, -84.8, -85.5,
35	0.0, 0.0, 0.0, 0.0, 0.0,	36	13.7, 141.5, 140.9, -39.2, -69.9,

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* DIRECTION SPECIFIC BUILDING DIMENSIONS \*\*\*

SOURCE ID: IDLE5

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	13.7, 160.9, 159.4, -42.2, -65.9,	2	13.7, 176.2, 173.6, -37.0, -59.8,								
3	13.7, 186.1, 182.6, -30.7, -51.9,	4	13.7, 190.3, 186.1, -23.4, -42.4,								
5	13.7, 188.7, 183.9, -15.4, -31.7,	6	13.7, 182.6, 176.1, -7.0, -19.4,								
7	13.7, 173.7, 162.9, 1.7, -5.1,	8	13.7, 159.5, 146.7, 8.4, 9.3,								
9	13.7, 140.9, 141.5, -0.6, 23.7,	10	13.7, 159.4, 160.9, -14.6, 37.5,								
11	13.7, 173.6, 176.2, -28.3, 49.8,	12	13.7, 182.6, 186.1, -41.1, 60.6,								
13	13.7, 186.1, 190.3, -52.7, 69.6,	14	13.7, 183.9, 188.7, -62.7, 76.5,								
15	13.7, 176.1, 182.6, -71.9, 81.0,	16	13.7, 162.9, 173.7, -81.8, 83.1,								
17	0.0, 0.0, 0.0, 0.0, 0.0,	18	13.7, 141.5, 140.9, -94.1, 70.1,								
19	13.7, 160.9, 159.4, -117.1, 65.9,	20	13.7, 176.2, 173.6, -136.6, 59.8,								
21	13.7, 186.1, 182.6, -152.0, 51.9,	22	13.7, 190.3, 186.1, -162.7, 42.4,								
23	13.7, 188.7, 183.9, -168.4, 31.7,	24	13.7, 182.6, 176.1, -169.1, 19.4,								
25	13.7, 173.7, 162.9, -164.6, 5.1,	26	13.7, 159.5, 146.7, -155.1, -9.3,								
27	13.7, 140.9, 141.5, -140.9, -23.7,	28	13.7, 159.4, 160.9, -146.4, -37.5,								
29	13.7, 173.6, 176.2, -147.9, -49.8,	30	13.7, 182.6, 186.1, -145.0, -60.6,								
31	13.7, 186.1, 190.3, -137.6, -69.6,	32	13.7, 183.9, 188.7, -126.0, -76.5,								
33	13.7, 176.1, 182.6, -110.7, -81.0,	34	13.7, 162.9, 173.7, -92.0, -83.1,								
35	0.0, 0.0, 0.0, 0.0, 0.0,	36	13.7, 141.5, 140.9, -46.8, -70.1,								

SOURCE ID: IDLE6

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	13.7, 160.9, 159.4, -50.1, -67.3,	2	13.7, 176.2, 173.6, -44.6, -62.5,								
3	13.7, 186.1, 182.6, -37.7, -55.9,	4	13.7, 190.3, 186.1, -29.6, -47.6,								
5	13.7, 188.7, 183.9, -20.7, -37.8,	6	13.7, 182.6, 176.1, -11.1, -26.3,								
7	13.7, 173.7, 162.9, -1.2, -12.7,	8	13.7, 159.5, 146.7, 7.0, 1.4,								
9	13.7, 140.9, 141.5, -0.7, 15.6,	10	13.7, 159.4, 160.9, -13.2, 29.5,								
11	13.7, 173.6, 176.2, -25.5, 42.2,	12	13.7, 182.6, 186.1, -37.1, 53.6,								
13	13.7, 186.1, 190.3, -47.5, 63.4,	14	13.7, 183.9, 188.7, -56.5, 71.3,								
15	13.7, 176.1, 182.6, -65.0, 77.0,	16	13.7, 162.9, 173.7, -74.2, 80.3,								
17	0.0, 0.0, 0.0, 0.0, 0.0,	18	13.7, 141.5, 140.9, -86.1, 70.1,								
19	13.7, 160.9, 159.4, -109.2, 67.3,	20	13.7, 176.2, 173.6, -129.0, 62.5,								
21	13.7, 186.1, 182.6, -145.0, 55.9,	22	13.7, 190.3, 186.1, -156.5, 47.6,								
23	13.7, 188.7, 183.9, -163.2, 37.8,	24	13.7, 182.6, 176.1, -165.0, 26.3,								
25	13.7, 173.7, 162.9, -161.8, 12.7,	26	13.7, 159.5, 146.7, -153.6, -1.4,								
27	13.7, 140.9, 141.5, -140.8, -15.6,	28	13.7, 159.4, 160.9, -147.7, -29.5,								
29	13.7, 173.6, 176.2, -150.6, -42.2,	30	13.7, 182.6, 186.1, -149.0, -53.6,								
31	13.7, 186.1, 190.3, -142.7, -63.4,	32	13.7, 183.9, 188.7, -132.2, -71.3,								
33	13.7, 176.1, 182.6, -117.6, -77.0,	34	13.7, 162.9, 173.7, -99.5, -80.3,								
35	0.0, 0.0, 0.0, 0.0, 0.0,	36	13.7, 141.5, 140.9, -54.8, -70.1,								

Project\_REV6\_B.ADO

SOURCE ID: IDLE7

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	13.7,	160.9,	159.4,	-57.5,	-68.8,	2	13.7,	176.2,	173.6,	-51.5,	-65.3,
3	13.7,	186.1,	182.6,	-44.0,	-59.9,	4	13.7,	190.3,	186.1,	-35.2,	-52.6,
5	13.7,	188.7,	183.9,	-25.3,	-43.7,	6	13.7,	182.6,	176.1,	-14.6,	-32.9,
7	13.7,	173.7,	162.9,	-3.5,	-19.8,	8	13.7,	159.5,	146.7,	5.9,	-6.0,
9	13.7,	140.9,	141.5,	-0.4,	8.1,	10	13.7,	159.4,	160.9,	-11.7,	22.2,
11	13.7,	173.6,	176.2,	-22.8,	35.3,	12	13.7,	182.6,	186.1,	-33.1,	47.3,
13	13.7,	186.1,	190.3,	-42.5,	57.8,	14	13.7,	183.9,	188.7,	-50.6,	66.6,
15	13.7,	176.1,	182.6,	-58.4,	73.4,	16	13.7,	162.9,	173.7,	-67.1,	78.0,
17	13.7,	146.7,	159.5,	-73.8,	79.2,	18	13.7,	141.5,	140.9,	-78.6,	70.3,
19	13.7,	160.9,	159.4,	-101.9,	68.8,	20	13.7,	176.2,	173.6,	-122.1,	65.3,
21	13.7,	186.1,	182.6,	-138.6,	59.9,	22	13.7,	190.3,	186.1,	-150.9,	52.6,
23	13.7,	188.7,	183.9,	-158.6,	43.7,	24	13.7,	182.6,	176.1,	-161.5,	32.9,
25	13.7,	173.7,	162.9,	-159.4,	19.8,	26	13.7,	159.5,	146.7,	-152.6,	6.0,
27	13.7,	140.9,	141.5,	-141.1,	-8.1,	28	13.7,	159.4,	160.9,	-149.3,	-22.2,
29	13.7,	173.6,	176.2,	-153.4,	-35.3,	30	13.7,	182.6,	186.1,	-152.9,	-47.3,
31	13.7,	186.1,	190.3,	-147.7,	-57.8,	32	13.7,	183.9,	188.7,	-138.1,	-66.6,
33	13.7,	176.1,	182.6,	-124.3,	-73.4,	34	13.7,	162.9,	173.7,	-106.6,	-78.0,
35	13.7,	146.7,	159.5,	-85.8,	-79.2,	36	13.7,	141.5,	140.9,	-62.3,	-70.3,

SOURCE ID: IDLE8

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	13.7,	160.9,	159.4,	-63.1,	-69.7,	2	13.7,	176.2,	173.6,	-56.9,	-67.2,
3	13.7,	186.1,	182.6,	-49.0,	-62.7,	4	13.7,	190.3,	186.1,	-39.6,	-56.2,
5	13.7,	188.7,	183.9,	-29.0,	-48.0,	6	13.7,	182.6,	176.1,	-17.5,	-37.8,
7	13.7,	173.7,	162.9,	-5.5,	-25.1,	8	13.7,	159.5,	146.7,	4.8,	-11.6,
9	13.7,	140.9,	141.5,	-0.5,	2.5,	10	13.7,	159.4,	160.9,	-10.7,	16.6,
11	13.7,	173.6,	176.2,	-20.9,	29.9,	12	13.7,	182.6,	186.1,	-30.4,	42.3,
13	13.7,	186.1,	190.3,	-38.9,	53.5,	14	13.7,	183.9,	188.7,	-46.3,	63.0,
15	13.7,	176.1,	182.6,	-53.5,	70.5,	16	13.7,	162.9,	173.7,	-61.8,	76.0,
17	13.7,	146.7,	159.5,	-68.2,	78.2,	18	13.7,	141.5,	140.9,	-72.9,	70.3,
19	13.7,	160.9,	159.4,	-96.3,	69.7,	20	13.7,	176.2,	173.6,	-116.7,	67.2,
21	13.7,	186.1,	182.6,	-133.6,	62.7,	22	13.7,	190.3,	186.1,	-146.5,	56.2,
23	13.7,	188.7,	183.9,	-154.9,	48.0,	24	13.7,	182.6,	176.1,	-158.6,	37.8,
25	13.7,	173.7,	162.9,	-157.5,	25.1,	26	13.7,	159.5,	146.7,	-151.5,	11.6,
27	13.7,	140.9,	141.5,	-141.0,	-2.5,	28	13.7,	159.4,	160.9,	-150.2,	-16.6,
29	13.7,	173.6,	176.2,	-155.3,	-29.9,	30	13.7,	182.6,	186.1,	-155.7,	-42.3,
31	13.7,	186.1,	190.3,	-151.3,	-53.5,	32	13.7,	183.9,	188.7,	-142.4,	-63.0,
33	13.7,	176.1,	182.6,	-129.1,	-70.5,	34	13.7,	162.9,	173.7,	-111.9,	-76.0,
35	13.7,	146.7,	159.5,	-91.3,	-78.2,	36	13.7,	141.5,	140.9,	-68.0,	-70.3,

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Project DPM Emission Impacts

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* DIRECTION SPECIFIC BUILDING DIMENSIONS \*\*\*

SOURCE ID: IDLE9

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	13.7,	160.9,	159.4,	-68.0,	-70.6,	2	13.7,	176.2,	173.6,	-61.6,	-69.0,
3	13.7,	186.1,	182.6,	-53.3,	-65.2,	4	13.7,	190.3,	186.1,	-43.4,	-59.5,
5	13.7,	188.7,	183.9,	-32.2,	-51.9,	6	13.7,	182.6,	176.1,	-20.0,	-42.2,
7	13.7,	173.7,	162.9,	-7.2,	-29.8,	8	13.7,	159.5,	146.7,	4.0,	-16.5,
9	13.7,	140.9,	141.5,	-0.5,	-2.6,	10	13.7,	159.4,	160.9,	-9.8,	11.7,
11	13.7,	173.6,	176.2,	-19.1,	25.2,	12	13.7,	182.6,	186.1,	-27.8,	38.0,
13	13.7,	186.1,	190.3,	-35.7,	49.6,	14	13.7,	183.9,	188.7,	-42.5,	59.8,
15	13.7,	176.1,	182.6,	-49.1,	68.0,	16	13.7,	162.9,	173.7,	-57.0,	74.3,
17	13.7,	146.7,	159.5,	-63.2,	77.3,	18	13.7,	141.5,	140.9,	-67.9,	70.3,

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19	13.7,	160.9,	159.4,	-91.3,	70.6,	20	13.7,	176.2,	173.6,	-112.0,	69.0,
21	13.7,	186.1,	182.6,	-129.3,	65.2,	22	13.7,	190.3,	186.1,	-142.7,	59.5,
23	13.7,	188.7,	183.9,	-151.7,	51.9,	24	13.7,	182.6,	176.1,	-156.1,	42.2,
25	13.7,	173.7,	162.9,	-155.8,	29.8,	26	13.7,	159.5,	146.7,	-150.7,	16.5,
27	13.7,	140.9,	141.5,	-141.1,	2.6,	28	13.7,	159.4,	160.9,	-151.1,	-11.7,
29	13.7,	173.6,	176.2,	-157.0,	-25.2,	30	13.7,	182.6,	186.1,	-158.2,	-38.0,
31	13.7,	186.1,	190.3,	-154.6,	-49.6,	32	13.7,	183.9,	188.7,	-146.3,	-59.8,
33	13.7,	176.1,	182.6,	-133.5,	-68.0,	34	13.7,	162.9,	173.7,	-116.7,	-74.3,
35	13.7,	146.7,	159.5,	-96.3,	-77.3,	36	13.7,	141.5,	140.9,	-73.0,	-70.3,

SOURCE ID: IDLE10

	IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	13.7,	160.9,	159.4,	-75.8,	-71.9,		2	13.7,	176.2,	173.6,	-69.0,	-71.6,
3	13.7,	186.1,	182.6,	-60.1,	-69.1,		4	13.7,	190.3,	186.1,	-49.5,	-64.5,
5	13.7,	188.7,	183.9,	-37.3,	-57.9,		6	13.7,	182.6,	176.1,	-24.0,	-49.0,
7	13.7,	173.7,	162.9,	-9.9,	-37.2,		8	13.7,	159.5,	146.7,	2.6,	-24.3,
9	13.7,	140.9,	141.5,	-0.5,	-10.4,		10	13.7,	159.4,	160.9,	-8.5,	3.9,
11	13.7,	173.6,	176.2,	-16.5,	17.8,		12	13.7,	182.6,	186.1,	-24.0,	31.2,
13	13.7,	186.1,	190.3,	-30.7,	43.6,		14	13.7,	183.9,	188.7,	-36.5,	54.6,
15	13.7,	176.1,	182.6,	-42.3,	64.1,		16	13.7,	162.9,	173.7,	-49.7,	71.5,
17	13.7,	146.7,	159.5,	-55.5,	75.9,		18	13.7,	141.5,	140.9,	-60.0,	70.2,
19	13.7,	160.9,	159.4,	-83.6,	71.9,		20	13.7,	176.2,	173.6,	-104.6,	71.6,
21	13.7,	186.1,	182.6,	-122.5,	69.1,		22	13.7,	190.3,	186.1,	-136.6,	64.5,
23	13.7,	188.7,	183.9,	-146.6,	57.9,		24	13.7,	182.6,	176.1,	-152.1,	49.0,
25	13.7,	173.7,	162.9,	-153.0,	37.2,		26	13.7,	159.5,	146.7,	-149.3,	24.3,
27	13.7,	140.9,	141.5,	-141.0,	10.4,		28	13.7,	159.4,	160.9,	-152.4,	-3.9,
29	13.7,	173.6,	176.2,	-159.7,	-17.8,		30	13.7,	182.6,	186.1,	-162.1,	-31.2,
31	13.7,	186.1,	190.3,	-159.6,	-43.6,		32	13.7,	183.9,	188.7,	-152.2,	-54.6,
33	13.7,	176.1,	182.6,	-140.3,	-64.1,		34	13.7,	162.9,	173.7,	-124.0,	-71.5,
35	13.7,	146.7,	159.5,	-104.0,	-75.9,		36	13.7,	141.5,	140.9,	-80.9,	-70.2,

SOURCE ID: IDLE11

	IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	13.7,	160.9,	159.4,	-83.1,	-73.5,		2	13.7,	176.2,	173.6,	-76.0,	-74.4,
3	13.7,	186.1,	182.6,	-66.5,	-73.0,		4	13.7,	190.3,	186.1,	-55.1,	-69.4,
5	13.7,	188.7,	183.9,	-41.9,	-63.8,		6	13.7,	182.6,	176.1,	-27.5,	-55.6,
7	13.7,	173.7,	162.9,	-12.3,	-44.3,		8	13.7,	159.5,	146.7,	1.5,	-31.7,
9	13.7,	140.9,	141.5,	-0.3,	-17.9,		10	13.7,	159.4,	160.9,	-7.0,	-3.4,
11	13.7,	173.6,	176.2,	-13.7,	10.8,		12	13.7,	182.6,	186.1,	-20.0,	24.8,
13	13.7,	186.1,	190.3,	-25.7,	38.0,		14	13.7,	183.9,	188.7,	-30.6,	50.0,
15	13.7,	176.1,	182.6,	-35.7,	60.5,		16	13.7,	162.9,	173.7,	-42.6,	69.2,
17	13.7,	146.7,	159.5,	-48.1,	74.8,		18	13.7,	141.5,	140.9,	-52.5,	70.5,
19	13.7,	160.9,	159.4,	-76.2,	73.5,		20	13.7,	176.2,	173.6,	-97.6,	74.4,
21	13.7,	186.1,	182.6,	-116.1,	73.0,		22	13.7,	190.3,	186.1,	-131.0,	69.4,
23	13.7,	188.7,	183.9,	-141.9,	63.8,		24	13.7,	182.6,	176.1,	-148.6,	55.6,
25	13.7,	173.7,	162.9,	-150.7,	44.3,		26	13.7,	159.5,	146.7,	-148.2,	31.7,
27	13.7,	140.9,	141.5,	-141.2,	17.9,		28	13.7,	159.4,	160.9,	-153.9,	3.4,
29	13.7,	173.6,	176.2,	-162.5,	-10.8,		30	13.7,	182.6,	186.1,	-166.0,	-24.8,
31	13.7,	186.1,	190.3,	-164.6,	-38.0,		32	13.7,	183.9,	188.7,	-158.1,	-50.0,
33	13.7,	176.1,	182.6,	-146.9,	-60.5,		34	13.7,	162.9,	173.7,	-131.2,	-69.2,
35	13.7,	146.7,	159.5,	-111.5,	-74.8,		36	13.7,	141.5,	140.9,	-88.4,	-70.5,

SOURCE ID: IDLE12

	IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	13.7,	160.9,	159.4,	-88.7,	-74.4,		2	13.7,	176.2,	173.6,	-81.3,	-76.3,
3	13.7,	186.1,	182.6,	-71.5,	-75.8,		4	13.7,	190.3,	186.1,	-59.4,	-73.0,
5	13.7,	188.7,	183.9,	-45.6,	-68.1,		6	13.7,	182.6,	176.1,	-30.4,	-60.4,
7	13.7,	173.7,	162.9,	-14.2,	-49.6,		8	13.7,	159.5,	146.7,	0.5,	-37.2,
9	13.7,	140.9,	141.5,	-0.3,	-23.6,		10	13.7,	159.4,	160.9,	-6.1,	-9.0,
11	13.7,	173.6,	176.2,	-11.8,	5.5,		12	13.7,	182.6,	186.1,	-17.2,	19.9,

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13	13.7,	186.1,	190.3,	-22.1,	33.6,	14	13.7,	183.9,	188.7,	-26.3,	46.3,
15	13.7,	176.1,	182.6,	-30.9,	57.6,	16	13.7,	162.9,	173.7,	-37.3,	67.2,
17	13.7,	146.7,	159.5,	-42.5,	73.8,	18	13.7,	141.5,	140.9,	-46.9,	70.4,
19	13.7,	160.9,	159.4,	-70.7,	74.4,	20	13.7,	176.2,	173.6,	-92.3,	76.3,
21	13.7,	186.1,	182.6,	-111.2,	75.8,	22	13.7,	190.3,	186.1,	-126.6,	73.0,
23	13.7,	188.7,	183.9,	-138.3,	68.1,	24	13.7,	182.6,	176.1,	-145.7,	60.4,
25	13.7,	173.7,	162.9,	-148.7,	49.6,	26	13.7,	159.5,	146.7,	-147.2,	37.2,
27	13.7,	140.9,	141.5,	-141.2,	23.6,	28	13.7,	159.4,	160.9,	-154.9,	9.0,
29	13.7,	173.6,	176.2,	-164.3,	-5.5,	30	13.7,	182.6,	186.1,	-168.8,	-19.9,
31	13.7,	186.1,	190.3,	-168.2,	-33.6,	32	13.7,	183.9,	188.7,	-162.4,	-46.3,
33	13.7,	176.1,	182.6,	-151.8,	-57.6,	34	13.7,	162.9,	173.7,	-136.5,	-67.2,
35	13.7,	146.7,	159.5,	-117.0,	-73.8,	36	13.7,	141.5,	140.9,	-94.0,	-70.4,

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

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

( 469745.2, 3765777.0,	294.0,	739.0,	0.0);	( 469745.2, 3765797.0,	294.0,	739.0,	0.0);
( 469745.2, 3765817.0,	294.0,	739.0,	0.0);	( 469745.2, 3765837.0,	294.3,	739.0,	0.0);
( 469745.2, 3765857.0,	294.9,	739.0,	0.0);	( 469745.2, 3765877.0,	294.9,	739.0,	0.0);
( 469745.2, 3765897.0,	294.9,	739.0,	0.0);	( 469548.7, 3765917.4,	291.3,	739.0,	0.0);
( 469745.2, 3765917.0,	294.9,	739.0,	0.0);	( 469551.8, 3765937.4,	291.4,	739.0,	0.0);
( 469745.2, 3765937.0,	294.9,	739.0,	0.0);	( 469351.8, 3765577.4,	287.2,	739.0,	0.0);
( 469371.8, 3765577.4,	287.6,	739.0,	0.0);	( 469391.8, 3765577.4,	288.0,	739.0,	0.0);
( 469411.8, 3765577.4,	288.0,	739.0,	0.0);	( 469431.8, 3765577.4,	288.3,	739.0,	0.0);
( 469451.8, 3765577.4,	288.7,	739.0,	0.0);	( 469471.8, 3765577.4,	288.2,	739.0,	0.0);
( 469491.8, 3765577.4,	288.3,	739.0,	0.0);	( 469511.8, 3765577.4,	288.7,	739.0,	0.0);
( 469531.8, 3765577.4,	288.7,	739.0,	0.0);	( 469551.8, 3765577.4,	288.8,	739.0,	0.0);
( 469571.8, 3765577.4,	289.0,	739.0,	0.0);	( 469591.8, 3765577.4,	289.0,	739.0,	0.0);
( 469611.8, 3765577.4,	289.2,	739.0,	0.0);	( 469631.8, 3765577.4,	289.3,	739.0,	0.0);
( 469651.8, 3765577.4,	288.7,	739.0,	0.0);	( 469671.8, 3765577.4,	288.4,	739.0,	0.0);
( 469691.8, 3765577.4,	288.4,	739.0,	0.0);	( 469711.8, 3765577.4,	288.4,	739.0,	0.0);
( 469731.8, 3765577.4,	288.9,	739.0,	0.0);	( 469751.8, 3765577.4,	289.8,	739.0,	0.0);
( 469771.8, 3765577.4,	290.9,	739.0,	0.0);	( 469791.8, 3765577.4,	291.6,	739.0,	0.0);
( 469811.8, 3765577.4,	292.1,	739.0,	0.0);	( 469831.8, 3765577.4,	292.7,	739.0,	0.0);
( 469851.8, 3765577.4,	293.0,	739.0,	0.0);	( 469871.8, 3765577.4,	293.0,	739.0,	0.0);
( 469891.8, 3765577.4,	293.0,	739.0,	0.0);	( 469911.8, 3765577.4,	293.0,	739.0,	0.0);
( 469931.8, 3765577.4,	293.0,	739.0,	0.0);	( 469951.8, 3765577.4,	293.2,	739.0,	0.0);
( 469351.8, 3765597.4,	287.0,	739.0,	0.0);	( 469371.8, 3765597.4,	287.3,	739.0,	0.0);
( 469391.8, 3765597.4,	287.7,	739.0,	0.0);	( 469411.8, 3765597.4,	287.9,	739.0,	0.0);
( 469431.8, 3765597.4,	288.3,	739.0,	0.0);	( 469451.8, 3765597.4,	288.6,	739.0,	0.0);
( 469471.8, 3765597.4,	288.4,	739.0,	0.0);	( 469491.8, 3765597.4,	288.6,	739.0,	0.0);
( 469511.8, 3765597.4,	289.0,	739.0,	0.0);	( 469531.8, 3765597.4,	289.0,	739.0,	0.0);
( 469551.8, 3765597.4,	289.2,	739.0,	0.0);	( 469571.8, 3765597.4,	289.4,	739.0,	0.0);
( 469591.8, 3765597.4,	289.4,	739.0,	0.0);	( 469611.8, 3765597.4,	289.6,	739.0,	0.0);
( 469631.8, 3765597.4,	289.9,	739.0,	0.0);	( 469651.8, 3765597.4,	289.5,	739.0,	0.0);
( 469671.8, 3765597.4,	289.5,	739.0,	0.0);	( 469691.8, 3765597.4,	289.7,	739.0,	0.0);
( 469711.8, 3765597.4,	289.7,	739.0,	0.0);	( 469731.8, 3765597.4,	290.0,	739.0,	0.0);
( 469751.8, 3765597.4,	290.4,	739.0,	0.0);	( 469771.8, 3765597.4,	290.8,	739.0,	0.0);
( 469791.8, 3765597.4,	291.3,	739.0,	0.0);	( 469811.8, 3765597.4,	291.7,	739.0,	0.0);
( 469831.8, 3765597.4,	292.4,	739.0,	0.0);	( 469851.8, 3765597.4,	292.6,	739.0,	0.0);
( 469871.8, 3765597.4,	292.6,	739.0,	0.0);	( 469891.8, 3765597.4,	292.6,	739.0,	0.0);
( 469911.8, 3765597.4,	292.8,	739.0,	0.0);	( 469931.8, 3765597.4,	293.0,	739.0,	0.0);
( 469951.8, 3765597.4,	293.0,	739.0,	0.0);	( 469931.8, 3765617.4,	287.0,	739.0,	0.0);
( 469371.8, 3765617.4,	287.0,	739.0,	0.0);	( 469391.8, 3765617.4,	287.1,	739.0,	0.0);
( 469411.8, 3765617.4,	287.7,	739.0,	0.0);	( 469431.8, 3765617.4,	288.0,	739.0,	0.0);
( 469451.8, 3765617.4,	288.1,	739.0,	0.0);	( 469471.8, 3765617.4,	288.7,	739.0,	0.0);
( 469491.8, 3765617.4,	289.0,	739.0,	0.0);	( 469511.8, 3765617.4,	289.0,	739.0,	0.0);

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$$\begin{aligned}
& (469531.8, 3765617.4, 289.0, 739.0, 0.0); \quad (469551.8, 3765617.4, 289.4, 739.0, 0.0); \\
& (469571.8, 3765617.4, 290.0, 739.0, 0.0); \quad (469591.8, 3765617.4, 290.0, 739.0, 0.0); \\
& (469611.8, 3765617.4, 290.0, 739.0, 0.0); \quad (469631.8, 3765617.4, 290.0, 739.0, 0.0); \\
& (469651.8, 3765617.4, 290.0, 739.0, 0.0); \quad (469671.8, 3765617.4, 290.4, 739.0, 0.0);
\end{aligned}$$

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ U\*

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

♀ \*\*\* AERMOD - VERSION 22112 \*\*\*      \*\*\* Project DPM Emission Impacts      \*\*\*      07/03/23

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ U\*

Project\_REV6\_B.ADO  
 \*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

( 469631.8, 3765677.4,	292.0,	739.0,	0.0);	( 469651.8, 3765677.4,	292.0,	739.0,	0.0);
( 469671.8, 3765677.4,	292.4,	739.0,	0.0);	( 469691.8, 3765677.4,	293.0,	739.0,	0.0);
( 469711.8, 3765677.4,	293.0,	739.0,	0.0);	( 469731.8, 3765677.4,	293.0,	739.0,	0.0);
( 469751.8, 3765677.4,	293.0,	739.0,	0.0);	( 469771.8, 3765677.4,	293.0,	739.0,	0.0);
( 469791.8, 3765677.4,	293.0,	739.0,	0.0);	( 469811.8, 3765677.4,	293.0,	739.0,	0.0);
( 469831.8, 3765677.4,	293.0,	739.0,	0.0);	( 469851.8, 3765677.4,	292.6,	739.0,	0.0);
( 469871.8, 3765677.4,	292.1,	739.0,	0.0);	( 469891.8, 3765677.4,	292.8,	739.0,	0.0);
( 469911.8, 3765677.4,	293.0,	739.0,	0.0);	( 469931.8, 3765677.4,	293.1,	739.0,	0.0);
( 469951.8, 3765677.4,	293.7,	739.0,	0.0);	( 469351.8, 3765697.4,	286.0,	739.0,	0.0);
( 469371.8, 3765697.4,	286.4,	739.0,	0.0);	( 469391.8, 3765697.4,	287.1,	739.0,	0.0);
( 469411.8, 3765697.4,	287.7,	739.0,	0.0);	( 469431.8, 3765697.4,	288.1,	739.0,	0.0);
( 469451.8, 3765697.4,	288.4,	739.0,	0.0);	( 469471.8, 3765697.4,	288.8,	739.0,	0.0);
( 469491.8, 3765697.4,	289.4,	739.0,	0.0);	( 469511.8, 3765697.4,	290.1,	739.0,	0.0);
( 469531.8, 3765697.4,	290.5,	739.0,	0.0);	( 469551.8, 3765697.4,	290.8,	739.0,	0.0);
( 469571.8, 3765697.4,	291.1,	739.0,	0.0);	( 469591.8, 3765697.4,	291.5,	739.0,	0.0);
( 469611.8, 3765697.4,	291.8,	739.0,	0.0);	( 469631.8, 3765697.4,	292.0,	739.0,	0.0);
( 469651.8, 3765697.4,	292.0,	739.0,	0.0);	( 469671.8, 3765697.4,	292.4,	739.0,	0.0);
( 469691.8, 3765697.4,	293.0,	739.0,	0.0);	( 469711.8, 3765697.4,	293.0,	739.0,	0.0);
( 469731.8, 3765697.4,	293.0,	739.0,	0.0);	( 469751.8, 3765697.4,	293.0,	739.0,	0.0);
( 469771.8, 3765697.4,	293.0,	739.0,	0.0);	( 469791.8, 3765697.4,	293.3,	739.0,	0.0);
( 469811.8, 3765697.4,	293.7,	739.0,	0.0);	( 469831.8, 3765697.4,	293.2,	739.0,	0.0);
( 469851.8, 3765697.4,	292.9,	739.0,	0.0);	( 469871.8, 3765697.4,	292.7,	739.0,	0.0);
( 469891.8, 3765697.4,	292.9,	739.0,	0.0);	( 469911.8, 3765697.4,	293.0,	739.0,	0.0);
( 469931.8, 3765697.4,	293.1,	739.0,	0.0);	( 469951.8, 3765697.4,	293.7,	739.0,	0.0);
( 469351.8, 3765717.4,	286.0,	739.0,	0.0);	( 469371.8, 3765717.4,	286.4,	739.0,	0.0);
( 469391.8, 3765717.4,	287.1,	739.0,	0.0);	( 469411.8, 3765717.4,	287.7,	739.0,	0.0);
( 469431.8, 3765717.4,	288.2,	739.0,	0.0);	( 469451.8, 3765717.4,	288.4,	739.0,	0.0);
( 469471.8, 3765717.4,	288.8,	739.0,	0.0);	( 469491.8, 3765717.4,	289.4,	739.0,	0.0);
( 469511.8, 3765717.4,	290.1,	739.0,	0.0);	( 469531.8, 3765717.4,	290.7,	739.0,	0.0);
( 469551.8, 3765717.4,	291.2,	739.0,	0.0);	( 469571.8, 3765717.4,	291.4,	739.0,	0.0);
( 469591.8, 3765717.4,	291.8,	739.0,	0.0);	( 469611.8, 3765717.4,	292.2,	739.0,	0.0);
( 469631.8, 3765717.4,	292.4,	739.0,	0.0);	( 469651.8, 3765717.4,	292.4,	739.0,	0.0);
( 469671.8, 3765717.4,	292.6,	739.0,	0.0);	( 469691.8, 3765717.4,	293.0,	739.0,	0.0);
( 469711.8, 3765717.4,	293.0,	739.0,	0.0);	( 469731.8, 3765717.4,	293.2,	739.0,	0.0);
( 469751.8, 3765717.4,	293.4,	739.0,	0.0);	( 469771.8, 3765717.4,	293.4,	739.0,	0.0);
( 469791.8, 3765717.4,	293.6,	739.0,	0.0);	( 469811.8, 3765717.4,	293.9,	739.0,	0.0);
( 469831.8, 3765717.4,	293.5,	739.0,	0.0);	( 469851.8, 3765717.4,	293.4,	739.0,	0.0);
( 469871.8, 3765717.4,	293.3,	739.0,	0.0);	( 469891.8, 3765717.4,	293.1,	739.0,	0.0);
( 469911.8, 3765717.4,	293.0,	739.0,	0.0);	( 469931.8, 3765717.4,	293.1,	739.0,	0.0);
( 469951.8, 3765717.4,	293.7,	739.0,	0.0);	( 469351.8, 3765737.4,	286.0,	739.0,	0.0);
( 469371.8, 3765737.4,	286.4,	739.0,	0.0);	( 469391.8, 3765737.4,	287.1,	739.0,	0.0);
( 469411.8, 3765737.4,	287.7,	739.0,	0.0);	( 469431.8, 3765737.4,	288.4,	739.0,	0.0);
( 469451.8, 3765737.4,	289.0,	739.0,	0.0);	( 469471.8, 3765737.4,	289.0,	739.0,	0.0);
( 469491.8, 3765737.4,	289.4,	739.0,	0.0);	( 469511.8, 3765737.4,	290.1,	739.0,	0.0);
( 469531.8, 3765737.4,	290.7,	739.0,	0.0);	( 469551.8, 3765737.4,	291.4,	739.0,	0.0);

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\*\*\* 16:05:09

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

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

( 469571.8, 3765737.4,	292.0,	739.0,	0.0);	( 469591.8, 3765737.4,	292.0,	739.0,	0.0);
( 469611.8, 3765737.4,	292.4,	739.0,	0.0);	( 469631.8, 3765737.4,	293.0,	739.0,	0.0);
( 469651.8, 3765737.4,	293.0,	739.0,	0.0);	( 469671.8, 3765737.4,	293.0,	739.0,	0.0);
( 469691.8, 3765737.4,	293.0,	739.0,	0.0);	( 469711.8, 3765737.4,	293.0,	739.0,	0.0);
( 469731.8, 3765737.4,	293.4,	739.0,	0.0);	( 469751.8, 3765737.4,	294.0,	739.0,	0.0);

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( 469771.8, 3765737.4,	294.0,	739.0,	0.0);	( 469791.8, 3765737.4,	294.0,	739.0,	0.0);
( 469811.8, 3765737.4,	294.0,	739.0,	0.0);	( 469831.8, 3765737.4,	294.0,	739.0,	0.0);
( 469851.8, 3765737.4,	294.0,	739.0,	0.0);	( 469871.8, 3765737.4,	294.0,	739.0,	0.0);
( 469891.8, 3765737.4,	293.3,	739.0,	0.0);	( 469911.8, 3765737.4,	293.0,	739.0,	0.0);
( 469931.8, 3765737.4,	293.1,	739.0,	0.0);	( 469951.8, 3765737.4,	293.8,	739.0,	0.0);
( 469951.8, 3765757.4,	286.7,	739.0,	0.0);	( 469971.8, 3765757.4,	286.8,	739.0,	0.0);
( 469971.8, 3765757.4,	287.1,	739.0,	0.0);	( 469991.8, 3765757.4,	287.7,	739.0,	0.0);
( 469991.8, 3765757.4,	288.4,	739.0,	0.0);	( 469991.8, 3765757.4,	289.1,	739.0,	0.0);
( 469991.8, 3765757.4,	289.5,	739.0,	0.0);	( 469991.8, 3765757.4,	289.8,	739.0,	0.0);
( 469991.8, 3765757.4,	290.1,	739.0,	0.0);	( 469991.8, 3765757.4,	290.7,	739.0,	0.0);
( 469991.8, 3765757.4,	291.4,	739.0,	0.0);	( 469991.8, 3765757.4,	292.1,	739.0,	0.0);
( 469991.8, 3765757.4,	292.5,	739.0,	0.0);	( 469991.8, 3765757.4,	292.8,	739.0,	0.0);
( 469991.8, 3765757.4,	293.0,	739.0,	0.0);	( 469991.8, 3765757.4,	293.0,	739.0,	0.0);
( 469991.8, 3765757.4,	293.0,	739.0,	0.0);	( 469991.8, 3765757.4,	293.1,	739.0,	0.0);
( 469991.8, 3765757.4,	293.5,	739.0,	0.0);	( 469991.8, 3765757.4,	293.8,	739.0,	0.0);
( 469991.8, 3765757.4,	294.0,	739.0,	0.0);	( 469991.8, 3765757.4,	294.0,	739.0,	0.0);
( 469991.8, 3765757.4,	294.0,	739.0,	0.0);	( 469991.8, 3765757.4,	294.1,	739.0,	0.0);
( 469991.8, 3765757.4,	294.5,	739.0,	0.0);	( 469991.8, 3765757.4,	294.7,	739.0,	0.0);
( 469991.8, 3765757.4,	294.6,	739.0,	0.0);	( 469991.8, 3765757.4,	294.0,	739.0,	0.0);
( 469991.8, 3765757.4,	294.0,	739.0,	0.0);	( 469991.8, 3765757.4,	294.4,	739.0,	0.0);
( 469991.8, 3765757.4,	294.6,	739.0,	0.0);	( 469991.8, 3765757.4,	294.4,	739.0,	0.0);
( 469991.8, 3765777.4,	287.2,	739.0,	0.0);	( 469991.8, 3765777.4,	287.4,	739.0,	0.0);
( 469991.8, 3765777.4,	287.8,	739.0,	0.0);	( 469991.8, 3765777.4,	288.4,	739.0,	0.0);
( 469991.8, 3765777.4,	289.1,	739.0,	0.0);	( 469991.8, 3765777.4,	289.7,	739.0,	0.0);
( 469991.8, 3765777.4,	290.0,	739.0,	0.0);	( 469991.8, 3765777.4,	294.3,	739.0,	0.0);
( 469991.8, 3765777.4,	294.4,	739.0,	0.0);	( 469991.8, 3765777.4,	294.4,	739.0,	0.0);
( 469991.8, 3765777.4,	294.8,	739.0,	0.0);	( 469991.8, 3765777.4,	295.0,	739.0,	0.0);
( 469991.8, 3765777.4,	294.9,	739.0,	0.0);	( 469991.8, 3765777.4,	294.5,	739.0,	0.0);
( 469991.8, 3765777.4,	294.8,	739.0,	0.0);	( 469991.8, 3765777.4,	295.4,	739.0,	0.0);
( 469991.8, 3765777.4,	295.4,	739.0,	0.0);	( 469991.8, 3765797.4,	287.0,	739.0,	0.0);
( 469991.8, 3765797.4,	287.4,	739.0,	0.0);	( 469991.8, 3765797.4,	288.0,	739.0,	0.0);
( 469991.8, 3765797.4,	288.0,	739.0,	0.0);	( 469991.8, 3765797.4,	288.4,	739.0,	0.0);
( 469991.8, 3765797.4,	289.1,	739.0,	0.0);	( 469991.8, 3765797.4,	289.7,	739.0,	0.0);
( 469991.8, 3765797.4,	290.0,	739.0,	0.0);	( 469991.8, 3765797.4,	290.1,	739.0,	0.0);
( 469991.8, 3765797.4,	294.7,	739.0,	0.0);	( 469991.8, 3765797.4,	295.0,	739.0,	0.0);
( 469991.8, 3765797.4,	295.0,	739.0,	0.0);	( 469991.8, 3765797.4,	295.0,	739.0,	0.0);
( 469991.8, 3765797.4,	295.0,	739.0,	0.0);	( 469991.8, 3765797.4,	295.0,	739.0,	0.0);
( 469991.8, 3765797.4,	295.0,	739.0,	0.0);	( 469991.8, 3765797.4,	295.4,	739.0,	0.0);
( 469991.8, 3765797.4,	296.0,	739.0,	0.0);	( 469991.8, 3765797.4,	296.0,	739.0,	0.0);
( 469991.8, 3765817.4,	287.5,	739.0,	0.0);	( 469991.8, 3765817.4,	287.8,	739.0,	0.0);

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

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

( 469391.8, 3765817.4,	288.0,	739.0,	0.0);	( 469411.8, 3765817.4,	288.0,	739.0,	0.0);
( 469431.8, 3765817.4,	288.4,	739.0,	0.0);	( 469451.8, 3765817.4,	289.1,	739.0,	0.0);
( 469471.8, 3765817.4,	289.7,	739.0,	0.0);	( 469491.8, 3765817.4,	290.0,	739.0,	0.0);
( 469511.8, 3765817.4,	290.1,	739.0,	0.0);	( 469771.8, 3765817.4,	294.7,	739.0,	0.0);
( 469791.8, 3765817.4,	295.0,	739.0,	0.0);	( 469811.8, 3765817.4,	295.1,	739.0,	0.0);
( 469831.8, 3765817.4,	295.5,	739.0,	0.0);	( 469851.8, 3765817.4,	295.7,	739.0,	0.0);
( 469871.8, 3765817.4,	295.7,	739.0,	0.0);	( 469891.8, 3765817.4,	295.2,	739.0,	0.0);
( 469911.8, 3765817.4,	295.4,	739.0,	0.0);	( 469931.8, 3765817.4,	296.0,	739.0,	0.0);
( 469951.8, 3765817.4,	296.0,	739.0,	0.0);	( 469971.8, 3765817.4,	287.7,	739.0,	0.0);
( 469971.8, 3765837.4,	288.0,	739.0,	0.0);	( 469991.8, 3765837.4,	288.0,	739.0,	0.0);
( 469991.8, 3765837.4,	288.3,	739.0,	0.0);	( 469991.8, 3765837.4,	288.6,	739.0,	0.0);
( 469991.8, 3765837.4,	289.1,	739.0,	0.0);	( 469991.8, 3765837.4,	289.7,	739.0,	0.0);
( 469991.8, 3765837.4,	290.2,	739.0,	0.0);	( 469991.8, 3765837.4,	290.4,	739.0,	0.0);
( 469991.8, 3765837.4,	294.8,	739.0,	0.0);	( 469991.8, 3765837.4,	295.2,	739.0,	0.0);

Project\_REV6\_B.ADO

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( 469811.8, 3765837.4, 295.4, 739.0, 0.0); ( 469831.8, 3765837.4, 295.8, 739.0, 0.0);
( 469851.8, 3765837.4, 296.2, 739.0, 0.0); ( 469871.8, 3765837.4, 296.3, 739.0, 0.0);
( 469891.8, 3765837.4, 295.6, 739.0, 0.0); ( 469911.8, 3765837.4, 295.8, 739.0, 0.0);
( 469931.8, 3765837.4, 296.4, 739.0, 0.0); ( 469951.8, 3765837.4, 296.4, 739.0, 0.0);
( 469351.8, 3765857.4, 287.7, 739.0, 0.0); ( 469371.8, 3765857.4, 288.0, 739.0, 0.0);
( 469391.8, 3765857.4, 288.1, 739.0, 0.0); ( 469411.8, 3765857.4, 288.7, 739.0, 0.0);
( 469431.8, 3765857.4, 289.0, 739.0, 0.0); ( 469451.8, 3765857.4, 289.1, 739.0, 0.0);
( 469471.8, 3765857.4, 289.7, 739.0, 0.0); ( 469491.8, 3765857.4, 290.4, 739.0, 0.0);
( 469511.8, 3765857.4, 291.0, 739.0, 0.0); ( 469531.8, 3765857.4, 291.0, 739.0, 0.0);
( 469771.8, 3765857.4, 295.0, 739.0, 0.0); ( 469791.8, 3765857.4, 295.4, 739.0, 0.0);
( 469811.8, 3765857.4, 296.0, 739.0, 0.0); ( 469831.8, 3765857.4, 296.0, 739.0, 0.0);
( 469851.8, 3765857.4, 296.4, 739.0, 0.0); ( 469871.8, 3765857.4, 296.9, 739.0, 0.0);
( 469891.8, 3765857.4, 296.3, 739.0, 0.0); ( 469911.8, 3765857.4, 296.4, 739.0, 0.0);
( 469931.8, 3765857.4, 297.0, 739.0, 0.0); ( 469951.8, 3765857.4, 297.0, 739.0, 0.0);
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( 469391.8, 3765877.4, 288.1, 739.0, 0.0); ( 469411.8, 3765877.4, 288.7, 739.0, 0.0);
( 469431.8, 3765877.4, 289.0, 739.0, 0.0); ( 469451.8, 3765877.4, 289.1, 739.0, 0.0);
( 469471.8, 3765877.4, 289.7, 739.0, 0.0); ( 469491.8, 3765877.4, 290.4, 739.0, 0.0);
( 469511.8, 3765877.4, 291.0, 739.0, 0.0); ( 469531.8, 3765877.4, 291.0, 739.0, 0.0);
( 469771.8, 3765877.4, 295.0, 739.0, 0.0); ( 469791.8, 3765877.4, 295.4, 739.0, 0.0);
( 469811.8, 3765877.4, 296.1, 739.0, 0.0); ( 469831.8, 3765877.4, 296.5, 739.0, 0.0);
( 469851.8, 3765877.4, 296.8, 739.0, 0.0); ( 469871.8, 3765877.4, 297.0, 739.0, 0.0);
( 469891.8, 3765877.4, 296.8, 739.0, 0.0); ( 469911.8, 3765877.4, 296.8, 739.0, 0.0);
( 469931.8, 3765877.4, 297.0, 739.0, 0.0); ( 469951.8, 3765877.4, 297.0, 739.0, 0.0);
( 469351.8, 3765897.4, 287.7, 739.0, 0.0); ( 469371.8, 3765897.4, 288.0, 739.0, 0.0);
( 469391.8, 3765897.4, 288.1, 739.0, 0.0); ( 469411.8, 3765897.4, 288.7, 739.0, 0.0);
( 469431.8, 3765897.4, 289.0, 739.0, 0.0); ( 469451.8, 3765897.4, 289.1, 739.0, 0.0);
( 469471.8, 3765897.4, 289.7, 739.0, 0.0); ( 469491.8, 3765897.4, 290.4, 739.0, 0.0);
( 469511.8, 3765897.4, 291.0, 739.0, 0.0); ( 469531.8, 3765897.4, 291.0, 739.0, 0.0);
( 469771.8, 3765897.4, 295.0, 739.0, 0.0); ( 469791.8, 3765897.4, 295.4, 739.0, 0.0);
( 469811.8, 3765897.4, 296.1, 739.0, 0.0); ( 469831.8, 3765897.4, 296.7, 739.0, 0.0);

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\*\*\* MODELOPTS: CONC ELEV URBAN ADJ\_U\*

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

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( 469851.8, 3765897.4, 297.2, 739.0, 0.0); ( 469871.8, 3765897.4, 297.4, 739.0, 0.0);
( 469891.8, 3765897.4, 297.4, 739.0, 0.0); ( 469911.8, 3765897.4, 297.4, 739.0, 0.0);
( 469931.8, 3765897.4, 297.4, 739.0, 0.0); ( 469951.8, 3765897.4, 297.4, 739.0, 0.0);
( 469351.8, 3765917.4, 287.7, 739.0, 0.0); ( 469371.8, 3765917.4, 288.0, 739.0, 0.0);
( 469391.8, 3765917.4, 288.1, 739.0, 0.0); ( 469411.8, 3765917.4, 288.7, 739.0, 0.0);
( 469431.8, 3765917.4, 289.0, 739.0, 0.0); ( 469451.8, 3765917.4, 289.1, 739.0, 0.0);
( 469471.8, 3765917.4, 289.8, 739.0, 0.0); ( 469491.8, 3765917.4, 290.4, 739.0, 0.0);
( 469511.8, 3765917.4, 291.0, 739.0, 0.0); ( 469531.8, 3765917.4, 291.0, 739.0, 0.0);
( 469771.8, 3765917.4, 295.0, 739.0, 0.0); ( 469791.8, 3765917.4, 295.4, 739.0, 0.0);
( 469811.8, 3765917.4, 296.1, 739.0, 0.0); ( 469831.8, 3765917.4, 296.7, 739.0, 0.0);
( 469851.8, 3765917.4, 297.4, 739.0, 0.0); ( 469871.8, 3765917.4, 298.0, 739.0, 0.0);
( 469891.8, 3765917.4, 298.0, 739.0, 0.0); ( 469911.8, 3765917.4, 298.0, 739.0, 0.0);
( 469931.8, 3765917.4, 298.0, 739.0, 0.0); ( 469951.8, 3765917.4, 298.0, 739.0, 0.0);
( 469351.8, 3765937.4, 287.7, 739.0, 0.0); ( 469371.8, 3765937.4, 288.0, 739.0, 0.0);
( 469391.8, 3765937.4, 288.1, 739.0, 0.0); ( 469411.8, 3765937.4, 288.7, 739.0, 0.0);
( 469431.8, 3765937.4, 289.3, 739.0, 0.0); ( 469451.8, 3765937.4, 289.7, 739.0, 0.0);
( 469471.8, 3765937.4, 289.9, 739.0, 0.0); ( 469491.8, 3765937.4, 290.4, 739.0, 0.0);
( 469511.8, 3765937.4, 291.0, 739.0, 0.0); ( 469531.8, 3765937.4, 291.0, 739.0, 0.0);
( 469771.8, 3765937.4, 295.0, 739.0, 0.0); ( 469791.8, 3765937.4, 295.4, 739.0, 0.0);
( 469811.8, 3765937.4, 296.1, 739.0, 0.0); ( 469831.8, 3765937.4, 296.7, 739.0, 0.0);
( 469851.8, 3765937.4, 297.4, 739.0, 0.0); ( 469871.8, 3765937.4, 298.1, 739.0, 0.0);
( 469891.8, 3765937.4, 298.5, 739.0, 0.0); ( 469911.8, 3765937.4, 298.7, 739.0, 0.0);
( 469931.8, 3765937.4, 298.7, 739.0, 0.0); ( 469951.8, 3765937.4, 298.7, 739.0, 0.0);

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Project\_REV6\_B.ADO

( 469351.8, 3765957.4,	287.7,	739.0,	0.0);	( 469371.8, 3765957.4,	288.0,	739.0,	0.0);
( 469391.8, 3765957.4,	288.1,	739.0,	0.0);	( 469411.8, 3765957.4,	288.7,	739.0,	0.0);
( 469431.8, 3765957.4,	289.4,	739.0,	0.0);	( 469451.8, 3765957.4,	290.0,	739.0,	0.0);
( 469471.8, 3765957.4,	290.3,	739.0,	0.0);	( 469491.8, 3765957.4,	290.6,	739.0,	0.0);
( 469511.8, 3765957.4,	291.0,	739.0,	0.0);	( 469531.8, 3765957.4,	291.0,	739.0,	0.0);
( 469551.8, 3765957.4,	291.4,	739.0,	0.0);	( 469571.8, 3765957.4,	292.1,	739.0,	0.0);
( 469591.8, 3765957.4,	292.5,	739.0,	0.0);	( 469611.8, 3765957.4,	292.8,	739.0,	0.0);
( 469631.8, 3765957.4,	293.1,	739.0,	0.0);	( 469651.8, 3765957.4,	293.5,	739.0,	0.0);
( 469671.8, 3765957.4,	293.8,	739.0,	0.0);	( 469691.8, 3765957.4,	294.0,	739.0,	0.0);
( 469711.8, 3765957.4,	294.0,	739.0,	0.0);	( 469731.8, 3765957.4,	294.4,	739.0,	0.0);
( 469751.8, 3765957.4,	295.0,	739.0,	0.0);	( 469771.8, 3765957.4,	295.0,	739.0,	0.0);
( 469791.8, 3765957.4,	295.4,	739.0,	0.0);	( 469811.8, 3765957.4,	296.1,	739.0,	0.0);
( 469831.8, 3765957.4,	296.7,	739.0,	0.0);	( 469851.8, 3765957.4,	297.4,	739.0,	0.0);
( 469871.8, 3765957.4,	298.1,	739.0,	0.0);	( 469891.8, 3765957.4,	298.7,	739.0,	0.0);
( 469911.8, 3765957.4,	299.0,	739.0,	0.0);	( 469931.8, 3765957.4,	299.0,	739.0,	0.0);
( 469951.8, 3765957.4,	299.0,	739.0,	0.0);	( 469351.8, 3765977.4,	287.7,	739.0,	0.0);
( 469371.8, 3765977.4,	288.0,	739.0,	0.0);	( 469391.8, 3765977.4,	288.1,	739.0,	0.0);
( 469411.8, 3765977.4,	288.7,	739.0,	0.0);	( 469431.8, 3765977.4,	289.4,	739.0,	0.0);
( 469451.8, 3765977.4,	290.1,	739.0,	0.0);	( 469471.8, 3765977.4,	290.8,	739.0,	0.0);
( 469491.8, 3765977.4,	291.0,	739.0,	0.0);	( 469511.8, 3765977.4,	291.0,	739.0,	0.0);
( 469531.8, 3765977.4,	291.0,	739.0,	0.0);	( 469551.8, 3765977.4,	291.4,	739.0,	0.0);
( 469571.8, 3765977.4,	292.0,	739.0,	0.0);	( 469591.8, 3765977.4,	292.0,	739.0,	0.0);

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

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

( 469611.8, 3765977.4,	292.4,	739.0,	0.0);	( 469631.8, 3765977.4,	293.0,	739.0,	0.0);
( 469651.8, 3765977.4,	293.0,	739.0,	0.0);	( 469671.8, 3765977.4,	293.4,	739.0,	0.0);
( 469691.8, 3765977.4,	294.0,	739.0,	0.0);	( 469711.8, 3765977.4,	294.0,	739.0,	0.0);
( 469731.8, 3765977.4,	294.4,	739.0,	0.0);	( 469751.8, 3765977.4,	295.0,	739.0,	0.0);
( 469771.8, 3765977.4,	295.0,	739.0,	0.0);	( 469791.8, 3765977.4,	295.4,	739.0,	0.0);
( 469811.8, 3765977.4,	296.1,	739.0,	0.0);	( 469831.8, 3765977.4,	296.7,	739.0,	0.0);
( 469851.8, 3765977.4,	297.4,	739.0,	0.0);	( 469871.8, 3765977.4,	298.1,	739.0,	0.0);
( 469891.8, 3765977.4,	298.7,	739.0,	0.0);	( 469911.8, 3765977.4,	299.0,	739.0,	0.0);
( 469931.8, 3765977.4,	299.0,	739.0,	0.0);	( 469951.8, 3765977.4,	299.0,	739.0,	0.0);
( 469351.8, 3765997.4,	287.7,	739.0,	0.0);	( 469371.8, 3765997.4,	288.0,	739.0,	0.0);
( 469391.8, 3765997.4,	288.1,	739.0,	0.0);	( 469411.8, 3765997.4,	288.7,	739.0,	0.0);
( 469431.8, 3765997.4,	289.7,	739.0,	0.0);	( 469451.8, 3765997.4,	290.7,	739.0,	0.0);
( 469471.8, 3765997.4,	290.9,	739.0,	0.0);	( 469491.8, 3765997.4,	291.3,	739.0,	0.0);
( 469511.8, 3765997.4,	291.7,	739.0,	0.0);	( 469531.8, 3765997.4,	291.7,	739.0,	0.0);
( 469551.8, 3765997.4,	291.5,	739.0,	0.0);	( 469571.8, 3765997.4,	291.4,	739.0,	0.0);
( 469591.8, 3765997.4,	291.8,	739.0,	0.0);	( 469611.8, 3765997.4,	292.1,	739.0,	0.0);
( 469631.8, 3765997.4,	292.4,	739.0,	0.0);	( 469651.8, 3765997.4,	292.8,	739.0,	0.0);
( 469671.8, 3765997.4,	293.1,	739.0,	0.0);	( 469691.8, 3765997.4,	293.4,	739.0,	0.0);
( 469711.8, 3765997.4,	293.8,	739.0,	0.0);	( 469731.8, 3765997.4,	294.4,	739.0,	0.0);
( 469751.8, 3765997.4,	295.0,	739.0,	0.0);	( 469771.8, 3765997.4,	295.0,	739.0,	0.0);
( 469791.8, 3765997.4,	295.4,	739.0,	0.0);	( 469811.8, 3765997.4,	296.1,	739.0,	0.0);
( 469831.8, 3765997.4,	296.7,	739.0,	0.0);	( 469851.8, 3765997.4,	297.4,	739.0,	0.0);
( 469871.8, 3765997.4,	298.0,	739.0,	0.0);	( 469891.8, 3765997.4,	298.2,	739.0,	0.0);
( 469911.8, 3765997.4,	298.6,	739.0,	0.0);	( 469931.8, 3765997.4,	299.0,	739.0,	0.0);
( 469951.8, 3765997.4,	299.0,	739.0,	0.0);	( 469351.8, 3766017.4,	287.7,	739.0,	0.0);
( 469371.8, 3766017.4,	288.0,	739.0,	0.0);	( 469391.8, 3766017.4,	288.1,	739.0,	0.0);
( 469411.8, 3766017.4,	288.7,	739.0,	0.0);	( 469431.8, 3766017.4,	288.8,	739.0,	0.0);
( 469451.8, 3766017.4,	291.0,	739.0,	0.0);	( 469471.8, 3766017.4,	291.3,	739.0,	0.0);
( 469491.8, 3766017.4,	291.6,	739.0,	0.0);	( 469511.8, 3766017.4,	292.0,	739.0,	0.0);
( 469531.8, 3766017.4,	292.0,	739.0,	0.0);	( 469551.8, 3766017.4,	291.7,	739.0,	0.0);
( 469571.8, 3766017.4,	291.4,	739.0,	0.0);	( 469591.8, 3766017.4,	291.8,	739.0,	0.0);
( 469611.8, 3766017.4,	292.0,	739.0,	0.0);	( 469631.8, 3766017.4,	292.1,	739.0,	0.0);

Project\_REV6.B.ADO

( 469651.8, 3766017.4, 292.7, 739.0, 0.0);	( 469671.8, 3766017.4, 293.0, 739.0, 0.0);
( 469691.8, 3766017.4, 293.1, 739.0, 0.0);	( 469711.8, 3766017.4, 293.7, 739.0, 0.0);
( 469731.8, 3766017.4, 294.4, 739.0, 0.0);	( 469751.8, 3766017.4, 295.0, 739.0, 0.0);
( 469771.8, 3766017.4, 295.0, 739.0, 0.0);	( 469791.8, 3766017.4, 295.4, 739.0, 0.0);
( 469811.8, 3766017.4, 296.1, 739.0, 0.0);	( 469831.8, 3766017.4, 296.7, 739.0, 0.0);
( 469851.8, 3766017.4, 297.4, 739.0, 0.0);	( 469871.8, 3766017.4, 298.0, 739.0, 0.0);
( 469891.8, 3766017.4, 298.0, 739.0, 0.0);	( 469911.8, 3766017.4, 298.4, 739.0, 0.0);
( 469931.8, 3766017.4, 299.0, 739.0, 0.0);	( 469951.8, 3766017.4, 299.0, 739.0, 0.0);
( 469351.8, 3766037.4, 287.7, 739.0, 0.0);	( 469371.8, 3766037.4, 288.0, 739.0, 0.0);
( 469391.8, 3766037.4, 288.1, 739.0, 0.0);	( 469411.8, 3766037.4, 288.8, 739.0, 0.0);
( 469431.8, 3766037.4, 289.8, 739.0, 0.0);	( 469451.8, 3766037.4, 291.1, 739.0, 0.0);
( 469471.8, 3766037.4, 291.7, 739.0, 0.0);	( 469491.8, 3766037.4, 292.0, 739.0, 0.0);
( 469511.8, 3766037.4, 292.0, 739.0, 0.0);	( 469531.8, 3766037.4, 292.0, 739.0, 0.0);

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

Project \_REV6\_B.ADO

( 469951.8, 3766077.4, 299.0, 739.0, 0.0); ( 469351.8, 3766097.4, 287.7, 739.0, 0.0);  
 ( 469371.8, 3766097.4, 288.0, 739.0, 0.0); ( 469391.8, 3766097.4, 288.2, 739.0, 0.0);  
 ( 469411.8, 3766097.4, 289.5, 739.0, 0.0); ( 469431.8, 3766097.4, 290.4, 739.0, 0.0);  
 ( 469451.8, 3766097.4, 291.1, 739.0, 0.0); ( 469471.8, 3766097.4, 291.7, 739.0, 0.0);  
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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ U\*

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

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ U\*

Project\_REV6\_B.ADO  
 \*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

( 469251.8, 3765277.4,	281.9,	739.0,	0.0);	( 469301.8, 3765277.4,	281.0,	739.0,	0.0);
( 469351.8, 3765277.4,	280.2,	739.0,	0.0);	( 469401.8, 3765277.4,	283.9,	739.0,	0.0);
( 469451.8, 3765277.4,	286.9,	739.0,	0.0);	( 469501.8, 3765277.4,	285.6,	739.0,	0.0);
( 469551.8, 3765277.4,	285.8,	739.0,	0.0);	( 469601.8, 3765277.4,	286.3,	739.0,	0.0);
( 469651.8, 3765277.4,	286.3,	739.0,	0.0);	( 469701.8, 3765277.4,	287.4,	739.0,	0.0);
( 469751.8, 3765277.4,	290.1,	739.0,	0.0);	( 469801.8, 3765277.4,	292.7,	739.0,	0.0);
( 469851.8, 3765277.4,	293.4,	739.0,	0.0);	( 469901.8, 3765277.4,	294.8,	739.0,	0.0);
( 469951.8, 3765277.4,	296.4,	739.0,	0.0);	( 470001.8, 3765277.4,	297.6,	739.0,	0.0);
( 470051.8, 3765277.4,	298.4,	739.0,	0.0);	( 470101.8, 3765277.4,	299.2,	739.0,	0.0);
( 470151.8, 3765277.4,	300.1,	739.0,	0.0);	( 470201.8, 3765277.4,	301.1,	739.0,	0.0);
( 470251.8, 3765277.4,	302.0,	739.0,	0.0);	( 469051.8, 3765327.4,	284.1,	739.0,	0.0);
( 469101.8, 3765327.4,	283.7,	739.0,	0.0);	( 469151.8, 3765327.4,	283.0,	739.0,	0.0);
( 469201.8, 3765327.4,	283.0,	739.0,	0.0);	( 469251.8, 3765327.4,	283.2,	739.0,	0.0);
( 469301.8, 3765327.4,	283.7,	739.0,	0.0);	( 469351.8, 3765327.4,	282.6,	739.0,	0.0);
( 469401.8, 3765327.4,	281.8,	739.0,	0.0);	( 469451.8, 3765327.4,	286.3,	739.0,	0.0);
( 469501.8, 3765327.4,	286.5,	739.0,	0.0);	( 469551.8, 3765327.4,	286.4,	739.0,	0.0);
( 469601.8, 3765327.4,	287.0,	739.0,	0.0);	( 469651.8, 3765327.4,	287.8,	739.0,	0.0);
( 469701.8, 3765327.4,	289.8,	739.0,	0.0);	( 469751.8, 3765327.4,	291.4,	739.0,	0.0);
( 469801.8, 3765327.4,	292.1,	739.0,	0.0);	( 469851.8, 3765327.4,	293.2,	739.0,	0.0);
( 469901.8, 3765327.4,	294.1,	739.0,	0.0);	( 469951.8, 3765327.4,	295.7,	739.0,	0.0);
( 470001.8, 3765327.4,	297.0,	739.0,	0.0);	( 470051.8, 3765327.4,	298.1,	739.0,	0.0);
( 470101.8, 3765327.4,	298.9,	739.0,	0.0);	( 470151.8, 3765327.4,	299.8,	739.0,	0.0);
( 470201.8, 3765327.4,	301.0,	739.0,	0.0);	( 470251.8, 3765327.4,	301.7,	739.0,	0.0);
( 469051.8, 3765377.4,	285.0,	739.0,	0.0);	( 469101.8, 3765377.4,	284.0,	739.0,	0.0);
( 469151.8, 3765377.4,	283.9,	739.0,	0.0);	( 469201.8, 3765377.4,	283.8,	739.0,	0.0);
( 469251.8, 3765377.4,	284.0,	739.0,	0.0);	( 469301.8, 3765377.4,	285.1,	739.0,	0.0);
( 469351.8, 3765377.4,	286.7,	739.0,	0.0);	( 469401.8, 3765377.4,	286.0,	739.0,	0.0);
( 469451.8, 3765377.4,	285.1,	739.0,	0.0);	( 469501.8, 3765377.4,	286.7,	739.0,	0.0);
( 469551.8, 3765377.4,	287.0,	739.0,	0.0);	( 469601.8, 3765377.4,	287.0,	739.0,	0.0);
( 469651.8, 3765377.4,	287.7,	739.0,	0.0);	( 469701.8, 3765377.4,	291.4,	739.0,	0.0);
( 469751.8, 3765377.4,	293.0,	739.0,	0.0);	( 469801.8, 3765377.4,	293.0,	739.0,	0.0);
( 469851.8, 3765377.4,	294.0,	739.0,	0.0);	( 469901.8, 3765377.4,	294.1,	739.0,	0.0);
( 469951.8, 3765377.4,	295.7,	739.0,	0.0);	( 470001.8, 3765377.4,	296.4,	739.0,	0.0);
( 470051.8, 3765377.4,	298.0,	739.0,	0.0);	( 470101.8, 3765377.4,	298.7,	739.0,	0.0);
( 470151.8, 3765377.4,	299.4,	739.0,	0.0);	( 470201.8, 3765377.4,	301.0,	739.0,	0.0);
( 470251.8, 3765377.4,	301.7,	739.0,	0.0);	( 469051.8, 3765427.4,	285.3,	739.0,	0.0);
( 469101.8, 3765427.4,	284.6,	739.0,	0.0);	( 469151.8, 3765427.4,	284.0,	739.0,	0.0);
( 469201.8, 3765427.4,	284.0,	739.0,	0.0);	( 469251.8, 3765427.4,	285.1,	739.0,	0.0);
( 469301.8, 3765427.4,	286.1,	739.0,	0.0);	( 469351.8, 3765427.4,	286.9,	739.0,	0.0);
( 469401.8, 3765427.4,	287.0,	739.0,	0.0);	( 469451.8, 3765427.4,	287.0,	739.0,	0.0);
( 469501.8, 3765427.4,	286.2,	739.0,	0.0);	( 469551.8, 3765427.4,	287.0,	739.0,	0.0);
( 469601.8, 3765427.4,	287.0,	739.0,	0.0);	( 469651.8, 3765427.4,	287.2,	739.0,	0.0);
( 469701.8, 3765427.4,	290.8,	739.0,	0.0);	( 469751.8, 3765427.4,	293.1,	739.0,	0.0);
( 469801.8, 3765427.4,	294.0,	739.0,	0.0);	( 469851.8, 3765427.4,	294.0,	739.0,	0.0);
( 469901.8, 3765427.4,	295.0,	739.0,	0.0);	( 469951.8, 3765427.4,	295.7,	739.0,	0.0);

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

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

( 470001.8, 3765427.4,	296.4,	739.0,	0.0);	( 470051.8, 3765427.4,	297.7,	739.0,	0.0);
( 470101.8, 3765427.4,	298.7,	739.0,	0.0);	( 470151.8, 3765427.4,	299.4,	739.0,	0.0);
( 470201.8, 3765427.4,	300.1,	739.0,	0.0);	( 470251.8, 3765427.4,	301.2,	739.0,	0.0);
( 469051.8, 3765477.4,	286.1,	739.0,	0.0);	( 469101.8, 3765477.4,	285.2,	739.0,	0.0);
( 469151.8, 3765477.4,	284.3,	739.0,	0.0);	( 469201.8, 3765477.4,	284.7,	739.0,	0.0);

Project_REV6_B.ADO								
(	469251.8,	3765477.4,	285.6,	739.0,	0.0);	(469301.8,	3765477.4,	286.4,
(	469351.8,	3765477.4,	287.0,	739.0,	0.0);	(469401.8,	3765477.4,	287.2,
(	469451.8,	3765477.4,	287.0,	739.0,	0.0);	(469501.8,	3765477.4,	287.1,
(	469551.8,	3765477.4,	286.6,	739.0,	0.0);	(469601.8,	3765477.4,	287.0,
(	469651.8,	3765477.4,	287.0,	739.0,	0.0);	(469701.8,	3765477.4,	289.0,
(	469751.8,	3765477.4,	292.3,	739.0,	0.0);	(469801.8,	3765477.4,	293.5,
(	469851.8,	3765477.4,	293.8,	739.0,	0.0);	(469901.8,	3765477.4,	294.6,
(	469951.8,	3765477.4,	294.9,	739.0,	0.0);	(470001.8,	3765477.4,	296.0,
(	470051.8,	3765477.4,	297.7,	739.0,	0.0);	(470101.8,	3765477.4,	298.7,
(	470151.8,	3765477.4,	299.6,	739.0,	0.0);	(470201.8,	3765477.4,	299.7,
(	470251.8,	3765477.4,	300.7,	739.0,	0.0);	(469051.8,	3765527.4,	287.3,
(	469101.8,	3765527.4,	285.6,	739.0,	0.0);	(469151.8,	3765527.4,	284.9,
(	469201.8,	3765527.4,	284.8,	739.0,	0.0);	(469251.8,	3765527.4,	285.4,
(	469301.8,	3765527.4,	287.0,	739.0,	0.0);	(469351.8,	3765527.4,	287.0,
(	469401.8,	3765527.4,	288.0,	739.0,	0.0);	(469451.8,	3765527.4,	288.0,
(	469501.8,	3765527.4,	288.0,	739.0,	0.0);	(469551.8,	3765527.4,	287.4,
(	469601.8,	3765527.4,	288.0,	739.0,	0.0);	(469651.8,	3765527.4,	287.0,
(	469701.8,	3765527.4,	287.0,	739.0,	0.0);	(469751.8,	3765527.4,	290.1,
(	469801.8,	3765527.4,	292.7,	739.0,	0.0);	(469851.8,	3765527.4,	293.4,
(	469901.8,	3765527.4,	294.0,	739.0,	0.0);	(469951.8,	3765527.4,	294.0,
(	470001.8,	3765527.4,	295.4,	739.0,	0.0);	(470051.8,	3765527.4,	297.0,
(	470101.8,	3765527.4,	298.7,	739.0,	0.0);	(470151.8,	3765527.4,	299.0,
(	470201.8,	3765527.4,	299.1,	739.0,	0.0);	(470251.8,	3765527.4,	300.7,
(	469051.8,	3765577.4,	288.2,	739.0,	0.0);	(469101.8,	3765577.4,	286.4,
(	469151.8,	3765577.4,	285.0,	739.0,	0.0);	(469201.8,	3765577.4,	285.0,
(	469251.8,	3765577.4,	285.8,	739.0,	0.0);	(469301.8,	3765577.4,	287.0,
(	470001.8,	3765577.4,	293.7,	739.0,	0.0);	(470051.8,	3765577.4,	295.4,
(	470101.8,	3765577.4,	297.7,	739.0,	0.0);	(470151.8,	3765577.4,	298.4,
(	470201.8,	3765577.4,	299.7,	739.0,	0.0);	(470251.8,	3765577.4,	300.7,
(	469051.8,	3765627.4,	289.6,	739.0,	0.0);	(469101.8,	3765627.4,	287.3,
(	469151.8,	3765627.4,	285.9,	739.0,	0.0);	(469201.8,	3765627.4,	285.0,
(	469251.8,	3765627.4,	285.4,	739.0,	0.0);	(469301.8,	3765627.4,	286.1,
(	470001.8,	3765627.4,	293.0,	739.0,	0.0);	(470051.8,	3765627.4,	295.2,
(	470101.8,	3765627.4,	297.8,	739.0,	0.0);	(470151.8,	3765627.4,	299.2,
(	470201.8,	3765627.4,	300.1,	739.0,	0.0);	(470251.8,	3765627.4,	301.7,
(	469051.8,	3765677.4,	291.3,	739.0,	0.0);	(469101.8,	3765677.4,	288.6,
(	469151.8,	3765677.4,	286.0,	739.0,	0.0);	(469201.8,	3765677.4,	285.3,
(	469251.8,	3765677.4,	285.4,	739.0,	0.0);	(469301.8,	3765677.4,	286.0,
(	470001.8,	3765677.4,	294.0,	739.0,	0.0);	(470051.8,	3765677.4,	296.1,
(	470101.8,	3765677.4,	297.7,	739.0,	0.0);	(470151.8,	3765677.4,	299.4,

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

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

(470201.8, 3765677.4,	300.1,	739.0,	0.0);	(470251.8, 3765677.4,	301.8,	739.0,	0.0);
(469051.8, 3765727.4,	292.2,	739.0,	0.0);	(469101.8, 3765727.4,	289.9,	739.0,	0.0);
(469151.8, 3765727.4,	286.9,	739.0,	0.0);	(469201.8, 3765727.4,	286.0,	739.0,	0.0);
(469251.8, 3765727.4,	286.0,	739.0,	0.0);	(469301.8, 3765727.4,	286.0,	739.0,	0.0);
(470001.8, 3765727.4,	295.3,	739.0,	0.0);	(470051.8, 3765727.4,	296.8,	739.0,	0.0);
(470101.8, 3765727.4,	297.9,	739.0,	0.0);	(470151.8, 3765727.4,	299.4,	739.0,	0.0);
(470201.8, 3765727.4,	301.1,	739.0,	0.0);	(470251.8, 3765727.4,	302.7,	739.0,	0.0);
(469051.8, 3765777.4,	293.8,	739.0,	0.0);	(469101.8, 3765777.4,	291.3,	739.0,	0.0);
(469151.8, 3765777.4,	288.2,	739.0,	0.0);	(469201.8, 3765777.4,	286.9,	739.0,	0.0);
(469251.8, 3765777.4,	286.0,	739.0,	0.0);	(469301.8, 3765777.4,	286.4,	739.0,	0.0);
(470001.8, 3765777.4,	296.4,	739.0,	0.0);	(470051.8, 3765777.4,	297.4,	739.0,	0.0);
(470101.8, 3765777.4,	298.3,	739.0,	0.0);	(470151.8, 3765777.4,	299.4,	739.0,	0.0);
(470201.8, 3765777.4,	301.1,	739.0,	0.0);	(470251.8, 3765777.4,	302.7,	739.0,	0.0);
(469051.8, 3765827.4,	294.6,	739.0,	0.0);	(469101.8, 3765827.4,	292.2,	739.0,	0.0);

Project_REV6_B.ADO							
( 469151.8, 3765827.4,	290.0,	739.0,	0.0);	( 469201.8, 3765827.4,	288.3,	739.0,	0.0);
( 469251.8, 3765827.4,	286.6,	739.0,	0.0);	( 469301.8, 3765827.4,	287.0,	739.0,	0.0);
( 470001.8, 3765827.4,	297.0,	739.0,	0.0);	( 470051.8, 3765827.4,	298.0,	739.0,	0.0);
( 470101.8, 3765827.4,	298.8,	739.0,	0.0);	( 470151.8, 3765827.4,	300.0,	739.0,	0.0);
( 470201.8, 3765827.4,	301.1,	739.0,	0.0);	( 470251.8, 3765827.4,	302.7,	739.0,	0.0);
( 469051.8, 3765877.4,	295.5,	739.0,	0.0);	( 469101.8, 3765877.4,	293.0,	739.0,	0.0);
( 469151.8, 3765877.4,	290.9,	739.0,	0.0);	( 469201.8, 3765877.4,	288.4,	739.0,	0.0);
( 469251.8, 3765877.4,	286.6,	739.0,	0.0);	( 469301.8, 3765877.4,	286.1,	739.0,	0.0);
( 470001.8, 3765877.4,	297.8,	739.0,	0.0);	( 470051.8, 3765877.4,	298.7,	739.0,	0.0);
( 470101.8, 3765877.4,	299.5,	739.0,	0.0);	( 470151.8, 3765877.4,	300.4,	739.0,	0.0);
( 470201.8, 3765877.4,	301.1,	739.0,	0.0);	( 470251.8, 3765877.4,	302.7,	739.0,	0.0);
( 469051.8, 3765927.4,	296.5,	739.0,	0.0);	( 469101.8, 3765927.4,	293.8,	739.0,	0.0);
( 469151.8, 3765927.4,	291.3,	739.0,	0.0);	( 469201.8, 3765927.4,	289.3,	739.0,	0.0);
( 469251.8, 3765927.4,	287.0,	739.0,	0.0);	( 469301.8, 3765927.4,	286.1,	739.0,	0.0);
( 470001.8, 3765927.4,	298.0,	739.0,	0.0);	( 470051.8, 3765927.4,	299.0,	739.0,	0.0);
( 470101.8, 3765927.4,	299.7,	739.0,	0.0);	( 470151.8, 3765927.4,	300.4,	739.0,	0.0);
( 470201.8, 3765927.4,	301.4,	739.0,	0.0);	( 470251.8, 3765927.4,	302.7,	739.0,	0.0);
( 469051.8, 3765977.4,	297.3,	739.0,	0.0);	( 469101.8, 3765977.4,	294.6,	739.0,	0.0);
( 469151.8, 3765977.4,	291.9,	739.0,	0.0);	( 469201.8, 3765977.4,	289.5,	739.0,	0.0);
( 469251.8, 3765977.4,	287.6,	739.0,	0.0);	( 469301.8, 3765977.4,	286.1,	739.0,	0.0);
( 470001.8, 3765977.4,	298.6,	739.0,	0.0);	( 470051.8, 3765977.4,	299.0,	739.0,	0.0);
( 470101.8, 3765977.4,	299.7,	739.0,	0.0);	( 470151.8, 3765977.4,	300.4,	739.0,	0.0);
( 470201.8, 3765977.4,	301.1,	739.0,	0.0);	( 470251.8, 3765977.4,	302.7,	739.0,	0.0);
( 469051.8, 3766027.4,	298.0,	739.0,	0.0);	( 469101.8, 3766027.4,	295.0,	739.0,	0.0);
( 469151.8, 3766027.4,	291.9,	739.0,	0.0);	( 469201.8, 3766027.4,	290.3,	739.0,	0.0);
( 469251.8, 3766027.4,	288.0,	739.0,	0.0);	( 469301.8, 3766027.4,	286.1,	739.0,	0.0);
( 470001.8, 3766027.4,	299.4,	739.0,	0.0);	( 470051.8, 3766027.4,	298.7,	739.0,	0.0);
( 470101.8, 3766027.4,	299.0,	739.0,	0.0);	( 470151.8, 3766027.4,	299.6,	739.0,	0.0);
( 470201.8, 3766027.4,	301.1,	739.0,	0.0);	( 470251.8, 3766027.4,	302.9,	739.0,	0.0);
( 469051.8, 3766077.4,	298.5,	739.0,	0.0);	( 469101.8, 3766077.4,	295.2,	739.0,	0.0);
( 469151.8, 3766077.4,	292.9,	739.0,	0.0);	( 469201.8, 3766077.4,	290.3,	739.0,	0.0);

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\*\*\* MODELOPTS: CONC ELEV URBAN ADJ\_U\*

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

( 469251.8, 3766077.4,	288.6,	739.0,	0.0);	( 469301.8, 3766077.4,	286.4,	739.0,	0.0);
( 470001.8, 3766077.4,	300.0,	739.0,	0.0);	( 470051.8, 3766077.4,	299.3,	739.0,	0.0);
( 470101.8, 3766077.4,	299.0,	739.0,	0.0);	( 470151.8, 3766077.4,	299.4,	739.0,	0.0);
( 470201.8, 3766077.4,	301.5,	739.0,	0.0);	( 470251.8, 3766077.4,	303.8,	739.0,	0.0);
( 469051.8, 3766127.4,	298.5,	739.0,	0.0);	( 469101.8, 3766127.4,	295.6,	739.0,	0.0);
( 469151.8, 3766127.4,	292.9,	739.0,	0.0);	( 469201.8, 3766127.4,	290.3,	739.0,	0.0);
( 469251.8, 3766127.4,	288.6,	739.0,	0.0);	( 469301.8, 3766127.4,	286.9,	739.0,	0.0);
( 470001.8, 3766127.4,	300.0,	739.0,	0.0);	( 470051.8, 3766127.4,	301.0,	739.0,	0.0);
( 470101.8, 3766127.4,	301.0,	739.0,	0.0);	( 470151.8, 3766127.4,	300.5,	739.0,	0.0);
( 470201.8, 3766127.4,	303.1,	739.0,	0.0);	( 470251.8, 3766127.4,	304.8,	739.0,	0.0);
( 469051.8, 3766177.4,	299.2,	739.0,	0.0);	( 469101.8, 3766177.4,	296.5,	739.0,	0.0);
( 469151.8, 3766177.4,	293.6,	739.0,	0.0);	( 469201.8, 3766177.4,	291.3,	739.0,	0.0);
( 469251.8, 3766177.4,	288.6,	739.0,	0.0);	( 469301.8, 3766177.4,	286.9,	739.0,	0.0);
( 469351.8, 3766177.4,	286.7,	739.0,	0.0);	( 469401.8, 3766177.4,	288.5,	739.0,	0.0);
( 469451.8, 3766177.4,	290.4,	739.0,	0.0);	( 469501.8, 3766177.4,	291.7,	739.0,	0.0);
( 469551.8, 3766177.4,	293.0,	739.0,	0.0);	( 469601.8, 3766177.4,	293.0,	739.0,	0.0);
( 469651.8, 3766177.4,	293.0,	739.0,	0.0);	( 469701.8, 3766177.4,	293.4,	739.0,	0.0);
( 469751.8, 3766177.4,	294.4,	739.0,	0.0);	( 469801.8, 3766177.4,	295.7,	739.0,	0.0);
( 469851.8, 3766177.4,	297.3,	739.0,	0.0);	( 469901.8, 3766177.4,	298.1,	739.0,	0.0);
( 469951.8, 3766177.4,	299.0,	739.0,	0.0);	( 470001.8, 3766177.4,	300.1,	739.0,	0.0);
( 470051.8, 3766177.4,	301.1,	739.0,	0.0);	( 470101.8, 3766177.4,	302.0,	739.0,	0.0);
( 470151.8, 3766177.4,	302.8,	739.0,	0.0);	( 470201.8, 3766177.4,	304.0,	739.0,	0.0);
( 470251.8, 3766177.4,	304.8,	739.0,	0.0);	( 469051.8, 3766227.4,	300.4,	739.0,	0.0);

Project_REV6_B.ADO						
( 469101.8, 3766227.4,	297.3,	739.0,	0.0);	( 469151.8, 3766227.4,	294.3,	739.0,
( 469201.8, 3766227.4,	291.8,	739.0,	0.0);	( 469251.8, 3766227.4,	288.7,	739.0,
( 469301.8, 3766227.4,	286.6,	739.0,	0.0);	( 469351.8, 3766227.4,	286.7,	739.0,
( 469401.8, 3766227.4,	288.6,	739.0,	0.0);	( 469451.8, 3766227.4,	290.4,	739.0,
( 469501.8, 3766227.4,	291.8,	739.0,	0.0);	( 469551.8, 3766227.4,	292.6,	739.0,
( 469601.8, 3766227.4,	293.0,	739.0,	0.0);	( 469651.8, 3766227.4,	292.7,	739.0,
( 469701.8, 3766227.4,	293.3,	739.0,	0.0);	( 469751.8, 3766227.4,	294.1,	739.0,
( 469801.8, 3766227.4,	295.7,	739.0,	0.0);	( 469851.8, 3766227.4,	297.4,	739.0,
( 469901.8, 3766227.4,	298.1,	739.0,	0.0);	( 469951.8, 3766227.4,	299.7,	739.0,
( 470001.8, 3766227.4,	300.4,	739.0,	0.0);	( 470051.8, 3766227.4,	301.1,	739.0,
( 470101.8, 3766227.4,	302.7,	739.0,	0.0);	( 470151.8, 3766227.4,	303.4,	739.0,
( 470201.8, 3766227.4,	305.0,	739.0,	0.0);	( 470251.8, 3766227.4,	304.5,	739.0,
( 469051.8, 3766277.4,	300.5,	739.0,	0.0);	( 469101.8, 3766277.4,	298.2,	739.0,
( 469151.8, 3766277.4,	295.9,	739.0,	0.0);	( 469201.8, 3766277.4,	293.3,	739.0,
( 469251.8, 3766277.4,	288.8,	739.0,	0.0);	( 469301.8, 3766277.4,	285.1,	739.0,
( 469351.8, 3766277.4,	286.7,	739.0,	0.0);	( 469401.8, 3766277.4,	288.8,	739.0,
( 469451.8, 3766277.4,	291.1,	739.0,	0.0);	( 469501.8, 3766277.4,	292.8,	739.0,
( 469551.8, 3766277.4,	293.0,	739.0,	0.0);	( 469601.8, 3766277.4,	294.0,	739.0,
( 469651.8, 3766277.4,	293.3,	739.0,	0.0);	( 469701.8, 3766277.4,	292.4,	739.0,
( 469751.8, 3766277.4,	294.1,	739.0,	0.0);	( 469801.8, 3766277.4,	295.7,	739.0,
( 469851.8, 3766277.4,	297.4,	739.0,	0.0);	( 469901.8, 3766277.4,	299.0,	739.0,
( 469951.8, 3766277.4,	299.7,	739.0,	0.0);	( 470001.8, 3766277.4,	300.4,	739.0,

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

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

( 470051.8, 3766277.4,	301.1,	739.0,	0.0);	( 470101.8, 3766277.4,	302.0,	739.0,
( 470151.8, 3766277.4,	303.4,	739.0,	0.0);	( 470201.8, 3766277.4,	304.0,	739.0,
( 470251.8, 3766277.4,	304.9,	739.0,	0.0);	( 469051.8, 3766327.4,	301.3,	739.0,
( 469101.8, 3766327.4,	298.5,	739.0,	0.0);	( 469151.8, 3766327.4,	295.9,	739.0,
( 469201.8, 3766327.4,	293.4,	739.0,	0.0);	( 469251.8, 3766327.4,	289.5,	739.0,
( 469301.8, 3766327.4,	285.0,	739.0,	0.0);	( 469351.8, 3766327.4,	286.0,	739.0,
( 469401.8, 3766327.4,	288.8,	739.0,	0.0);	( 469451.8, 3766327.4,	292.1,	739.0,
( 469501.8, 3766327.4,	293.5,	739.0,	0.0);	( 469551.8, 3766327.4,	294.3,	739.0,
( 469601.8, 3766327.4,	295.4,	739.0,	0.0);	( 469651.8, 3766327.4,	294.9,	739.0,
( 469701.8, 3766327.4,	290.6,	739.0,	0.0);	( 469751.8, 3766327.4,	294.1,	739.0,
( 469801.8, 3766327.4,	295.7,	739.0,	0.0);	( 469851.8, 3766327.4,	297.4,	739.0,
( 469901.8, 3766327.4,	299.0,	739.0,	0.0);	( 469951.8, 3766327.4,	299.7,	739.0,
( 470001.8, 3766327.4,	300.4,	739.0,	0.0);	( 470051.8, 3766327.4,	300.4,	739.0,
( 470101.8, 3766327.4,	301.2,	739.0,	0.0);	( 470151.8, 3766327.4,	301.6,	739.0,
( 470201.8, 3766327.4,	300.9,	739.0,	0.0);	( 470251.8, 3766327.4,	302.4,	739.0,
( 469051.8, 3766377.4,	301.4,	739.0,	0.0);	( 469101.8, 3766377.4,	298.6,	739.0,
( 469151.8, 3766377.4,	295.9,	739.0,	0.0);	( 469201.8, 3766377.4,	293.5,	739.0,
( 469251.8, 3766377.4,	289.6,	739.0,	0.0);	( 469301.8, 3766377.4,	284.8,	739.0,
( 469351.8, 3766377.4,	282.9,	739.0,	0.0);	( 469401.8, 3766377.4,	286.8,	739.0,
( 469451.8, 3766377.4,	292.1,	739.0,	0.0);	( 469501.8, 3766377.4,	293.7,	739.0,
( 469551.8, 3766377.4,	295.0,	739.0,	0.0);	( 469601.8, 3766377.4,	296.1,	739.0,
( 469651.8, 3766377.4,	296.7,	739.0,	0.0);	( 469701.8, 3766377.4,	290.6,	739.0,
( 469751.8, 3766377.4,	293.7,	739.0,	0.0);	( 469801.8, 3766377.4,	295.7,	739.0,
( 469851.8, 3766377.4,	297.6,	739.0,	0.0);	( 469901.8, 3766377.4,	299.1,	739.0,
( 469951.8, 3766377.4,	300.0,	739.0,	0.0);	( 470001.8, 3766377.4,	299.6,	739.0,
( 470051.8, 3766377.4,	298.6,	739.0,	0.0);	( 470101.8, 3766377.4,	299.2,	739.0,
( 470151.8, 3766377.4,	298.8,	739.0,	0.0);	( 470201.8, 3766377.4,	300.3,	739.0,
( 470251.8, 3766377.4,	303.9,	739.0,	0.0);	( 469051.8, 3766427.4,	301.5,	739.0,
( 469101.8, 3766427.4,	298.6,	739.0,	0.0);	( 469151.8, 3766427.4,	295.8,	739.0,
( 469201.8, 3766427.4,	292.5,	739.0,	0.0);	( 469251.8, 3766427.4,	287.1,	739.0,
( 469301.8, 3766427.4,	284.8,	739.0,	0.0);	( 469351.8, 3766427.4,	280.5,	739.0,
( 469401.8, 3766427.4,	285.9,	739.0,	0.0);	( 469451.8, 3766427.4,	293.1,	739.0,

Project\_REV6.B.ADO

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( 469501.8, 3766427.4, 294.7, 739.0, 0.0); ( 469551.8, 3766427.4, 296.0, 739.0, 0.0);
( 469601.8, 3766427.4, 297.0, 739.0, 0.0); ( 469651.8, 3766427.4, 297.0, 739.0, 0.0);
( 469701.8, 3766427.4, 292.6, 739.0, 0.0); ( 469751.8, 3766427.4, 293.1, 739.0, 0.0);
( 469801.8, 3766427.4, 295.7, 739.0, 0.0); ( 469851.8, 3766427.4, 297.8, 739.0, 0.0);
( 469901.8, 3766427.4, 299.1, 739.0, 0.0); ( 469951.8, 3766427.4, 299.0, 739.0, 0.0);
( 470001.8, 3766427.4, 291.6, 739.0, 0.0); ( 470051.8, 3766427.4, 292.4, 739.0, 0.0);
( 470101.8, 3766427.4, 297.0, 739.0, 0.0); ( 470151.8, 3766427.4, 301.3, 739.0, 0.0);
( 470201.8, 3766427.4, 305.0, 739.0, 0.0); ( 470251.8, 3766427.4, 305.8, 739.0, 0.0);
( 469541.4, 3765896.9, 291.1, 739.0, 0.0);

♀ *** AERMOD - VERSION 22112 *** *** Project DPM Emission Impacts *** 07/03/23
*** AERMET - VERSION 16216 *** *** *** 16:05:09
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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

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

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1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 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 22112 *** *** Project DPM Emission Impacts *** 07/03/23
*** AERMET - VERSION 16216 *** *** *** 16:05:09
```

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

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

Surface file: ..\..\AERMOD\RiversideAirportADJU\KRAL\_V9\_ADJU\KRAL\_v9.SFC Met Version: 16216
Profile file: ..\..\AERMOD\RiversideAirportADJU\KRAL\_V9\_ADJU\KRAL\_v9.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2012 Year: 2012

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																			

```
12 01 01 1 01 -25.6 0.266 -9.000 -9.000 -999. 330. 77.9 0.15 2.40 1.00 2.93 55. 10.1 288.1 2.0
12 01 01 1 02 -26.8 0.277 -9.000 -9.000 -999. 351. 84.7 0.15 2.40 1.00 3.05 55. 10.1 287.0 2.0
12 01 01 1 03 -21.5 0.221 -9.000 -9.000 -999. 250. 53.5 0.15 2.40 1.00 2.45 74. 10.1 284.2 2.0
12 01 01 1 04 -22.0 0.227 -9.000 -9.000 -999. 260. 56.8 0.15 2.40 1.00 2.52 77. 10.1 285.9 2.0
12 01 01 1 05 -20.0 0.206 -9.000 -9.000 -999. 225. 46.8 0.15 2.40 1.00 2.30 80. 10.1 285.4 2.0
12 01 01 1 06 -14.4 0.171 -9.000 -9.000 -999. 170. 32.1 0.15 2.40 1.00 1.93 79. 10.1 287.0 2.0
12 01 01 1 07 -14.9 0.174 -9.000 -9.000 -999. 174. 33.2 0.15 2.40 1.00 1.96 77. 10.1 284.2 2.0
12 01 01 1 08 -11.9 0.169 -9.000 -9.000 -999. 167. 36.1 0.15 2.40 0.53 1.89 77. 10.1 288.1 2.0
12 01 01 1 09 40.4 0.234 0.359 0.006 40. 272. -28.1 0.15 2.40 0.31 2.10 81. 10.1 289.2 2.0
```

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12 01 01	1 10	112.6	0.246	0.742	0.005	129.	293.	-11.8	0.15	2.40	0.24	1.99	101.	10.1	296.4	2.0
12 01 01	1 11	161.0	0.402	1.188	0.005	369.	611.	-35.6	0.15	2.40	0.21	3.68	78.	10.1	298.8	2.0
12 01 01	1 12	184.7	0.337	1.516	0.005	668.	473.	-18.4	0.15	2.40	0.20	2.89	68.	10.1	300.4	2.0
12 01 01	1 13	183.9	0.310	1.809	0.005	1139.	414.	-14.2	0.15	2.40	0.20	2.57	64.	10.1	302.5	2.0
12 01 01	1 14	156.6	0.374	1.852	0.005	1434.	549.	-29.5	0.15	2.40	0.22	3.37	63.	10.1	303.1	2.0
12 01 01	1 15	104.3	0.382	1.658	0.005	1546.	567.	-47.2	0.15	2.40	0.25	3.59	62.	10.1	302.5	2.0
12 01 01	1 16	31.8	0.374	1.123	0.005	1573.	550.	-145.8	0.15	2.40	0.34	3.76	69.	10.1	300.9	2.0
12 01 01	1 17	-23.3	0.276	-9.000	-9.000	-999.	354.	84.0	0.15	2.40	0.62	3.03	59.	10.1	297.5	2.0
12 01 01	1 18	-21.5	0.229	-9.000	-9.000	-999.	264.	57.8	0.15	2.40	1.00	2.54	54.	10.1	295.4	2.0
12 01 01	1 19	-19.3	0.204	-9.000	-9.000	-999.	221.	45.6	0.15	2.40	1.00	2.27	79.	10.1	292.0	2.0
12 01 01	1 20	-20.7	0.218	-9.000	-9.000	-999.	244.	52.2	0.15	2.40	1.00	2.42	79.	10.1	292.5	2.0
12 01 01	1 21	-19.7	0.206	-9.000	-9.000	-999.	225.	46.9	0.15	2.40	1.00	2.30	95.	10.1	290.9	2.0
12 01 01	1 22	-17.6	0.190	-9.000	-9.000	-999.	199.	39.8	0.15	2.40	1.00	2.13	78.	10.1	290.4	2.0
12 01 01	1 23	-20.3	0.211	-9.000	-9.000	-999.	233.	49.0	0.15	2.40	1.00	2.35	52.	10.1	289.2	2.0
12 01 01	1 24	-16.4	0.183	-9.000	-9.000	-999.	189.	37.0	0.15	2.40	1.00	2.06	75.	10.1	288.8	2.0

First hour of profile data

YR MO DY HR HEIGHT F WDIR WSPD AMB\_TMP sigmaA sigmaW sigmaV  
12 01 01 10.1 1 55. 2.93 288.2 99.0 -99.00 -99.00

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

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Project DPM Emission Impacts \*\*\* 07/03/23  
\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* \*\*\* 16:05:09

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): A0000018 , A0000019 , A0000020 , A0000021 , A0000022 ,  
A0000023 , A0000024 , IDLE1 , IDLE2 , IDLE3 , IDLE4 , IDLE5 , IDLE6 ,  
IDLE7 , IDLE8 , IDLE9 , IDLE10 , IDLE11 , IDLE12 , A0000025 , A0000026 ,  
A0000027 , A0000028 , A0000029 , A0000030 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
469745.20	3765777.05	0.00356	469745.20	3765797.05	0.00417
469745.20	3765817.05	0.00422	469745.20	3765837.05	0.00415
469745.20	3765857.05	0.00383	469745.20	3765877.05	0.00344
469745.20	3765897.05	0.00325	469548.66	3765917.39	0.00379
469745.20	3765917.05	0.00292	469551.78	3765937.39	0.00276
469745.20	3765937.05	0.00316	469351.78	3765577.39	0.00053
469371.78	3765577.39	0.00052	469391.78	3765577.39	0.00051
469411.78	3765577.39	0.00050	469431.78	3765577.39	0.00050
469451.78	3765577.39	0.00049	469471.78	3765577.39	0.00048
469491.78	3765577.39	0.00047	469511.78	3765577.39	0.00046
469531.78	3765577.39	0.00045	469551.78	3765577.39	0.00043
469571.78	3765577.39	0.00042	469591.78	3765577.39	0.00041
469611.78	3765577.39	0.00040	469631.78	3765577.39	0.00039
469651.78	3765577.39	0.00038	469671.78	3765577.39	0.00038
469691.78	3765577.39	0.00039	469711.78	3765577.39	0.00039
469731.78	3765577.39	0.00040	469751.78	3765577.39	0.00041
469771.78	3765577.39	0.00042	469791.78	3765577.39	0.00042
469811.78	3765577.39	0.00043	469831.78	3765577.39	0.00042
469851.78	3765577.39	0.00042	469871.78	3765577.39	0.00042
469891.78	3765577.39	0.00042	469911.78	3765577.39	0.00042
469931.78	3765577.39	0.00042	469951.78	3765577.39	0.00042
469351.78	3765597.39	0.00058	469371.78	3765597.39	0.00057
469391.78	3765597.39	0.00057	469411.78	3765597.39	0.00056

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469431.78	3765597.39	0.00055	469451.78	3765597.39	0.00055
469471.78	3765597.39	0.00053	469491.78	3765597.39	0.00052
469511.78	3765597.39	0.00051	469531.78	3765597.39	0.00050
469551.78	3765597.39	0.00048	469571.78	3765597.39	0.00046
469591.78	3765597.39	0.00045	469611.78	3765597.39	0.00043
469631.78	3765597.39	0.00043	469651.78	3765597.39	0.00042
469671.78	3765597.39	0.00043	469691.78	3765597.39	0.00043
469711.78	3765597.39	0.00044	469731.78	3765597.39	0.00045
469751.78	3765597.39	0.00046	469771.78	3765597.39	0.00046
469791.78	3765597.39	0.00047	469811.78	3765597.39	0.00048
469831.78	3765597.39	0.00048	469851.78	3765597.39	0.00048
469871.78	3765597.39	0.00048	469891.78	3765597.39	0.00048
469911.78	3765597.39	0.00047	469931.78	3765597.39	0.00047
469951.78	3765597.39	0.00047	469351.78	3765617.39	0.00063
469371.78	3765617.39	0.00063	469391.78	3765617.39	0.00063
469411.78	3765617.39	0.00063	469431.78	3765617.39	0.00062
469451.78	3765617.39	0.00061	469471.78	3765617.39	0.00060

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Project DPM Emission Impacts \*\*\* 07/03/23  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* \*\*\* 16:05:09

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): A0000018 , A0000019 , A0000020 , A0000021 , A0000022 ,  
 A0000023 , A0000024 , IDLE1 , IDLE2 , IDLE3 , IDLE4 , IDLE5 , IDLE6 ,  
 IDLE7 , IDLE8 , IDLE9 , IDLE10 , IDLE11 , IDLE12 , A0000025 , A0000026 ,  
 A0000027 , A0000028 , A0000029 , A0000030 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-------------	-------------	------	-------------	-------------	------

469491.78	3765617.39	0.00059	469511.78	3765617.39	0.00057
469531.78	3765617.39	0.00055	469551.78	3765617.39	0.00053
469571.78	3765617.39	0.00051	469591.78	3765617.39	0.00049
469611.78	3765617.39	0.00048	469631.78	3765617.39	0.00047
469651.78	3765617.39	0.00047	469671.78	3765617.39	0.00048
469691.78	3765617.39	0.00049	469711.78	3765617.39	0.00050
469731.78	3765617.39	0.00051	469751.78	3765617.39	0.00052
469771.78	3765617.39	0.00052	469791.78	3765617.39	0.00053
469811.78	3765617.39	0.00053	469831.78	3765617.39	0.00054
469851.78	3765617.39	0.00054	469871.78	3765617.39	0.00054
469891.78	3765617.39	0.00054	469911.78	3765617.39	0.00054
469931.78	3765617.39	0.00053	469951.78	3765617.39	0.00053
469351.78	3765637.39	0.00069	469371.78	3765637.39	0.00070
469391.78	3765637.39	0.00070	469411.78	3765637.39	0.00070
469431.78	3765637.39	0.00070	469451.78	3765637.39	0.00068
469471.78	3765637.39	0.00068	469491.78	3765637.39	0.00066
469511.78	3765637.39	0.00064	469531.78	3765637.39	0.00063
469551.78	3765637.39	0.00060	469571.78	3765637.39	0.00058
469591.78	3765637.39	0.00055	469611.78	3765637.39	0.00053
469631.78	3765637.39	0.00052	469651.78	3765637.39	0.00053
469671.78	3765637.39	0.00054	469691.78	3765637.39	0.00056
469711.78	3765637.39	0.00057	469731.78	3765637.39	0.00058
469751.78	3765637.39	0.00059	469771.78	3765637.39	0.00060
469791.78	3765637.39	0.00061	469811.78	3765637.39	0.00061
469831.78	3765637.39	0.00061	469851.78	3765637.39	0.00061
469871.78	3765637.39	0.00061	469891.78	3765637.39	0.00061
469911.78	3765637.39	0.00061	469931.78	3765637.39	0.00060
469951.78	3765637.39	0.00059	469351.78	3765657.39	0.00074

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469371.78	3765657.39	0.00076	469391.78	3765657.39	0.00078
469411.78	3765657.39	0.00079	469431.78	3765657.39	0.00079
469451.78	3765657.39	0.00078	469471.78	3765657.39	0.00078
469491.78	3765657.39	0.00076	469511.78	3765657.39	0.00074
469531.78	3765657.39	0.00072	469551.78	3765657.39	0.00068
469571.78	3765657.39	0.00065	469591.78	3765657.39	0.00061
469611.78	3765657.39	0.00059	469631.78	3765657.39	0.00059
469651.78	3765657.39	0.00060	469671.78	3765657.39	0.00062
469691.78	3765657.39	0.00064	469711.78	3765657.39	0.00066
469731.78	3765657.39	0.00068	469751.78	3765657.39	0.00069
469771.78	3765657.39	0.00068	469791.78	3765657.39	0.00069
469811.78	3765657.39	0.00070	469831.78	3765657.39	0.00071

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Project DPM Emission Impacts \*\*\* 07/03/23

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\*\*\* 16:05:09

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): A0000018 ,A0000019 ,A0000020 ,A0000021 ,A0000022 ,  
 A0000023 ,A0000024 ,IDLE1 ,IDLE2 ,IDLE3 ,IDLE4 ,IDLE5 ,IDLE6 ,  
 IDLE7 ,IDLE8 ,IDLE9 ,IDLE10 ,IDLE11 ,IDLE12 ,A0000025 ,A0000026 ,  
 A0000027 ,A0000028 ,A0000029 ,A0000030 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
469851.78	3765657.39	0.00071	469871.78	3765657.39	0.00070
469891.78	3765657.39	0.00069	469911.78	3765657.39	0.00069
469931.78	3765657.39	0.00068	469951.78	3765657.39	0.00068
469351.78	3765677.39	0.00079	469371.78	3765677.39	0.00082
469391.78	3765677.39	0.00086	469411.78	3765677.39	0.00089
469431.78	3765677.39	0.00091	469451.78	3765677.39	0.00091
469471.78	3765677.39	0.00090	469491.78	3765677.39	0.00089
469511.78	3765677.39	0.00087	469531.78	3765677.39	0.00083
469551.78	3765677.39	0.00078	469571.78	3765677.39	0.00073
469591.78	3765677.39	0.00069	469611.78	3765677.39	0.00067
469631.78	3765677.39	0.00068	469651.78	3765677.39	0.00071
469671.78	3765677.39	0.00074	469691.78	3765677.39	0.00074
469711.78	3765677.39	0.00077	469731.78	3765677.39	0.00078
469751.78	3765677.39	0.00080	469771.78	3765677.39	0.00081
469791.78	3765677.39	0.00081	469811.78	3765677.39	0.00082
469831.78	3765677.39	0.00081	469851.78	3765677.39	0.00081
469871.78	3765677.39	0.00081	469891.78	3765677.39	0.00081
469911.78	3765677.39	0.00080	469931.78	3765677.39	0.00079
469951.78	3765677.39	0.00077	4699351.78	3765697.39	0.00082
469371.78	3765697.39	0.00088	469391.78	3765697.39	0.00094
469411.78	3765697.39	0.00099	469431.78	3765697.39	0.00102
469451.78	3765697.39	0.00104	469471.78	3765697.39	0.00105
469491.78	3765697.39	0.00105	469511.78	3765697.39	0.00103
469531.78	3765697.39	0.00099	469551.78	3765697.39	0.00092
469571.78	3765697.39	0.00083	469591.78	3765697.39	0.00079
469611.78	3765697.39	0.00079	469631.78	3765697.39	0.00082
469651.78	3765697.39	0.00088	469671.78	3765697.39	0.00094
469691.78	3765697.39	0.00097	469711.78	3765697.39	0.00098
469731.78	3765697.39	0.00097	469751.78	3765697.39	0.00097
469771.78	3765697.39	0.00098	469791.78	3765697.39	0.00097
469811.78	3765697.39	0.00097	469831.78	3765697.39	0.00097
469851.78	3765697.39	0.00097	469871.78	3765697.39	0.00096
469891.78	3765697.39	0.00094	469911.78	3765697.39	0.00093

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469931.78	3765697.39	0.00092	469951.78	3765697.39	0.00090
469351.78	3765717.39	0.00085	469371.78	3765717.39	0.00092
469391.78	3765717.39	0.00100	469411.78	3765717.39	0.00108
469431.78	3765717.39	0.00115	469451.78	3765717.39	0.00120
469471.78	3765717.39	0.00124	469491.78	3765717.39	0.00126
469511.78	3765717.39	0.00125	469531.78	3765717.39	0.00122
469551.78	3765717.39	0.00111	469571.78	3765717.39	0.00097

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Project DPM Emission Impacts      \*\*\*      07/03/23  
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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): A0000018 , A0000019 , A0000020 , A0000021 , A0000022 ,  
 A0000023 , A0000024 , IDLE1 , IDLE2 , IDLE3 , IDLE4 , IDLE5 , IDLE6 ,  
 IDLE7 , IDLE8 , IDLE9 , IDLE10 , IDLE11 , IDLE12 , A0000025 , A0000026 ,  
 A0000027 , A0000028 , A0000029 , A0000030 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
469591.78	3765717.39	0.00094	469611.78	3765717.39	0.00097
469631.78	3765717.39	0.00103	469651.78	3765717.39	0.00110
469671.78	3765717.39	0.00121	469691.78	3765717.39	0.00127
469711.78	3765717.39	0.00134	469731.78	3765717.39	0.00133
469751.78	3765717.39	0.00122	469771.78	3765717.39	0.00121
469791.78	3765717.39	0.00120	469811.78	3765717.39	0.00118
469831.78	3765717.39	0.00118	469851.78	3765717.39	0.00116
469871.78	3765717.39	0.00114	469891.78	3765717.39	0.00112
469911.78	3765717.39	0.00110	469931.78	3765717.39	0.00108
469951.78	3765717.39	0.00104	469351.78	3765737.39	0.00085
469371.78	3765737.39	0.00094	469391.78	3765737.39	0.00104
469411.78	3765737.39	0.00115	469431.78	3765737.39	0.00127
469451.78	3765737.39	0.00138	469471.78	3765737.39	0.00146
469491.78	3765737.39	0.00153	469511.78	3765737.39	0.00156
469531.78	3765737.39	0.00158	469551.78	3765737.39	0.00148
469571.78	3765737.39	0.00119	469591.78	3765737.39	0.00116
469611.78	3765737.39	0.00116	469631.78	3765737.39	0.00110
469651.78	3765737.39	0.00121	469671.78	3765737.39	0.00133
469691.78	3765737.39	0.00165	469711.78	3765737.39	0.00178
469731.78	3765737.39	0.00187	469751.78	3765737.39	0.00175
469771.78	3765737.39	0.00153	469791.78	3765737.39	0.00150
469811.78	3765737.39	0.00146	469831.78	3765737.39	0.00145
469851.78	3765737.39	0.00140	469871.78	3765737.39	0.00138
469891.78	3765737.39	0.00134	469911.78	3765737.39	0.00130
469931.78	3765737.39	0.00126	469951.78	3765737.39	0.00122
469351.78	3765757.39	0.00085	469371.78	3765757.39	0.00094
469391.78	3765757.39	0.00105	469411.78	3765757.39	0.00119
469431.78	3765757.39	0.00135	469451.78	3765757.39	0.00153
469471.78	3765757.39	0.00170	469491.78	3765757.39	0.00186
469511.78	3765757.39	0.00204	469531.78	3765757.39	0.00220
469551.78	3765757.39	0.00186	469571.78	3765757.39	0.00140
469591.78	3765757.39	0.00142	469611.78	3765757.39	0.00147
469631.78	3765757.39	0.00163	469651.78	3765757.39	0.00179
469671.78	3765757.39	0.00186	469691.78	3765757.39	0.00199
469711.78	3765757.39	0.00248	469731.78	3765757.39	0.00258
469751.78	3765757.39	0.00262	469771.78	3765757.39	0.00200
469791.78	3765757.39	0.00192	469811.78	3765757.39	0.00184
469831.78	3765757.39	0.00177	469851.78	3765757.39	0.00169

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469871.78	3765757.39	0.00163	469891.78	3765757.39	0.00157
469911.78	3765757.39	0.00151	469931.78	3765757.39	0.00146

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Project DPM Emission Impacts                  \*\*\*      07/03/23  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*                  \*\*\*      16:05:09

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): A0000018 , A0000019 , A0000020 , A0000021 , A0000022 ,  
 A0000023 , A0000024 , IDLE1 , IDLE2 , IDLE3 , IDLE4 , IDLE5 , IDLE6 ,  
 IDLE7 , IDLE8 , IDLE9 , IDLE10 , IDLE11 , IDLE12 , A0000025 , A0000026 ,  
 A0000027 , A0000028 , A0000029 , A0000030 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
469951.78	3765757.39	0.00140	469351.78	3765777.39	0.00083
469371.78	3765777.39	0.00092	469391.78	3765777.39	0.00104
469411.78	3765777.39	0.00119	469431.78	3765777.39	0.00139
469451.78	3765777.39	0.00162	469471.78	3765777.39	0.00190
469491.78	3765777.39	0.00222	469771.78	3765777.39	0.00266
469791.78	3765777.39	0.00240	469811.78	3765777.39	0.00226
469831.78	3765777.39	0.00213	469851.78	3765777.39	0.00202
469871.78	3765777.39	0.00192	469891.78	3765777.39	0.00183
469911.78	3765777.39	0.00174	469931.78	3765777.39	0.00165
469951.78	3765777.39	0.00157	469351.78	3765797.39	0.00079
469371.78	3765797.39	0.00089	469391.78	3765797.39	0.00102
469411.78	3765797.39	0.00117	469431.78	3765797.39	0.00138
469451.78	3765797.39	0.00166	469471.78	3765797.39	0.00202
469491.78	3765797.39	0.00254	469511.78	3765797.39	0.00332
469771.78	3765797.39	0.00326	469791.78	3765797.39	0.00280
469811.78	3765797.39	0.00259	469831.78	3765797.39	0.00242
469851.78	3765797.39	0.00227	469871.78	3765797.39	0.00214
469891.78	3765797.39	0.00202	469911.78	3765797.39	0.00190
469931.78	3765797.39	0.00179	469951.78	3765797.39	0.00170
469351.78	3765817.39	0.00077	469371.78	3765817.39	0.00086
469391.78	3765817.39	0.00098	469411.78	3765817.39	0.00113
469431.78	3765817.39	0.00134	469451.78	3765817.39	0.00163
469471.78	3765817.39	0.00204	469491.78	3765817.39	0.00269
469511.78	3765817.39	0.00364	469771.78	3765817.39	0.00373
469791.78	3765817.39	0.00306	469811.78	3765817.39	0.00279
469831.78	3765817.39	0.00258	469851.78	3765817.39	0.00241
469871.78	3765817.39	0.00225	469891.78	3765817.39	0.00212
469911.78	3765817.39	0.00199	469931.78	3765817.39	0.00187
469951.78	3765817.39	0.00177	469351.78	3765837.39	0.00075
469371.78	3765837.39	0.00084	469391.78	3765837.39	0.00095
469411.78	3765837.39	0.00110	469431.78	3765837.39	0.00130
469451.78	3765837.39	0.00159	469471.78	3765837.39	0.00200
469491.78	3765837.39	0.00267	469511.78	3765837.39	0.00367
469771.78	3765837.39	0.00361	469791.78	3765837.39	0.00313
469811.78	3765837.39	0.00281	469831.78	3765837.39	0.00259
469851.78	3765837.39	0.00241	469871.78	3765837.39	0.00225
469891.78	3765837.39	0.00212	469911.78	3765837.39	0.00199
469931.78	3765837.39	0.00187	469951.78	3765837.39	0.00176
469351.78	3765857.39	0.00074	469371.78	3765857.39	0.00083
469391.78	3765857.39	0.00094	469411.78	3765857.39	0.00109

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Project DPM Emission Impacts                  \*\*\*      07/03/23  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*                  \*\*\*      16:05:09

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): A0000018 , A0000019 , A0000020 , A0000021 , A0000022 ,  
 A0000023 , A0000024 , IDLE1 , IDLE2 , IDLE3 , IDLE4 , IDLE5 , IDLE6 ,  
 IDLE7 , IDLE8 , IDLE9 , IDLE10 , IDLE11 , IDLE12 , A0000025 , A0000026 ,  
 A0000027 , A0000028 , A0000029 , A0000030 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
469431.78	3765857.39	0.00128	469451.78	3765857.39	0.00154
469471.78	3765857.39	0.00193	469491.78	3765857.39	0.00256
469511.78	3765857.39	0.00344	469531.78	3765857.39	0.00394
469771.78	3765857.39	0.00352	469791.78	3765857.39	0.00297
469811.78	3765857.39	0.00266	469831.78	3765857.39	0.00246
469851.78	3765857.39	0.00230	469871.78	3765857.39	0.00215
469891.78	3765857.39	0.00202	469911.78	3765857.39	0.00190
469931.78	3765857.39	0.00179	469951.78	3765857.39	0.00170
469351.78	3765877.39	0.00074	469371.78	3765877.39	0.00082
469391.78	3765877.39	0.00093	469411.78	3765877.39	0.00107
469431.78	3765877.39	0.00126	469451.78	3765877.39	0.00149
469471.78	3765877.39	0.00184	469491.78	3765877.39	0.00243
469511.78	3765877.39	0.00310	469531.78	3765877.39	0.00370
469771.78	3765877.39	0.00321	469791.78	3765877.39	0.00267
469811.78	3765877.39	0.00242	469831.78	3765877.39	0.00225
469851.78	3765877.39	0.00212	469871.78	3765877.39	0.00200
469891.78	3765877.39	0.00189	469911.78	3765877.39	0.00179
469931.78	3765877.39	0.00170	469951.78	3765877.39	0.00161
469351.78	3765897.39	0.00073	469371.78	3765897.39	0.00082
469391.78	3765897.39	0.00091	469411.78	3765897.39	0.00105
469431.78	3765897.39	0.00122	469451.78	3765897.39	0.00143
469471.78	3765897.39	0.00173	469491.78	3765897.39	0.00222
469511.78	3765897.39	0.00283	469531.78	3765897.39	0.00348
469771.78	3765897.39	0.00273	469791.78	3765897.39	0.00238
469811.78	3765897.39	0.00218	469831.78	3765897.39	0.00205
469851.78	3765897.39	0.00195	469871.78	3765897.39	0.00186
469891.78	3765897.39	0.00177	469911.78	3765897.39	0.00169
469931.78	3765897.39	0.00163	469951.78	3765897.39	0.00156
469351.78	3765917.39	0.00072	469371.78	3765917.39	0.00080
469391.78	3765917.39	0.00090	469411.78	3765917.39	0.00102
469431.78	3765917.39	0.00117	469451.78	3765917.39	0.00134
469471.78	3765917.39	0.00159	469491.78	3765917.39	0.00193
469511.78	3765917.39	0.00247	469531.78	3765917.39	0.00295
469771.78	3765917.39	0.00249	469791.78	3765917.39	0.00224
469811.78	3765917.39	0.00209	469831.78	3765917.39	0.00197
469851.78	3765917.39	0.00190	469871.78	3765917.39	0.00185
469891.78	3765917.39	0.00181	469911.78	3765917.39	0.00177
469931.78	3765917.39	0.00173	469951.78	3765917.39	0.00166
469351.78	3765937.39	0.00071	469371.78	3765937.39	0.00078
469391.78	3765937.39	0.00087	469411.78	3765937.39	0.00098

‡ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Project DPM Emission Impacts

\*\*\* 07/03/23

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): A0000018 , A0000019 , A0000020 , A0000021 , A0000022 ,

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A0000023 , A0000024 , IDLE1 , IDLE2 , IDLE3 , IDLE4 , IDLE5 , IDLE6 ,  
IDLE7 , IDLE8 , IDLE9 , IDLE10 , IDLE11 , IDLE12 , A0000025 , A0000026 ,  
A0000027 , A0000028 , A0000029 , A0000030 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
469431.78	3765937.39	0.00110	469451.78	3765937.39	0.00126
469471.78	3765937.39	0.00143	469491.78	3765937.39	0.00165
469511.78	3765937.39	0.00199	469531.78	3765937.39	0.00231
469771.78	3765937.39	0.00309	469791.78	3765937.39	0.00282
469811.78	3765937.39	0.00246	469831.78	3765937.39	0.00220
469851.78	3765937.39	0.00210	469871.78	3765937.39	0.00220
469891.78	3765937.39	0.00262	469911.78	3765937.39	0.00281
469931.78	3765937.39	0.00254	469951.78	3765937.39	0.00230
469351.78	3765957.39	0.00069	469371.78	3765957.39	0.00076
469391.78	3765957.39	0.00083	469411.78	3765957.39	0.00092
469431.78	3765957.39	0.00103	469451.78	3765957.39	0.00115
469471.78	3765957.39	0.00127	469491.78	3765957.39	0.00142
469511.78	3765957.39	0.00158	469531.78	3765957.39	0.00177
469551.78	3765957.39	0.00196	469571.78	3765957.39	0.00209
469591.78	3765957.39	0.00206	469611.78	3765957.39	0.00205
469631.78	3765957.39	0.00215	469651.78	3765957.39	0.00256
469671.78	3765957.39	0.00321	469691.78	3765957.39	0.00349
469711.78	3765957.39	0.00345	469731.78	3765957.39	0.00331
469751.78	3765957.39	0.00309	469771.78	3765957.39	0.00278
469791.78	3765957.39	0.00286	469811.78	3765957.39	0.00300
469831.78	3765957.39	0.00303	469851.78	3765957.39	0.00304
469871.78	3765957.39	0.00293	469891.78	3765957.39	0.00257
469911.78	3765957.39	0.00238	469931.78	3765957.39	0.00255
469951.78	3765957.39	0.00266	469351.78	3765977.39	0.00067
469371.78	3765977.39	0.00073	469391.78	3765977.39	0.00079
469411.78	3765977.39	0.00086	469431.78	3765977.39	0.00094
469451.78	3765977.39	0.00104	469471.78	3765977.39	0.00113
469491.78	3765977.39	0.00122	469511.78	3765977.39	0.00131
469531.78	3765977.39	0.00139	469551.78	3765977.39	0.00148
469571.78	3765977.39	0.00153	469591.78	3765977.39	0.00156
469611.78	3765977.39	0.00160	469631.78	3765977.39	0.00158
469651.78	3765977.39	0.00164	469671.78	3765977.39	0.00171
469691.78	3765977.39	0.00177	469711.78	3765977.39	0.00180
469731.78	3765977.39	0.00173	469751.78	3765977.39	0.00156
469771.78	3765977.39	0.00151	469791.78	3765977.39	0.00149
469811.78	3765977.39	0.00152	469831.78	3765977.39	0.00159
469851.78	3765977.39	0.00169	469871.78	3765977.39	0.00158
469891.78	3765977.39	0.00143	469911.78	3765977.39	0.00133
469931.78	3765977.39	0.00128	469951.78	3765977.39	0.00127
469351.78	3765997.39	0.00064	469371.78	3765997.39	0.00069

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Project DPM Emission Impacts \*\*\*      07/03/23  
\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*      \*\*\*      16:05:09

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): A0000018 , A0000019 , A0000020 , A0000021 , A0000022 ,  
A0000023 , A0000024 , IDLE1 , IDLE2 , IDLE3 , IDLE4 , IDLE5 , IDLE6 ,  
IDLE7 , IDLE8 , IDLE9 , IDLE10 , IDLE11 , IDLE12 , A0000025 , A0000026 ,  
A0000027 , A0000028 , A0000029 , A0000030 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
469391.78	3765997.39	0.00074	469411.78	3765997.39	0.00080
469431.78	3765997.39	0.00087	469451.78	3765997.39	0.00094
469471.78	3765997.39	0.00100	469491.78	3765997.39	0.00106
469511.78	3765997.39	0.00112	469531.78	3765997.39	0.00116
469551.78	3765997.39	0.00119	469571.78	3765997.39	0.00120
469591.78	3765997.39	0.00121	469611.78	3765997.39	0.00123
469631.78	3765997.39	0.00126	469651.78	3765997.39	0.00127
469671.78	3765997.39	0.00126	469691.78	3765997.39	0.00124
469711.78	3765997.39	0.00119	469731.78	3765997.39	0.00111
469751.78	3765997.39	0.00107	469771.78	3765997.39	0.00106
469791.78	3765997.39	0.00104	469811.78	3765997.39	0.00103
469831.78	3765997.39	0.00101	469851.78	3765997.39	0.00099
469871.78	3765997.39	0.00096	469891.78	3765997.39	0.00094
469911.78	3765997.39	0.00091	469931.78	3765997.39	0.00088
469951.78	3765997.39	0.00086	469351.78	3766017.39	0.00061
469371.78	3766017.39	0.00065	469391.78	3766017.39	0.00069
469411.78	3766017.39	0.00074	469431.78	3766017.39	0.00080
469451.78	3766017.39	0.00085	469471.78	3766017.39	0.00089
469491.78	3766017.39	0.00093	469511.78	3766017.39	0.00096
469531.78	3766017.39	0.00098	469551.78	3766017.39	0.00099
469571.78	3766017.39	0.00099	469591.78	3766017.39	0.00100
469611.78	3766017.39	0.00100	469631.78	3766017.39	0.00100
469651.78	3766017.39	0.00098	469671.78	3766017.39	0.00096
469691.78	3766017.39	0.00093	469711.78	3766017.39	0.00089
469731.78	3766017.39	0.00085	469751.78	3766017.39	0.00083
469771.78	3766017.39	0.00082	469791.78	3766017.39	0.00081
469811.78	3766017.39	0.00079	469831.78	3766017.39	0.00077
469851.78	3766017.39	0.00074	469871.78	3766017.39	0.00072
469891.78	3766017.39	0.00071	469911.78	3766017.39	0.00069
469931.78	3766017.39	0.00067	469951.78	3766017.39	0.00066
469351.78	3766037.39	0.00058	469371.78	3766037.39	0.00061
469391.78	3766037.39	0.00065	469411.78	3766037.39	0.00068
469431.78	3766037.39	0.00073	469451.78	3766037.39	0.00077
469471.78	3766037.39	0.00080	469491.78	3766037.39	0.00082
469511.78	3766037.39	0.00083	469531.78	3766037.39	0.00084
469551.78	3766037.39	0.00085	469571.78	3766037.39	0.00085
469591.78	3766037.39	0.00085	469611.78	3766037.39	0.00085
469631.78	3766037.39	0.00084	469651.78	3766037.39	0.00082
469671.78	3766037.39	0.00079	469691.78	3766037.39	0.00077
469711.78	3766037.39	0.00074	469731.78	3766037.39	0.00072

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Project DPM Emission Impacts

\*\*\* 07/03/23

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): A0000018 ,A0000019 ,A0000020 ,A0000021 ,A0000022 ,  
 A0000023 ,A0000024 ,IDLE1 ,IDLE2 ,IDLE3 ,IDLE4 ,IDLE5 ,IDLE6 ,  
 IDLE7 ,IDLE8 ,IDLE9 ,IDLE10 ,IDLE11 ,IDLE12 ,A0000025 ,A0000026 ,  
 A0000027 ,A0000028 ,A0000029 ,A0000030 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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469751.78	3766037.39	0.00069	469771.78	3766037.39	0.00068
469791.78	3766037.39	0.00066	469811.78	3766037.39	0.00065
469831.78	3766037.39	0.00063	469851.78	3766037.39	0.00061
469871.78	3766037.39	0.00059	469891.78	3766037.39	0.00057
469911.78	3766037.39	0.00056	469931.78	3766037.39	0.00054
469951.78	3766037.39	0.00053	469351.78	3766057.39	0.00055
469371.78	3766057.39	0.00058	469391.78	3766057.39	0.00061
469411.78	3766057.39	0.00064	469431.78	3766057.39	0.00067
469451.78	3766057.39	0.00069	469471.78	3766057.39	0.00071
469491.78	3766057.39	0.00072	469511.78	3766057.39	0.00072
469531.78	3766057.39	0.00072	469551.78	3766057.39	0.00073
469571.78	3766057.39	0.00074	469591.78	3766057.39	0.00075
469611.78	3766057.39	0.00074	469631.78	3766057.39	0.00073
469651.78	3766057.39	0.00071	469671.78	3766057.39	0.00069
469691.78	3766057.39	0.00068	469711.78	3766057.39	0.00065
469731.78	3766057.39	0.00062	469751.78	3766057.39	0.00060
469771.78	3766057.39	0.00059	469791.78	3766057.39	0.00057
469811.78	3766057.39	0.00055	469831.78	3766057.39	0.00053
469851.78	3766057.39	0.00052	469871.78	3766057.39	0.00050
469891.78	3766057.39	0.00049	469911.78	3766057.39	0.00047
469931.78	3766057.39	0.00045	469951.78	3766057.39	0.00044
469351.78	3766077.39	0.00051	469371.78	3766077.39	0.00054
469391.78	3766077.39	0.00056	469411.78	3766077.39	0.00059
469431.78	3766077.39	0.00061	469451.78	3766077.39	0.00063
469471.78	3766077.39	0.00064	469491.78	3766077.39	0.00064
469511.78	3766077.39	0.00063	469531.78	3766077.39	0.00063
469551.78	3766077.39	0.00063	469571.78	3766077.39	0.00064
469591.78	3766077.39	0.00066	469611.78	3766077.39	0.00066
469631.78	3766077.39	0.00066	469651.78	3766077.39	0.00064
469671.78	3766077.39	0.00062	469691.78	3766077.39	0.00061
469711.78	3766077.39	0.00058	469731.78	3766077.39	0.00056
469751.78	3766077.39	0.00053	469771.78	3766077.39	0.00052
469791.78	3766077.39	0.00050	469811.78	3766077.39	0.00049
469831.78	3766077.39	0.00047	469851.78	3766077.39	0.00045
469871.78	3766077.39	0.00044	469891.78	3766077.39	0.00043
469911.78	3766077.39	0.00041	469931.78	3766077.39	0.00039
469951.78	3766077.39	0.00038	469351.78	3766097.39	0.00048
469371.78	3766097.39	0.00050	469391.78	3766097.39	0.00052
469411.78	3766097.39	0.00054	469431.78	3766097.39	0.00056
469451.78	3766097.39	0.00057	469471.78	3766097.39	0.00058

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Project DPM Emission Impacts

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): A0000018 , A0000019 , A0000020 , A0000021 , A0000022 ,  
A0000023 , A0000024 , IDLE1 , IDLE2 , IDLE3 , IDLE4 , IDLE5 , IDLE6 ,  
IDLE7 , IDLE8 , IDLE9 , IDLE10 , IDLE11 , IDLE12 , A0000025 , A0000026 ,  
A0000027 , A0000028 , A0000029 , A0000030 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
469491.78	3766097.39	0.00058	469511.78	3766097.39	0.00056
469531.78	3766097.39	0.00056	469551.78	3766097.39	0.00057
469571.78	3766097.39	0.00057	469591.78	3766097.39	0.00058
469611.78	3766097.39	0.00059	469631.78	3766097.39	0.00059
469651.78	3766097.39	0.00058	469671.78	3766097.39	0.00056

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469691.78	3766097.39	0.00055	469711.78	3766097.39	0.00052
469731.78	3766097.39	0.00050	469751.78	3766097.39	0.00048
469771.78	3766097.39	0.00047	469791.78	3766097.39	0.00045
469811.78	3766097.39	0.00044	469831.78	3766097.39	0.00042
469851.78	3766097.39	0.00041	469871.78	3766097.39	0.00040
469891.78	3766097.39	0.00038	469911.78	3766097.39	0.00036
469931.78	3766097.39	0.00035	469951.78	3766097.39	0.00034
469951.78	3766117.39	0.00045	469371.78	3766117.39	0.00047
469391.78	3766117.39	0.00049	469411.78	3766117.39	0.00050
469431.78	3766117.39	0.00051	469451.78	3766117.39	0.00052
469471.78	3766117.39	0.00052	469491.78	3766117.39	0.00052
469511.78	3766117.39	0.00051	469531.78	3766117.39	0.00051
469551.78	3766117.39	0.00051	469571.78	3766117.39	0.00052
469591.78	3766117.39	0.00052	469611.78	3766117.39	0.00053
469631.78	3766117.39	0.00053	469651.78	3766117.39	0.00052
469671.78	3766117.39	0.00051	469691.78	3766117.39	0.00050
469711.78	3766117.39	0.00048	469731.78	3766117.39	0.00046
469751.78	3766117.39	0.00044	469771.78	3766117.39	0.00043
469791.78	3766117.39	0.00041	469811.78	3766117.39	0.00040
469831.78	3766117.39	0.00038	469851.78	3766117.39	0.00037
469871.78	3766117.39	0.00036	469891.78	3766117.39	0.00034
469911.78	3766117.39	0.00033	469931.78	3766117.39	0.00032
469951.78	3766117.39	0.00031	469351.78	3766137.39	0.00042
469371.78	3766137.39	0.00044	469391.78	3766137.39	0.00045
469411.78	3766137.39	0.00046	469431.78	3766137.39	0.00047
469451.78	3766137.39	0.00047	469471.78	3766137.39	0.00047
469491.78	3766137.39	0.00047	469511.78	3766137.39	0.00047
469531.78	3766137.39	0.00046	469551.78	3766137.39	0.00046
469571.78	3766137.39	0.00047	469591.78	3766137.39	0.00047
469611.78	3766137.39	0.00048	469631.78	3766137.39	0.00048
469651.78	3766137.39	0.00047	469671.78	3766137.39	0.00047
469691.78	3766137.39	0.00046	469711.78	3766137.39	0.00044
469731.78	3766137.39	0.00042	469751.78	3766137.39	0.00041
469771.78	3766137.39	0.00040	469791.78	3766137.39	0.00038
469811.78	3766137.39	0.00037	469831.78	3766137.39	0.00035

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Project DPM Emission Impacts \*\*\* 07/03/23  
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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): A0000018 ,A0000019 ,A0000020 ,A0000021 ,A0000022 ,  
 A0000023 ,A0000024 ,IDLE1 ,IDLE2 ,IDLE3 ,IDLE4 ,IDLE5 ,IDLE6 ,  
 IDLE7 ,IDLE8 ,IDLE9 ,IDLE10 ,IDLE11 ,IDLE12 ,A0000025 ,A0000026 ,  
 A0000027 ,A0000028 ,A0000029 ,A0000030 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
469851.78	3766137.39	0.00034	469871.78	3766137.39	0.00033
469891.78	3766137.39	0.00032	469911.78	3766137.39	0.00030
469931.78	3766137.39	0.00029	469951.78	3766137.39	0.00028
469051.78	3765277.39	0.00018	469101.78	3765277.39	0.00018
469151.78	3765277.39	0.00018	469201.78	3765277.39	0.00017
469251.78	3765277.39	0.00017	469301.78	3765277.39	0.00016
469351.78	3765277.39	0.00016	469401.78	3765277.39	0.00016
469451.78	3765277.39	0.00016	469501.78	3765277.39	0.00015
469551.78	3765277.39	0.00015	469601.78	3765277.39	0.00014
469651.78	3765277.39	0.00014	469701.78	3765277.39	0.00013

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469751.78	3765277.39	0.00014	469801.78	3765277.39	0.00013
469851.78	3765277.39	0.00013	469901.78	3765277.39	0.00012
469951.78	3765277.39	0.00012	470001.78	3765277.39	0.00011
470051.78	3765277.39	0.00011	470101.78	3765277.39	0.00011
470151.78	3765277.39	0.00010	470201.78	3765277.39	0.00010
470251.78	3765277.39	0.00010	469051.78	3765327.39	0.00020
469101.78	3765327.39	0.00021	469151.78	3765327.39	0.00021
469201.78	3765327.39	0.00020	469251.78	3765327.39	0.00020
469301.78	3765327.39	0.00019	469351.78	3765327.39	0.00019
469401.78	3765327.39	0.00018	469451.78	3765327.39	0.00018
469501.78	3765327.39	0.00018	469551.78	3765327.39	0.00017
469601.78	3765327.39	0.00017	469651.78	3765327.39	0.00016
469701.78	3765327.39	0.00016	469751.78	3765327.39	0.00016
469801.78	3765327.39	0.00016	469851.78	3765327.39	0.00015
469901.78	3765327.39	0.00015	469951.78	3765327.39	0.00014
470001.78	3765327.39	0.00013	470051.78	3765327.39	0.00013
470101.78	3765327.39	0.00013	470151.78	3765327.39	0.00012
470201.78	3765327.39	0.00012	470251.78	3765327.39	0.00012
469051.78	3765377.39	0.00024	469101.78	3765377.39	0.00024
469151.78	3765377.39	0.00025	469201.78	3765377.39	0.00024
469251.78	3765377.39	0.00024	469301.78	3765377.39	0.00023
469351.78	3765377.39	0.00023	469401.78	3765377.39	0.00022
469451.78	3765377.39	0.00021	469501.78	3765377.39	0.00021
469551.78	3765377.39	0.00020	469601.78	3765377.39	0.00019
469651.78	3765377.39	0.00018	469701.78	3765377.39	0.00019
469751.78	3765377.39	0.00018	469801.78	3765377.39	0.00018
469851.78	3765377.39	0.00017	469901.78	3765377.39	0.00017
469951.78	3765377.39	0.00016	470001.78	3765377.39	0.00016
470051.78	3765377.39	0.00016	470101.78	3765377.39	0.00015
470151.78	3765377.39	0.00015	470201.78	3765377.39	0.00014

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Project DPM Emission Impacts \*\*\* 07/03/23  
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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): A0000018 , A0000019 , A0000020 , A0000021 , A0000022 ,  
 A0000023 , A0000024 , IDLE1 , IDLE2 , IDLE3 , IDLE4 , IDLE5 , IDLE6 ,  
 IDLE7 , IDLE8 , IDLE9 , IDLE10 , IDLE11 , IDLE12 , A0000025 , A0000026 ,  
 A0000027 , A0000028 , A0000029 , A0000030 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
470251.78	3765377.39	0.00014	469051.78	3765427.39	0.00027
469101.78	3765427.39	0.00028	469151.78	3765427.39	0.00029
469201.78	3765427.39	0.00029	469251.78	3765427.39	0.00029
469301.78	3765427.39	0.00028	469351.78	3765427.39	0.00027
469401.78	3765427.39	0.00027	469451.78	3765427.39	0.00026
469501.78	3765427.39	0.00025	469551.78	3765427.39	0.00024
469601.78	3765427.39	0.00023	469651.78	3765427.39	0.00022
469701.78	3765427.39	0.00022	469751.78	3765427.39	0.00021
469801.78	3765427.39	0.00021	469851.78	3765427.39	0.00021
469901.78	3765427.39	0.00020	469951.78	3765427.39	0.00020
470001.78	3765427.39	0.00020	470051.78	3765427.39	0.00019
470101.78	3765427.39	0.00019	470151.78	3765427.39	0.00018
470201.78	3765427.39	0.00017	470251.78	3765427.39	0.00017
469051.78	3765477.39	0.00030	469101.78	3765477.39	0.00032
469151.78	3765477.39	0.00034	469201.78	3765477.39	0.00035

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469251.78	3765477.39	0.00035	469301.78	3765477.39	0.00035
469351.78	3765477.39	0.00033	469401.78	3765477.39	0.00032
469451.78	3765477.39	0.00031	469501.78	3765477.39	0.00030
469551.78	3765477.39	0.00028	469601.78	3765477.39	0.00027
469651.78	3765477.39	0.00025	469701.78	3765477.39	0.00026
469751.78	3765477.39	0.00027	469801.78	3765477.39	0.00026
469851.78	3765477.39	0.00025	469901.78	3765477.39	0.00025
469951.78	3765477.39	0.00025	470001.78	3765477.39	0.00024
470051.78	3765477.39	0.00023	470101.78	3765477.39	0.00023
470151.78	3765477.39	0.00022	470201.78	3765477.39	0.00022
470251.78	3765477.39	0.00021	469051.78	3765527.39	0.00033
469101.78	3765527.39	0.00036	469151.78	3765527.39	0.00038
469201.78	3765527.39	0.00041	469251.78	3765527.39	0.00042
469301.78	3765527.39	0.00043	469351.78	3765527.39	0.00042
469401.78	3765527.39	0.00040	469451.78	3765527.39	0.00038
469501.78	3765527.39	0.00037	469551.78	3765527.39	0.00034
469601.78	3765527.39	0.00032	469651.78	3765527.39	0.00031
469701.78	3765527.39	0.00031	469751.78	3765527.39	0.00032
469801.78	3765527.39	0.00033	469851.78	3765527.39	0.00032
469901.78	3765527.39	0.00032	469951.78	3765527.39	0.00032
470001.78	3765527.39	0.00031	470051.78	3765527.39	0.00030
470101.78	3765527.39	0.00029	470151.78	3765527.39	0.00028
470201.78	3765527.39	0.00027	470251.78	3765527.39	0.00026
469051.78	3765577.39	0.00036	469101.78	3765577.39	0.00039
469151.78	3765577.39	0.00042	469201.78	3765577.39	0.00046

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Project DPM Emission Impacts \*\*\* 07/03/23  
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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): A0000018 , A0000019 , A0000020 , A0000021 , A0000022 ,  
 A0000023 , A0000024 , IDLE1 , IDLE2 , IDLE3 , IDLE4 , IDLE5 , IDLE6 ,  
 IDLE7 , IDLE8 , IDLE9 , IDLE10 , IDLE11 , IDLE12 , A0000025 , A0000026 ,  
 A0000027 , A0000028 , A0000029 , A0000030 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
469251.78	3765577.39	0.00050	469301.78	3765577.39	0.00053
470001.78	3765577.39	0.00041	470051.78	3765577.39	0.00039
470101.78	3765577.39	0.00038	470151.78	3765577.39	0.00036
470201.78	3765577.39	0.00034	470251.78	3765577.39	0.00033
469051.78	3765627.39	0.00038	469101.78	3765627.39	0.00041
469151.78	3765627.39	0.00045	469201.78	3765627.39	0.00050
469251.78	3765627.39	0.00056	469301.78	3765627.39	0.00062
470001.78	3765627.39	0.00055	470051.78	3765627.39	0.00052
470101.78	3765627.39	0.00049	470151.78	3765627.39	0.00047
470201.78	3765627.39	0.00044	470251.78	3765627.39	0.00042
469051.78	3765677.39	0.00039	469101.78	3765677.39	0.00042
469151.78	3765677.39	0.00046	469201.78	3765677.39	0.00052
469251.78	3765677.39	0.00060	469301.78	3765677.39	0.00069
470001.78	3765677.39	0.00075	470051.78	3765677.39	0.00070
470101.78	3765677.39	0.00066	470151.78	3765677.39	0.00062
470201.78	3765677.39	0.00057	470251.78	3765677.39	0.00052
469051.78	3765727.39	0.00038	469101.78	3765727.39	0.00041
469151.78	3765727.39	0.00045	469201.78	3765727.39	0.00051
469251.78	3765727.39	0.00059	469301.78	3765727.39	0.00070
470001.78	3765727.39	0.00105	470051.78	3765727.39	0.00096

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470101.78	3765727.39	0.00088	470151.78	3765727.39	0.00080
470201.78	3765727.39	0.00072	470251.78	3765727.39	0.00064
469051.78	3765777.39	0.00035	469101.78	3765777.39	0.00040
469151.78	3765777.39	0.00043	469201.78	3765777.39	0.00048
469251.78	3765777.39	0.00054	469301.78	3765777.39	0.00065
470001.78	3765777.39	0.00139	470051.78	3765777.39	0.00123
470101.78	3765777.39	0.00110	470151.78	3765777.39	0.00097
470201.78	3765777.39	0.00086	470251.78	3765777.39	0.00076
469051.78	3765827.39	0.00033	469101.78	3765827.39	0.00038
469151.78	3765827.39	0.00041	469201.78	3765827.39	0.00045
469251.78	3765827.39	0.00051	469301.78	3765827.39	0.00060
470001.78	3765827.39	0.00154	470051.78	3765827.39	0.00135
470101.78	3765827.39	0.00119	470151.78	3765827.39	0.00104
470201.78	3765827.39	0.00091	470251.78	3765827.39	0.00079
469051.78	3765877.39	0.00031	469101.78	3765877.39	0.00036
469151.78	3765877.39	0.00040	469201.78	3765877.39	0.00044
469251.78	3765877.39	0.00049	469301.78	3765877.39	0.00058
470001.78	3765877.39	0.00141	470051.78	3765877.39	0.00124
470101.78	3765877.39	0.00110	470151.78	3765877.39	0.00097
470201.78	3765877.39	0.00084	470251.78	3765877.39	0.00073

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Project DPM Emission Impacts \*\*\* 07/03/23  
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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): A0000018 , A0000019 , A0000020 , A0000021 , A0000022 ,  
 A0000023 , A0000024 , IDLE1 , IDLE2 , IDLE3 , IDLE4 , IDLE5 , IDLE6 ,  
 IDLE7 , IDLE8 , IDLE9 , IDLE10 , IDLE11 , IDLE12 , A0000025 , A0000026 ,  
 A0000027 , A0000028 , A0000029 , A0000030 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
469051.78	3765927.39	0.00029	469101.78	3765927.39	0.00034
469151.78	3765927.39	0.00039	469201.78	3765927.39	0.00043
469251.78	3765927.39	0.00048	469301.78	3765927.39	0.00057
470001.78	3765927.39	0.00163	470051.78	3765927.39	0.00135
470101.78	3765927.39	0.00106	470151.78	3765927.39	0.00083
470201.78	3765927.39	0.00069	470251.78	3765927.39	0.00060
469051.78	3765977.39	0.00028	469101.78	3765977.39	0.00032
469151.78	3765977.39	0.00038	469201.78	3765977.39	0.00042
469251.78	3765977.39	0.00047	469301.78	3765977.39	0.00054
470001.78	3765977.39	0.00124	470051.78	3765977.39	0.00110
470101.78	3765977.39	0.00081	470151.78	3765977.39	0.00062
470201.78	3765977.39	0.00053	470251.78	3765977.39	0.00046
469051.78	3766027.39	0.00026	469101.78	3766027.39	0.00030
469151.78	3766027.39	0.00036	469201.78	3766027.39	0.00040
469251.78	3766027.39	0.00045	469301.78	3766027.39	0.00050
470001.78	3766027.39	0.00055	470051.78	3766027.39	0.00050
470101.78	3766027.39	0.00046	470151.78	3766027.39	0.00041
470201.78	3766027.39	0.00037	470251.78	3766027.39	0.00033
469051.78	3766077.39	0.00024	469101.78	3766077.39	0.00029
469151.78	3766077.39	0.00034	469201.78	3766077.39	0.00037
469251.78	3766077.39	0.00041	469301.78	3766077.39	0.00045
470001.78	3766077.39	0.00036	470051.78	3766077.39	0.00034
470101.78	3766077.39	0.00032	470151.78	3766077.39	0.00030
470201.78	3766077.39	0.00027	470251.78	3766077.39	0.00024
469051.78	3766127.39	0.00023	469101.78	3766127.39	0.00026

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469151.78	3766127.39	0.00031	469201.78	3766127.39	0.00034
469251.78	3766127.39	0.00037	469301.78	3766127.39	0.00040
470001.78	3766127.39	0.00027	470051.78	3766127.39	0.00025
470101.78	3766127.39	0.00023	470151.78	3766127.39	0.00022
470201.78	3766127.39	0.00020	470251.78	3766127.39	0.00018
469051.78	3766177.39	0.00021	469101.78	3766177.39	0.00024
469151.78	3766177.39	0.00027	469201.78	3766177.39	0.00031
469251.78	3766177.39	0.00033	469301.78	3766177.39	0.00035
469351.78	3766177.39	0.00037	469401.78	3766177.39	0.00039
469451.78	3766177.39	0.00040	469501.78	3766177.39	0.00039
469551.78	3766177.39	0.00039	469601.78	3766177.39	0.00040
469651.78	3766177.39	0.00040	469701.78	3766177.39	0.00038
469751.78	3766177.39	0.00035	469801.78	3766177.39	0.00032
469851.78	3766177.39	0.00029	469901.78	3766177.39	0.00027
469951.78	3766177.39	0.00024	470001.78	3766177.39	0.00022

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Project DPM Emission Impacts \*\*\* 07/03/23

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): A0000018 , A0000019 , A0000020 , A0000021 , A0000022 ,  
 A0000023 , A0000024 , IDLE1 , IDLE2 , IDLE3 , IDLE4 , IDLE5 , IDLE6 ,  
 IDLE7 , IDLE8 , IDLE9 , IDLE10 , IDLE11 , IDLE12 , A0000025 , A0000026 ,  
 A0000027 , A0000028 , A0000029 , A0000030 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
470051.78	3766177.39	0.00020	470101.78	3766177.39	0.00019
470151.78	3766177.39	0.00017	470201.78	3766177.39	0.00016
470251.78	3766177.39	0.00015	469051.78	3766227.39	0.00019
469101.78	3766227.39	0.00021	469151.78	3766227.39	0.00024
469201.78	3766227.39	0.00027	469251.78	3766227.39	0.00029
469301.78	3766227.39	0.00030	469351.78	3766227.39	0.00032
469401.78	3766227.39	0.00032	469451.78	3766227.39	0.00032
469501.78	3766227.39	0.00032	469551.78	3766227.39	0.00033
469601.78	3766227.39	0.00033	469651.78	3766227.39	0.00034
469701.78	3766227.39	0.00032	469751.78	3766227.39	0.00030
469801.78	3766227.39	0.00027	469851.78	3766227.39	0.00025
469901.78	3766227.39	0.00023	469951.78	3766227.39	0.00020
470001.78	3766227.39	0.00019	470051.78	3766227.39	0.00017
470101.78	3766227.39	0.00015	470151.78	3766227.39	0.00014
470201.78	3766227.39	0.00013	470251.78	3766227.39	0.00012
469051.78	3766277.39	0.00017	469101.78	3766277.39	0.00019
469151.78	3766277.39	0.00021	469201.78	3766277.39	0.00024
469251.78	3766277.39	0.00025	469301.78	3766277.39	0.00026
469351.78	3766277.39	0.00027	469401.78	3766277.39	0.00027
469451.78	3766277.39	0.00027	469501.78	3766277.39	0.00027
469551.78	3766277.39	0.00027	469601.78	3766277.39	0.00027
469651.78	3766277.39	0.00028	469701.78	3766277.39	0.00028
469751.78	3766277.39	0.00025	469801.78	3766277.39	0.00023
469851.78	3766277.39	0.00021	469901.78	3766277.39	0.00019
469951.78	3766277.39	0.00018	470001.78	3766277.39	0.00016
470051.78	3766277.39	0.00015	470101.78	3766277.39	0.00014
470151.78	3766277.39	0.00012	470201.78	3766277.39	0.00011
470251.78	3766277.39	0.00011	469051.78	3766327.39	0.00015
469101.78	3766327.39	0.00017	469151.78	3766327.39	0.00019
469201.78	3766327.39	0.00021	469251.78	3766327.39	0.00022

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469301.78	3766327.39	0.00022	469351.78	3766327.39	0.00023
469401.78	3766327.39	0.00023	469451.78	3766327.39	0.00023
469501.78	3766327.39	0.00022	469551.78	3766327.39	0.00022
469601.78	3766327.39	0.00022	469651.78	3766327.39	0.00023
469701.78	3766327.39	0.00024	469751.78	3766327.39	0.00022
469801.78	3766327.39	0.00020	469851.78	3766327.39	0.00018
469901.78	3766327.39	0.00017	469951.78	3766327.39	0.00016
470001.78	3766327.39	0.00014	470051.78	3766327.39	0.00013
470101.78	3766327.39	0.00012	470151.78	3766327.39	0.00011
470201.78	3766327.39	0.00010	470251.78	3766327.39	0.00010

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): A0000018 , A0000019 , A0000020 , A0000021 , A0000022 ,  
 A0000023 , A0000024 , IDLE1 , IDLE2 , IDLE3 , IDLE4 , IDLE5 , IDLE6 ,  
 IDLE7 , IDLE8 , IDLE9 , IDLE10 , IDLE11 , IDLE12 , A0000025 , A0000026 ,  
 A0000027 , A0000028 , A0000029 , A0000030 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
469051.78	3766377.39	0.00014	469101.78	3766377.39	0.00015
469151.78	3766377.39	0.00017	469201.78	3766377.39	0.00018
469251.78	3766377.39	0.00019	469301.78	3766377.39	0.00019
469351.78	3766377.39	0.00019	469401.78	3766377.39	0.00019
469451.78	3766377.39	0.00020	469501.78	3766377.39	0.00019
469551.78	3766377.39	0.00019	469601.78	3766377.39	0.00019
469651.78	3766377.39	0.00019	469701.78	3766377.39	0.00021
469751.78	3766377.39	0.00019	469801.78	3766377.39	0.00017
469851.78	3766377.39	0.00016	469901.78	3766377.39	0.00014
469951.78	3766377.39	0.00014	470001.78	3766377.39	0.00013
470051.78	3766377.39	0.00012	470101.78	3766377.39	0.00011
470151.78	3766377.39	0.00010	470201.78	3766377.39	0.00009
470251.78	3766377.39	0.00008	469051.78	3766427.39	0.00012
469101.78	3766427.39	0.00013	469151.78	3766427.39	0.00015
469201.78	3766427.39	0.00017	469251.78	3766427.39	0.00017
469301.78	3766427.39	0.00017	469351.78	3766427.39	0.00016
469401.78	3766427.39	0.00016	469451.78	3766427.39	0.00016
469501.78	3766427.39	0.00016	469551.78	3766427.39	0.00016
469601.78	3766427.39	0.00016	469651.78	3766427.39	0.00016
469701.78	3766427.39	0.00018	469751.78	3766427.39	0.00017
469801.78	3766427.39	0.00015	469851.78	3766427.39	0.00014
469901.78	3766427.39	0.00013	469951.78	3766427.39	0.00012
470001.78	3766427.39	0.00013	470051.78	3766427.39	0.00013
470101.78	3766427.39	0.00010	470151.78	3766427.39	0.00009
470201.78	3766427.39	0.00008	470251.78	3766427.39	0.00007
469541.39	3765896.87	0.00394			

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Project DPM Emission Impacts \*\*\* 07/03/23  
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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): A0000018 , A0000019 , A0000020 , A0000021 , A0000022 ,  
 A0000023 , A0000024 , IDLE1 , IDLE2 , IDLE3 , IDLE4 , IDLE5 , IDLE6 ,

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

X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC
469491.78	3765617.39	0.01627 (12111724)	469511.78	3765617.39	0.01696 (15040423)
469531.78	3765617.39	0.01790 (15082503)	469551.78	3765617.39	0.01874 (12080606)
469571.78	3765617.39	0.01944 (12101620)	469591.78	3765617.39	0.01949 (12092220)
469611.78	3765617.39	0.01824 (12092220)	469631.78	3765617.39	0.01747 (15092201)
469651.78	3765617.39	0.01756 (13080406)	469671.78	3765617.39	0.01790 (15082404)
469691.78	3765617.39	0.01842 (12081404)	469711.78	3765617.39	0.01796 (15091124)
469731.78	3765617.39	0.01833 (14080423)	469751.78	3765617.39	0.01818 (14072702)
469771.78	3765617.39	0.01766 (13080723)	469791.78	3765617.39	0.01750 (12082622)
469811.78	3765617.39	0.01727 (12082622)	469831.78	3765617.39	0.01683 (13070824)
469851.78	3765617.39	0.01633 (12090423)	469871.78	3765617.39	0.01620 (15101323)
469891.78	3765617.39	0.01625 (15101323)	469911.78	3765617.39	0.01586 (13090723)
469931.78	3765617.39	0.01553 (13090723)	469951.78	3765617.39	0.01500 (15082624)
469351.78	3765637.39	0.01085 (15092503)	469371.78	3765637.39	0.01155 (15092503)
469391.78	3765637.39	0.01181 (12092120)	469411.78	3765637.39	0.01359 (15081704)
469431.78	3765637.39	0.01457 (15081704)	469451.78	3765637.39	0.01532 (14091520)
469471.78	3765637.39	0.01632 (14081702)	469491.78	3765637.39	0.01704 (14081702)
469511.78	3765637.39	0.01732 (15040423)	469531.78	3765637.39	0.01882 (15082503)
469551.78	3765637.39	0.01965 (12080606)	469571.78	3765637.39	0.02055 (12101620)
469591.78	3765637.39	0.02058 (12092220)	469611.78	3765637.39	0.01887 (12092220)
469631.78	3765637.39	0.01860 (15092201)	469651.78	3765637.39	0.01866 (13080406)
469671.78	3765637.39	0.01927 (12081404)	469691.78	3765637.39	0.01915 (15091124)
469711.78	3765637.39	0.01917 (14080423)	469731.78	3765637.39	0.01921 (14072702)
469751.78	3765637.39	0.01863 (13080723)	469771.78	3765637.39	0.01846 (12082622)
469791.78	3765637.39	0.01817 (12082622)	469811.78	3765637.39	0.01758 (13082102)
469831.78	3765637.39	0.01717 (12090423)	469851.78	3765637.39	0.01715 (15101323)
469871.78	3765637.39	0.01697 (15101323)	469891.78	3765637.39	0.01665 (13090723)
469911.78	3765637.39	0.01609 (13090723)	469931.78	3765637.39	0.01570 (12082721)
469951.78	3765637.39	0.01525 (13070221)	469351.78	3765657.39	0.01010 (13112023)
469371.78	3765657.39	0.01136 (15092503)	469391.78	3765657.39	0.01211 (15092503)
469411.78	3765657.39	0.01262 (12092120)	469431.78	3765657.39	0.01483 (15081704)
469451.78	3765657.39	0.01540 (14091520)	469471.78	3765657.39	0.01630 (14091520)
469491.78	3765657.39	0.01806 (14081702)	469511.78	3765657.39	0.01819 (14082103)
469531.78	3765657.39	0.01963 (15082503)	469551.78	3765657.39	0.02051 (12080606)
469571.78	3765657.39	0.02164 (12101620)	469591.78	3765657.39	0.02162 (12092220)
469611.78	3765657.39	0.01938 (12092220)	469631.78	3765657.39	0.01962 (15092201)
469651.78	3765657.39	0.01987 (12081404)	469671.78	3765657.39	0.02040 (12081404)
469691.78	3765657.39	0.01993 (14080423)	469711.78	3765657.39	0.02026 (14072702)
469731.78	3765657.39	0.01971 (14072702)	469751.78	3765657.39	0.01945 (12082622)
469771.78	3765657.39	0.01909 (12082622)	469791.78	3765657.39	0.01852 (13082102)
469811.78	3765657.39	0.01805 (12090423)	469831.78	3765657.39	0.01809 (15101323)

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Project DPM Emission Impacts \*\*\* 07/03/23

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): A0000018 ,A0000019 ,A0000020 ,A0000021 ,A0000022 ,  
A0000023 ,A0000024 ,IDLE1 ,IDLE2 ,IDLE3 ,IDLE4 ,IDLE5 ,IDLE6 ,  
IDLE7 ,IDLE8 ,IDLE9 ,IDLE10 ,IDLE11 ,IDLE12 ,A0000025 ,A0000026 ,  
A0000027 ,A0000028 ,A0000029 ,A0000030 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC

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(YYMMDDHH)

469851.78	3765657.39	0.01774 (13090723)	469871.78	3765657.39	0.01733 (13090723)
469891.78	3765657.39	0.01684 (12082721)	469911.78	3765657.39	0.01642 (13070221)
469931.78	3765657.39	0.01626 (12091101)	469951.78	3765657.39	0.01624 (12091101)
469351.78	3765677.39	0.00961 (13090623)	469371.78	3765677.39	0.01053 (13112023)
469391.78	3765677.39	0.01200 (15092503)	469411.78	3765677.39	0.01292 (13082701)
469431.78	3765677.39	0.01413 (15081704)	469451.78	3765677.39	0.01626 (15081704)
469471.78	3765677.39	0.01710 (14091520)	469491.78	3765677.39	0.01854 (14081702)
469511.78	3765677.39	0.01924 (12111724)	469531.78	3765677.39	0.02030 (15082503)
469551.78	3765677.39	0.02133 (12080606)	469571.78	3765677.39	0.02272 (12101620)
469591.78	3765677.39	0.02260 (12092220)	469611.78	3765677.39	0.02042 (15092201)
469631.78	3765677.39	0.02223 (13083101)	469651.78	3765677.39	0.02228 (12081404)
469671.78	3765677.39	0.02234 (12041421)	469691.78	3765677.39	0.02130 (14072702)
469711.78	3765677.39	0.02096 (14072702)	469731.78	3765677.39	0.02051 (12082622)
469751.78	3765677.39	0.02010 (12082622)	469771.78	3765677.39	0.01951 (13082102)
469791.78	3765677.39	0.01918 (14072603)	469811.78	3765677.39	0.01901 (14072603)
469831.78	3765677.39	0.01862 (13090723)	469851.78	3765677.39	0.01805 (12082721)
469871.78	3765677.39	0.01763 (12082721)	469891.78	3765677.39	0.01744 (12091101)
469911.78	3765677.39	0.01741 (12091101)	469931.78	3765677.39	0.01708 (12091101)
469951.78	3765677.39	0.01645 (12091101)	469951.78	3765697.39	0.01000 (12082822)
469371.78	3765697.39	0.01027 (12082822)	469391.78	3765697.39	0.01117 (13112023)
469411.78	3765697.39	0.01285 (15092503)	469431.78	3765697.39	0.01383 (13082701)
469451.78	3765697.39	0.01567 (15081704)	469471.78	3765697.39	0.01735 (15081704)
469491.78	3765697.39	0.01844 (14091520)	469511.78	3765697.39	0.02063 (14081702)
469531.78	3765697.39	0.02120 (14020704)	469551.78	3765697.39	0.02259 (15103120)
469571.78	3765697.39	0.02394 (12101620)	469591.78	3765697.39	0.02381 (12092220)
469611.78	3765697.39	0.02436 (13101222)	469631.78	3765697.39	0.02534 (13083101)
469651.78	3765697.39	0.02694 (13083101)	469671.78	3765697.39	0.02625 (15042223)
469691.78	3765697.39	0.02617 (13051124)	469711.78	3765697.39	0.02440 (12082622)
469731.78	3765697.39	0.02122 (13082102)	469751.78	3765697.39	0.02058 (13082102)
469771.78	3765697.39	0.02040 (14072603)	469791.78	3765697.39	0.01998 (13090723)
469811.78	3765697.39	0.01937 (13090723)	469831.78	3765697.39	0.01901 (12082721)
469851.78	3765697.39	0.01875 (12091101)	469871.78	3765697.39	0.01867 (12091101)
469891.78	3765697.39	0.01824 (12091101)	469911.78	3765697.39	0.01767 (12041721)
469931.78	3765697.39	0.01727 (14082822)	469951.78	3765697.39	0.01673 (14082822)
469351.78	3765717.39	0.00920 (12082822)	469371.78	3765717.39	0.01037 (12082822)
469391.78	3765717.39	0.01102 (12082822)	469411.78	3765717.39	0.01191 (13112023)
469431.78	3765717.39	0.01378 (15092503)	469451.78	3765717.39	0.01487 (13082701)
469471.78	3765717.39	0.01757 (15081704)	469491.78	3765717.39	0.01911 (14091520)
469511.78	3765717.39	0.02150 (14081702)	469531.78	3765717.39	0.02228 (12030522)
469551.78	3765717.39	0.02417 (15103120)	469571.78	3765717.39	0.02542 (12101620)

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Project DPM Emission Impacts

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 07/03/23

\*\*\* 16:05:09

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): A0000018 , A0000019 , A0000020 , A0000021 , A0000022 ,  
A0000023 , A0000024 , IDLE1 , IDLE2 , IDLE3 , IDLE4 , IDLE5 , IDLE6 ,  
IDLE7 , IDLE8 , IDLE9 , IDLE10 , IDLE11 , IDLE12 , A0000025 , A0000026 ,  
A0000027 , A0000028 , A0000029 , A0000030 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M) (YYMMDDHH)	Y-COORD (M) (YYMMDDHH)	CONC	X-COORD (M) (YYMMDDHH)	Y-COORD (M) (YYMMDDHH)	CONC
---------------------------	---------------------------	------	---------------------------	---------------------------	------

469591.78	3765717.39	0.02491 (12092220)	469611.78	3765717.39	0.02620 (13080203)
469631.78	3765717.39	0.02766 (13083101)	469651.78	3765717.39	0.02762 (12073003)

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469671.78	3765717.39	0.02811 (13051124)	469691.78	3765717.39	0.02832 (13080706)
469711.78	3765717.39	0.02814 (15091823)	469731.78	3765717.39	0.02564 (14072603)
469751.78	3765717.39	0.02156 (14072603)	469771.78	3765717.39	0.02105 (12080623)
469791.78	3765717.39	0.02056 (12082721)	469811.78	3765717.39	0.02020 (12091101)
469831.78	3765717.39	0.02006 (12091101)	469851.78	3765717.39	0.01952 (12091101)
469871.78	3765717.39	0.01896 (12041721)	469891.78	3765717.39	0.01845 (14082822)
469911.78	3765717.39	0.01790 (12081002)	469931.78	3765717.39	0.01741 (12081002)
469951.78	3765717.39	0.01694 (13102120)	4699351.78	3765737.39	0.00761 (13090406)
469371.78	3765737.39	0.00917 (12082822)	469391.78	3765737.39	0.01073 (12082822)
469411.78	3765737.39	0.01181 (12082822)	469431.78	3765737.39	0.01278 (13112023)
469451.78	3765737.39	0.01505 (15092503)	469471.78	3765737.39	0.01641 (15081704)
469491.78	3765737.39	0.01972 (15081704)	469511.78	3765737.39	0.02142 (14081702)
469531.78	3765737.39	0.02594 (14081702)	469551.78	3765737.39	0.02984 (15082503)
469571.78	3765737.39	0.02975 (12101620)	469591.78	3765737.39	0.02930 (12092220)
469611.78	3765737.39	0.02799 (13080203)	469631.78	3765737.39	0.02625 (12061702)
469651.78	3765737.39	0.02382 (12070806)	469671.78	3765737.39	0.02705 (16040324)
469691.78	3765737.39	0.02738 (16081403)	469711.78	3765737.39	0.02848 (13072123)
469731.78	3765737.39	0.02911 (12080623)	469751.78	3765737.39	0.02484 (12080623)
469771.78	3765737.39	0.02187 (12091101)	469791.78	3765737.39	0.02162 (12091101)
469811.78	3765737.39	0.02108 (15081223)	469831.78	3765737.39	0.02036 (14082822)
469851.78	3765737.39	0.01974 (16062123)	469871.78	3765737.39	0.01913 (12081002)
469891.78	3765737.39	0.01893 (13102120)	469911.78	3765737.39	0.01882 (13102120)
469931.78	3765737.39	0.01857 (13102120)	469951.78	3765737.39	0.01818 (13102120)
469351.78	3765757.39	0.00778 (15092523)	469371.78	3765757.39	0.00802 (15092523)
469391.78	3765757.39	0.00908 (12082822)	469411.78	3765757.39	0.01102 (12082822)
469431.78	3765757.39	0.01260 (12082822)	469451.78	3765757.39	0.01379 (13112023)
469471.78	3765757.39	0.01650 (15092503)	469491.78	3765757.39	0.01914 (15081704)
469511.78	3765757.39	0.02496 (15081704)	469531.78	3765757.39	0.03034 (14081702)
469551.78	3765757.39	0.03191 (15072406)	469571.78	3765757.39	0.03145 (12101620)
469591.78	3765757.39	0.03154 (12073003)	469611.78	3765757.39	0.02929 (12071001)
469631.78	3765757.39	0.02473 (12071102)	469651.78	3765757.39	0.02215 (13032805)
469671.78	3765757.39	0.01849 (13042201)	469691.78	3765757.39	0.01862 (12120104)
469711.78	3765757.39	0.02665 (12081606)	469731.78	3765757.39	0.02881 (15081803)
469751.78	3765757.39	0.02967 (15081223)	469771.78	3765757.39	0.02286 (15081223)
469791.78	3765757.39	0.02200 (14080102)	469811.78	3765757.39	0.02140 (12072205)
469831.78	3765757.39	0.02123 (12072205)	469851.78	3765757.39	0.02093 (13102120)
469871.78	3765757.39	0.02052 (13102120)	469891.78	3765757.39	0.02001 (13102120)
469911.78	3765757.39	0.01934 (13102120)	469931.78	3765757.39	0.01893 (13081723)

‡ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Project DPM Emission Impacts

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 07/03/23

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): A0000018 , A0000019 , A0000020 , A0000021 , A0000022 ,  
A0000023 , A0000024 , IDLE1 , IDLE2 , IDLE3 , IDLE4 , IDLE5 , IDLE6 ,  
IDLE7 , IDLE8 , IDLE9 , IDLE10 , IDLE11 , IDLE12 , A0000025 , A0000026 ,  
A0000027 , A0000028 , A0000029 , A0000030 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC
(YYMMDDHH)					

469951.78	3765757.39	0.01850 (13081723)	469351.78	3765777.39	0.00708 (15092523)
469371.78	3765777.39	0.00780 (15092523)	469391.78	3765777.39	0.00841 (15092523)
469411.78	3765777.39	0.00890 (13090406)	469431.78	3765777.39	0.01121 (12082822)
469451.78	3765777.39	0.01338 (12082822)	469471.78	3765777.39	0.01499 (13112023)
469491.78	3765777.39	0.01892 (15092503)	469771.78	3765777.39	0.02449 (14090801)
469791.78	3765777.39	0.02359 (12072205)	469811.78	3765777.39	0.02292 (12072205)

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469831.78	3765777.39	0.02228 (13081723)	469851.78	3765777.39	0.02173 (13081723)
469871.78	3765777.39	0.02112 (13081723)	469891.78	3765777.39	0.02048 (13081723)
469911.78	3765777.39	0.01975 (13081723)	469931.78	3765777.39	0.01896 (12090222)
469951.78	3765777.39	0.01844 (12090222)	469951.78	3765797.39	0.00592 (12101107)
469371.78	3765797.39	0.00653 (15092523)	469391.78	3765797.39	0.00754 (15092523)
469411.78	3765797.39	0.00846 (15092523)	469431.78	3765797.39	0.00931 (15092523)
469451.78	3765797.39	0.01125 (12082822)	469471.78	3765797.39	0.01406 (12082822)
469491.78	3765797.39	0.01859 (12091904)	469511.78	3765797.39	0.02448 (15092503)
469771.78	3765797.39	0.02735 (12060406)	469791.78	3765797.39	0.02442 (13081723)
469811.78	3765797.39	0.02348 (13081723)	469831.78	3765797.39	0.02282 (13071005)
469851.78	3765797.39	0.02232 (13071005)	469871.78	3765797.39	0.02181 (13071005)
469891.78	3765797.39	0.02131 (12082205)	469911.78	3765797.39	0.02081 (12082205)
469931.78	3765797.39	0.02029 (12082205)	469951.78	3765797.39	0.01984 (12082205)
469351.78	3765817.39	0.00598 (12110208)	469371.78	3765817.39	0.00631 (12101107)
469391.78	3765817.39	0.00675 (12120708)	469411.78	3765817.39	0.00725 (12120708)
469431.78	3765817.39	0.00807 (15092523)	469451.78	3765817.39	0.00940 (15092523)
469471.78	3765817.39	0.01114 (12082822)	469491.78	3765817.39	0.01669 (12082822)
469511.78	3765817.39	0.02104 (12082822)	469771.78	3765817.39	0.02834 (12082722)
469791.78	3765817.39	0.02630 (13071005)	469811.78	3765817.39	0.02542 (13071005)
469831.78	3765817.39	0.02451 (13071005)	469851.78	3765817.39	0.02367 (12090422)
469871.78	3765817.39	0.02297 (12090422)	469891.78	3765817.39	0.02233 (12090422)
469911.78	3765817.39	0.02165 (12090422)	469931.78	3765817.39	0.02095 (12090422)
469951.78	3765817.39	0.02034 (12090422)	469951.78	3765837.39	0.00653 (15091105)
469371.78	3765837.39	0.00677 (14100422)	469391.78	3765837.39	0.00701 (14100422)
469411.78	3765837.39	0.00730 (14100422)	469431.78	3765837.39	0.00823 (13120308)
469451.78	3765837.39	0.00950 (13120308)	469471.78	3765837.39	0.01098 (13120308)
469491.78	3765837.39	0.01442 (15101305)	469511.78	3765837.39	0.01712 (14043023)
469771.78	3765837.39	0.02774 (13072122)	469791.78	3765837.39	0.02668 (12080824)
469811.78	3765837.39	0.02573 (12080824)	469831.78	3765837.39	0.02481 (12080824)
469851.78	3765837.39	0.02395 (12080824)	469871.78	3765837.39	0.02316 (12080824)
469891.78	3765837.39	0.02252 (12080824)	469911.78	3765837.39	0.02181 (12080824)
469931.78	3765837.39	0.02110 (12080824)	469951.78	3765837.39	0.02049 (12080824)
469351.78	3765857.39	0.00731 (14100422)	469371.78	3765857.39	0.00787 (15101305)
469391.78	3765857.39	0.00873 (15101305)	469411.78	3765857.39	0.00978 (15101305)

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Project DPM Emission Impacts

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 07/03/23

\*\*\* 16:05:09

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): A0000018 , A0000019 , A0000020 , A0000021 , A0000022 ,  
 A0000023 , A0000024 , IDLE1 , IDLE2 , IDLE3 , IDLE4 , IDLE5 , IDLE6 ,  
 IDLE7 , IDLE8 , IDLE9 , IDLE10 , IDLE11 , IDLE12 , A0000025 , A0000026 ,  
 A0000027 , A0000028 , A0000029 , A0000030 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC
(YYMMDDHH)					

469431.78	3765857.39	0.01073 (15101305)	469451.78	3765857.39	0.01157 (15101305)
469471.78	3765857.39	0.01461 (14043023)	469491.78	3765857.39	0.01956 (14043023)
469511.78	3765857.39	0.02316 (14043023)	469531.78	3765857.39	0.01816 (14043023)
469771.78	3765857.39	0.02796 (14082124)	469791.78	3765857.39	0.02667 (13090302)
469811.78	3765857.39	0.02565 (13090302)	469831.78	3765857.39	0.02477 (13090302)
469851.78	3765857.39	0.02386 (13090302)	469871.78	3765857.39	0.02309 (13090302)
469891.78	3765857.39	0.02231 (13090302)	469911.78	3765857.39	0.02157 (14070401)
469931.78	3765857.39	0.02094 (14081302)	469951.78	3765857.39	0.02035 (14081302)
469351.78	3765877.39	0.00920 (15101305)	469371.78	3765877.39	0.00994 (15101305)
469391.78	3765877.39	0.01058 (15101305)	469411.78	3765877.39	0.01128 (15101305)

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469431.78	3765877.39	0.01294 (14043023)	469451.78	3765877.39	0.01493 (14043023)
469471.78	3765877.39	0.01683 (14043023)	469491.78	3765877.39	0.02243 (14082624)
469511.78	3765877.39	0.02753 (14082624)	469531.78	3765877.39	0.03053 (16091722)
469771.78	3765877.39	0.02948 (13092721)	469791.78	3765877.39	0.02520 (14081623)
469811.78	3765877.39	0.02443 (14081623)	469831.78	3765877.39	0.02383 (13090302)
469851.78	3765877.39	0.02320 (13090302)	469871.78	3765877.39	0.02262 (13090302)
469891.78	3765877.39	0.02207 (13090302)	469911.78	3765877.39	0.02151 (13090302)
469931.78	3765877.39	0.02097 (13090302)	469951.78	3765877.39	0.02046 (13090302)
469351.78	3765897.39	0.01018 (15101305)	469371.78	3765897.39	0.01061 (13090702)
469391.78	3765897.39	0.01200 (14043023)	469411.78	3765897.39	0.01382 (14043023)
469431.78	3765897.39	0.01529 (14043023)	469451.78	3765897.39	0.01621 (12081305)
469471.78	3765897.39	0.01919 (14082624)	469491.78	3765897.39	0.02573 (14082624)
469511.78	3765897.39	0.02929 (16081503)	469531.78	3765897.39	0.03353 (13063001)
469771.78	3765897.39	0.02724 (14082124)	469791.78	3765897.39	0.02446 (14082124)
469811.78	3765897.39	0.02352 (14082124)	469831.78	3765897.39	0.02262 (14082124)
469851.78	3765897.39	0.02161 (14082124)	469871.78	3765897.39	0.02090 (15010917)
469891.78	3765897.39	0.02030 (12081804)	469911.78	3765897.39	0.01972 (12081804)
469931.78	3765897.39	0.01916 (12081804)	469951.78	3765897.39	0.01883 (13090302)
469351.78	3765917.39	0.01129 (14043023)	469371.78	3765917.39	0.01271 (14043023)
469391.78	3765917.39	0.01386 (14043023)	469411.78	3765917.39	0.01481 (12081305)
469431.78	3765917.39	0.01606 (14082624)	469451.78	3765917.39	0.01850 (14082624)
469471.78	3765917.39	0.02044 (12091323)	469491.78	3765917.39	0.02505 (16081503)
469511.78	3765917.39	0.03064 (13090402)	469531.78	3765917.39	0.03269 (13063001)
469771.78	3765917.39	0.02685 (12091523)	469791.78	3765917.39	0.02337 (15091224)
469811.78	3765917.39	0.02268 (14082124)	469831.78	3765917.39	0.02233 (14082124)
469851.78	3765917.39	0.02174 (14082124)	469871.78	3765917.39	0.02108 (14082124)
469891.78	3765917.39	0.02042 (14082124)	469911.78	3765917.39	0.01986 (14082124)
469931.78	3765917.39	0.01943 (12080206)	469951.78	3765917.39	0.01891 (12080206)
469351.78	3765937.39	0.01279 (14043023)	469371.78	3765937.39	0.01349 (12081305)
469391.78	3765937.39	0.01401 (14091123)	469411.78	3765937.39	0.01588 (14082624)

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Project DPM Emission Impacts

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): A0000018 , A0000019 , A0000020 , A0000021 , A0000022 ,  
 A0000023 , A0000024 , IDLE1 , IDLE2 , IDLE3 , IDLE4 , IDLE5 , IDLE6 ,  
 IDLE7 , IDLE8 , IDLE9 , IDLE10 , IDLE11 , IDLE12 , A0000025 , A0000026 ,  
 A0000027 , A0000028 , A0000029 , A0000030 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M) (YYMMDDHH)	Y-COORD (M) (YYMMDDHH)	CONC (YYMMDDHH)	X-COORD (M) (YYMMDDHH)	Y-COORD (M) (YYMMDDHH)	CONC (YYMMDDHH)
469431.78	3765937.39	0.01787 (14082624)	469451.78	3765937.39	0.01914 (12091323)
469471.78	3765937.39	0.02110 (16081503)	469491.78	3765937.39	0.02320 (16091722)
469511.78	3765937.39	0.02731 (12071824)	469531.78	3765937.39	0.03083 (15081401)
469771.78	3765937.39	0.02587 (13083102)	469791.78	3765937.39	0.02525 (12091523)
469811.78	3765937.39	0.02396 (12091523)	469831.78	3765937.39	0.02270 (12100402)
469851.78	3765937.39	0.02184 (15091224)	469871.78	3765937.39	0.02101 (15091224)
469891.78	3765937.39	0.02134 (14082124)	469911.78	3765937.39	0.02267 (14082124)
469931.78	3765937.39	0.02174 (14082124)	469951.78	3765937.39	0.02080 (14082124)
469351.78	3765957.39	0.01291 (14091123)	469371.78	3765957.39	0.01348 (14082624)
469391.78	3765957.39	0.01538 (14082624)	469411.78	3765957.39	0.01681 (14082624)
469431.78	3765957.39	0.01792 (13090606)	469451.78	3765957.39	0.01971 (16081503)
469471.78	3765957.39	0.02125 (16091722)	469491.78	3765957.39	0.02308 (13063001)
469511.78	3765957.39	0.02419 (12082824)	469531.78	3765957.39	0.02627 (13062901)
469551.78	3765957.39	0.03478 (12072006)	469571.78	3765957.39	0.04280 (12072006)

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469591.78	3765957.39	0.04355 (12080706)	469611.78	3765957.39	0.04271 (13042802)
469631.78	3765957.39	0.02579 (14081406)	469651.78	3765957.39	0.02735 (13042702)
469671.78	3765957.39	0.02995 (12070706)	469691.78	3765957.39	0.03510 (14092601)
469711.78	3765957.39	0.03573 (14092601)	469731.78	3765957.39	0.03655 (13070605)
469751.78	3765957.39	0.03316 (14082823)	469771.78	3765957.39	0.02817 (12083004)
469791.78	3765957.39	0.02757 (13083102)	469811.78	3765957.39	0.02760 (13083102)
469831.78	3765957.39	0.02692 (13083102)	469851.78	3765957.39	0.02537 (12091523)
469871.78	3765957.39	0.02474 (14082105)	469891.78	3765957.39	0.02469 (13062802)
469911.78	3765957.39	0.02372 (15091224)	469931.78	3765957.39	0.02386 (15091224)
469951.78	3765957.39	0.02362 (15091224)	469351.78	3765977.39	0.01338 (14082624)
469371.78	3765977.39	0.01492 (14082624)	469391.78	3765977.39	0.01572 (12091323)
469411.78	3765977.39	0.01672 (13090606)	469431.78	3765977.39	0.01822 (16081503)
469451.78	3765977.39	0.01951 (12092302)	469471.78	3765977.39	0.02097 (13063001)
469491.78	3765977.39	0.02186 (12082824)	469511.78	3765977.39	0.02256 (15081401)
469531.78	3765977.39	0.02299 (12092301)	469551.78	3765977.39	0.03066 (12072006)
469571.78	3765977.39	0.03516 (12072006)	469591.78	3765977.39	0.03851 (13080801)
469611.78	3765977.39	0.04001 (15092321)	469631.78	3765977.39	0.03881 (13042702)
469651.78	3765977.39	0.03859 (12081203)	469671.78	3765977.39	0.03754 (12102307)
469691.78	3765977.39	0.03638 (13091223)	469711.78	3765977.39	0.03543 (13091321)
469731.78	3765977.39	0.03183 (13090523)	469751.78	3765977.39	0.02587 (12112218)
469771.78	3765977.39	0.02534 (14081802)	469791.78	3765977.39	0.02448 (12091601)
469811.78	3765977.39	0.02382 (12091601)	469831.78	3765977.39	0.02369 (13093020)
469851.78	3765977.39	0.02445 (13083102)	469871.78	3765977.39	0.02424 (13083102)
469891.78	3765977.39	0.02271 (13083102)	469911.78	3765977.39	0.02148 (12091523)
469931.78	3765977.39	0.02050 (12091523)	469951.78	3765977.39	0.02013 (12100402)
469351.78	3765997.39	0.01430 (14082624)	469371.78	3765997.39	0.01493 (12091323)

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Project DPM Emission Impacts

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 07/03/23

16:05:09

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): A0000018 , A0000019 , A0000020 , A0000021 , A0000022 ,  
A0000023 , A0000024 , IDLE1 , IDLE2 , IDLE3 , IDLE4 , IDLE5 , IDLE6 ,  
IDLE7 , IDLE8 , IDLE9 , IDLE10 , IDLE11 , IDLE12 , A0000025 , A0000026 ,  
A0000027 , A0000028 , A0000029 , A0000030 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M) (YYMMDDHH)	Y-COORD (M) (YYMMDDHH)	CONC (YYMMDDHH)	X-COORD (M) (YYMMDDHH)	Y-COORD (M) (YYMMDDHH)	CONC (YYMMDDHH)
---------------------------	---------------------------	--------------------	---------------------------	---------------------------	--------------------

469391.78	3765997.39	0.01562 (13090606)	469411.78	3765997.39	0.01688 (16081503)
469431.78	3765997.39	0.01815 (16081503)	469451.78	3765997.39	0.01937 (13090402)
469471.78	3765997.39	0.02042 (13063001)	469491.78	3765997.39	0.02080 (13082922)
469511.78	3765997.39	0.02151 (14102007)	469531.78	3765997.39	0.02172 (12092301)
469551.78	3765997.39	0.02839 (12072006)	469571.78	3765997.39	0.03088 (12072006)
469591.78	3765997.39	0.03258 (13080801)	469611.78	3765997.39	0.03357 (13090423)
469631.78	3765997.39	0.03581 (13090423)	469651.78	3765997.39	0.03430 (13081806)
469671.78	3765997.39	0.03475 (12103121)	469691.78	3765997.39	0.03399 (16081524)
469711.78	3765997.39	0.02894 (12091823)	469731.78	3765997.39	0.02525 (12082923)
469751.78	3765997.39	0.02436 (13090802)	469771.78	3765997.39	0.02345 (12080802)
469791.78	3765997.39	0.02291 (14081802)	469811.78	3765997.39	0.02250 (14081802)
469831.78	3765997.39	0.02201 (12091601)	469851.78	3765997.39	0.02133 (12083004)
469871.78	3765997.39	0.02104 (13093020)	469891.78	3765997.39	0.02077 (13083102)
469911.78	3765997.39	0.02041 (13083102)	469931.78	3765997.39	0.01985 (13083102)
469951.78	3765997.39	0.01932 (12091523)	469351.78	3766017.39	0.01412 (12100221)
469371.78	3766017.39	0.01479 (13090606)	469391.78	3766017.39	0.01571 (16081503)
469411.78	3766017.39	0.01680 (16081503)	469431.78	3766017.39	0.01785 (13090402)
469451.78	3766017.39	0.01907 (13063001)	469471.78	3766017.39	0.01931 (12082824)

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Project\_REV6\_B.ADO

469491.78	3766017.39	0.01970 (14102007)	469511.78	3766017.39	0.01997 (12081104)
469531.78	3766017.39	0.02091 (12072006)	469551.78	3766017.39	0.02678 (16081522)
469571.78	3766017.39	0.02874 (16081522)	469591.78	3766017.39	0.02952 (15010717)
469611.78	3766017.39	0.02869 (15092321)	469631.78	3766017.39	0.02839 (16100201)
469651.78	3766017.39	0.02858 (13081806)	469671.78	3766017.39	0.02684 (16081524)
469691.78	3766017.39	0.02588 (12081706)	469711.78	3766017.39	0.02486 (13091322)
469731.78	3766017.39	0.02386 (12080902)	469751.78	3766017.39	0.02308 (12082923)
469771.78	3766017.39	0.02250 (12092822)	469791.78	3766017.39	0.02171 (12080802)
469811.78	3766017.39	0.02103 (15091201)	469831.78	3766017.39	0.02102 (14081802)
469851.78	3766017.39	0.02047 (14081802)	469871.78	3766017.39	0.02001 (12091601)
469891.78	3766017.39	0.01931 (16082002)	469911.78	3766017.39	0.01897 (13093020)
469931.78	3766017.39	0.01863 (13083102)	469951.78	3766017.39	0.01852 (13083102)
469351.78	3766037.39	0.01395 (13090606)	469371.78	3766037.39	0.01483 (16081503)
469391.78	3766037.39	0.01570 (16081503)	469411.78	3766037.39	0.01644 (16091722)
469431.78	3766037.39	0.01733 (13063001)	469451.78	3766037.39	0.01792 (13063001)
469471.78	3766037.39	0.01852 (13082922)	469491.78	3766037.39	0.01894 (14102007)
469511.78	3766037.39	0.01875 (12092301)	469531.78	3766037.39	0.02038 (12072006)
469551.78	3766037.39	0.02556 (16081522)	469571.78	3766037.39	0.02722 (16081522)
469591.78	3766037.39	0.02771 (15010717)	469611.78	3766037.39	0.02691 (12070406)
469631.78	3766037.39	0.02681 (14082906)	469651.78	3766037.39	0.02573 (16100201)
469671.78	3766037.39	0.02499 (15072605)	469691.78	3766037.39	0.02412 (12081201)
469711.78	3766037.39	0.02381 (15073006)	469731.78	3766037.39	0.02293 (13091322)

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Project DPM Emission Impacts \*\*\* 07/03/23

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 16:05:09

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): A0000018 , A0000019 , A0000020 , A0000021 , A0000022 ,  
A0000023 , A0000024 , IDLE1 , IDLE2 , IDLE3 , IDLE4 , IDLE5 , IDLE6 ,  
IDLE7 , IDLE8 , IDLE9 , IDLE10 , IDLE11 , IDLE12 , A0000025 , A0000026 ,  
A0000027 , A0000028 , A0000029 , A0000030 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC
---------------------------	-------------	--------------------	-------------	-------------	------

469751.78	3766037.39	0.02208 (12080902)	469771.78	3766037.39	0.02150 (14072601)
469791.78	3766037.39	0.02106 (12092822)	469811.78	3766037.39	0.02037 (12083002)
469831.78	3766037.39	0.01984 (12080802)	469851.78	3766037.39	0.01960 (14081802)
469871.78	3766037.39	0.01936 (14081802)	469891.78	3766037.39	0.01891 (12091601)
469911.78	3766037.39	0.01829 (12091601)	469931.78	3766037.39	0.01780 (13093020)
469951.78	3766037.39	0.01747 (13093020)	469351.78	3766057.39	0.01397 (16081503)
469371.78	3766057.39	0.01492 (16081503)	469391.78	3766057.39	0.01549 (16091722)
469411.78	3766057.39	0.01610 (16081801)	469431.78	3766057.39	0.01688 (13063001)
469451.78	3766057.39	0.01720 (13082922)	469471.78	3766057.39	0.01749 (14101907)
469491.78	3766057.39	0.01762 (14102007)	469511.78	3766057.39	0.01785 (12092301)
469531.78	3766057.39	0.02006 (12072006)	469551.78	3766057.39	0.02441 (16081522)
469571.78	3766057.39	0.02576 (16081522)	469591.78	3766057.39	0.02611 (15010717)
469611.78	3766057.39	0.02550 (12070406)	469631.78	3766057.39	0.02535 (14082906)
469651.78	3766057.39	0.02479 (16100201)	469671.78	3766057.39	0.02375 (16081106)
469691.78	3766057.39	0.02324 (15071404)	469711.78	3766057.39	0.02270 (12081706)
469731.78	3766057.39	0.02202 (15073006)	469751.78	3766057.39	0.02131 (13091322)
469771.78	3766057.39	0.02066 (12080902)	469791.78	3766057.39	0.02017 (14072601)
469811.78	3766057.39	0.01983 (12092822)	469831.78	3766057.39	0.01933 (12083002)
469851.78	3766057.39	0.01879 (12080802)	469871.78	3766057.39	0.01829 (15091201)
469891.78	3766057.39	0.01833 (14081802)	469911.78	3766057.39	0.01787 (14081802)
469931.78	3766057.39	0.01753 (12091601)	469951.78	3766057.39	0.01681 (16102423)
469351.78	3766077.39	0.01400 (16081503)	469371.78	3766077.39	0.01448 (12092302)

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469391.78	3766077.39	0.01505 (13090402)	469411.78	3766077.39	0.01584 (13063001)
469431.78	3766077.39	0.01592 (15082602)	469451.78	3766077.39	0.01643 (13082922)
469471.78	3766077.39	0.01687 (14102007)	469491.78	3766077.39	0.01665 (12081104)
469511.78	3766077.39	0.01698 (14081624)	469531.78	3766077.39	0.01991 (12072006)
469551.78	3766077.39	0.02336 (16081522)	469571.78	3766077.39	0.02447 (16081522)
469591.78	3766077.39	0.02468 (15010717)	469611.78	3766077.39	0.02419 (12070406)
469631.78	3766077.39	0.02403 (16062205)	469651.78	3766077.39	0.02372 (16100201)
469671.78	3766077.39	0.02281 (12081405)	469691.78	3766077.39	0.02219 (15071404)
469711.78	3766077.39	0.02158 (12081201)	469731.78	3766077.39	0.02135 (12081706)
469751.78	3766077.39	0.02058 (13091322)	469771.78	3766077.39	0.01999 (15080524)
469791.78	3766077.39	0.01944 (14072601)	469811.78	3766077.39	0.01902 (14072601)
469831.78	3766077.39	0.01884 (12092822)	469851.78	3766077.39	0.01835 (12083002)
469871.78	3766077.39	0.01786 (12080802)	469891.78	3766077.39	0.01740 (15091201)
469911.78	3766077.39	0.01729 (14081802)	469931.78	3766077.39	0.01712 (14081802)
469951.78	3766077.39	0.01664 (12091601)	4699351.78	3766097.39	0.01355 (12092302)
469371.78	3766097.39	0.01411 (13090402)	469391.78	3766097.39	0.01452 (13063001)
469411.78	3766097.39	0.01489 (13063001)	469431.78	3766097.39	0.01548 (13082922)
469451.78	3766097.39	0.01561 (14101907)	469471.78	3766097.39	0.01592 (14102007)

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Project DPM Emission Impacts \*\*\* 07/03/23

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 16:05:09

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): A0000018 , A0000019 , A0000020 , A0000021 , A0000022 ,  
 A0000023 , A0000024 , IDLE1 , IDLE2 , IDLE3 , IDLE4 , IDLE5 , IDLE6 ,  
 IDLE7 , IDLE8 , IDLE9 , IDLE10 , IDLE11 , IDLE12 , A0000025 , A0000026 ,  
 A0000027 , A0000028 , A0000029 , A0000030 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC
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469491.78	3766097.39	0.01583 (12092301)	469511.78	3766097.39	0.01623 (14081624)
469531.78	3766097.39	0.01948 (12072006)	469551.78	3766097.39	0.02242 (16081522)
469571.78	3766097.39	0.02331 (16081522)	469591.78	3766097.39	0.02341 (15010717)
469611.78	3766097.39	0.02302 (15090801)	469631.78	3766097.39	0.02293 (16062205)
469651.78	3766097.39	0.02267 (14082906)	469671.78	3766097.39	0.02199 (16081423)
469691.78	3766097.39	0.02121 (12061405)	469711.78	3766097.39	0.02092 (12081702)
469731.78	3766097.39	0.02029 (12081706)	469751.78	3766097.39	0.02001 (12081706)
469771.78	3766097.39	0.01947 (13091322)	469791.78	3766097.39	0.01881 (14081602)
469811.78	3766097.39	0.01843 (14072601)	469831.78	3766097.39	0.01807 (14072601)
469851.78	3766097.39	0.01793 (12092822)	469871.78	3766097.39	0.01750 (12083002)
469891.78	3766097.39	0.01699 (12080802)	469911.78	3766097.39	0.01650 (12080802)
469931.78	3766097.39	0.01629 (14081802)	469951.78	3766097.39	0.01624 (14081802)
4699351.78	3766117.39	0.01313 (13090402)	469371.78	3766117.39	0.01355 (16081801)
469391.78	3766117.39	0.01414 (13063001)	469411.78	3766117.39	0.01433 (15082602)
469431.78	3766117.39	0.01472 (13082922)	469451.78	3766117.39	0.01512 (14102007)
469471.78	3766117.39	0.01499 (12081104)	469491.78	3766117.39	0.01521 (12092301)
469511.78	3766117.39	0.01542 (14081624)	469531.78	3766117.39	0.01891 (16081522)
469551.78	3766117.39	0.02155 (16081522)	469571.78	3766117.39	0.02226 (16081522)
469591.78	3766117.39	0.02226 (15010717)	469611.78	3766117.39	0.02193 (15091406)
469631.78	3766117.39	0.02183 (16062205)	469651.78	3766117.39	0.02176 (14082906)
469671.78	3766117.39	0.02112 (16100201)	469691.78	3766117.39	0.02061 (12081405)
469711.78	3766117.39	0.02011 (12081702)	469731.78	3766117.39	0.01962 (12081201)
469751.78	3766117.39	0.01938 (12081706)	469771.78	3766117.39	0.01878 (15073006)
469791.78	3766117.39	0.01850 (13091322)	469811.78	3766117.39	0.01790 (14081602)
469831.78	3766117.39	0.01760 (14072601)	469851.78	3766117.39	0.01719 (14072601)
469871.78	3766117.39	0.01709 (12092822)	469891.78	3766117.39	0.01663 (12083002)

Project_REV6_B.ADO					
469911.78	3766117.39	0.01614 (12083002)	469931.78	3766117.39	0.01581 (12080802)
469951.78	3766117.39	0.01539 (15091201)	469951.78	3766137.39	0.01256 (16081801)
469371.78	3766137.39	0.01319 (13063001)	469391.78	3766137.39	0.01329 (15082602)
469411.78	3766137.39	0.01395 (13082922)	469431.78	3766137.39	0.01405 (14101907)
469451.78	3766137.39	0.01440 (14102007)	469471.78	3766137.39	0.01419 (12081104)
469491.78	3766137.39	0.01448 (14081624)	469511.78	3766137.39	0.01469 (12072006)
469531.78	3766137.39	0.01839 (16081522)	469551.78	3766137.39	0.02075 (16081522)
469571.78	3766137.39	0.02129 (16081522)	469591.78	3766137.39	0.02122 (15010717)
469611.78	3766137.39	0.02105 (15091406)	469631.78	3766137.39	0.02085 (15090801)
469651.78	3766137.39	0.02081 (15092203)	469671.78	3766137.39	0.02050 (15091824)
469691.78	3766137.39	0.01991 (12081405)	469711.78	3766137.39	0.01934 (12061405)
469731.78	3766137.39	0.01911 (12081702)	469751.78	3766137.39	0.01848 (14081206)
469771.78	3766137.39	0.01846 (12081706)	469791.78	3766137.39	0.01779 (14091222)
469811.78	3766137.39	0.01754 (13091322)	469831.78	3766137.39	0.01710 (14081602)

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Project DPM Emission Impacts \*\*\* 07/03/23

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 16:05:09

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): A0000018 , A0000019 , A0000020 , A0000021 , A0000022 ,  
 A0000023 , A0000024 , IDLE1 , IDLE2 , IDLE3 , IDLE4 , IDLE5 , IDLE6 ,  
 IDLE7 , IDLE8 , IDLE9 , IDLE10 , IDLE11 , IDLE12 , A0000025 , A0000026 ,  
 A0000027 , A0000028 , A0000029 , A0000030 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M) (YYMMDDHH)	Y-COORD (M) (YYMMDDHH)	CONC (YYMMDDHH)	X-COORD (M) (YYMMDDHH)	Y-COORD (M) (YYMMDDHH)	CONC (YYMMDDHH)
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469851.78	3766137.39	0.01678 (14072601)	469871.78	3766137.39	0.01636 (12091823)
469891.78	3766137.39	0.01624 (12092822)	469911.78	3766137.39	0.01578 (12083002)
469931.78	3766137.39	0.01546 (12083002)	469951.78	3766137.39	0.01505 (12080802)
469051.78	3765277.39	0.00381 (13082701)	469101.78	3765277.39	0.00413 (15100302)
469151.78	3765277.39	0.00483 (15081704)	469201.78	3765277.39	0.00523 (13050322)
469251.78	3765277.39	0.00582 (14091520)	469301.78	3765277.39	0.00625 (13121904)
469351.78	3765277.39	0.00655 (12091805)	469401.78	3765277.39	0.00726 (15072406)
469451.78	3765277.39	0.00846 (15082503)	469501.78	3765277.39	0.00844 (12080606)
469551.78	3765277.39	0.00939 (12101620)	469601.78	3765277.39	0.00945 (12081105)
469651.78	3765277.39	0.00871 (15022022)	469701.78	3765277.39	0.00773 (15092201)
469751.78	3765277.39	0.00848 (15092201)	469801.78	3765277.39	0.00815 (12090824)
469851.78	3765277.39	0.00856 (15082404)	469901.78	3765277.39	0.00817 (12090502)
469951.78	3765277.39	0.00802 (15091024)	470001.78	3765277.39	0.00778 (15091023)
470051.78	3765277.39	0.00710 (12090601)	470101.78	3765277.39	0.00653 (13082823)
470151.78	3765277.39	0.00623 (12081224)	470201.78	3765277.39	0.00558 (13070824)
470251.78	3765277.39	0.00505 (12081622)	469051.78	3765327.39	0.00420 (15092503)
469101.78	3765327.39	0.00466 (13082701)	469151.78	3765327.39	0.00498 (16012018)
469201.78	3765327.39	0.00600 (15081704)	469251.78	3765327.39	0.00640 (13082306)
469301.78	3765327.39	0.00692 (13082602)	469351.78	3765327.39	0.00778 (14081702)
469401.78	3765327.39	0.00795 (14082103)	469451.78	3765327.39	0.00929 (13100722)
469501.78	3765327.39	0.00955 (12071103)	469551.78	3765327.39	0.01064 (12101620)
469601.78	3765327.39	0.01072 (12081105)	469651.78	3765327.39	0.00974 (15022022)
469701.78	3765327.39	0.00929 (15092201)	469751.78	3765327.39	0.00955 (13062801)
469801.78	3765327.39	0.00952 (15082404)	469851.78	3765327.39	0.00949 (12070506)
469901.78	3765327.39	0.00906 (12081423)	469951.78	3765327.39	0.00927 (15091024)
470001.78	3765327.39	0.00840 (12090601)	470051.78	3765327.39	0.00786 (13082823)
470101.78	3765327.39	0.00750 (12081224)	470151.78	3765327.39	0.00677 (16040522)
470201.78	3765327.39	0.00610 (13082003)	470251.78	3765327.39	0.00553 (13082401)
469051.78	3765327.39	0.00417 (13110322)	469101.78	3765327.39	0.00507 (15092503)
469151.78	3765327.39	0.00561 (13082701)	469201.78	3765327.39	0.00604 (12081802)

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469251.78	3765377.39	0.00728 (15081704)	469301.78	3765377.39	0.00806 (14091520)
469351.78	3765377.39	0.00892 (13121904)	469401.78	3765377.39	0.00935 (15100523)
469451.78	3765377.39	0.01009 (15040423)	469501.78	3765377.39	0.01077 (15103120)
469551.78	3765377.39	0.01196 (12080606)	469601.78	3765377.39	0.01193 (12092220)
469651.78	3765377.39	0.01050 (15022022)	469701.78	3765377.39	0.01083 (15092201)
469751.78	3765377.39	0.01064 (13080406)	469801.78	3765377.39	0.01110 (15082404)
469851.78	3765377.39	0.01056 (12090502)	469901.78	3765377.39	0.01084 (15091024)
469951.78	3765377.39	0.00993 (12080603)	470001.78	3765377.39	0.00931 (13082823)
470051.78	3765377.39	0.00892 (12081224)	470101.78	3765377.39	0.00813 (16040522)
470151.78	3765377.39	0.00737 (12091301)	470201.78	3765377.39	0.00677 (15101323)

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Project DPM Emission Impacts \*\*\* 07/03/23

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\*\*\* 16:05:09

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): A0000018 , A0000019 , A0000020 , A0000021 , A0000022 ,  
 A0000023 , A0000024 , IDLE1 , IDLE2 , IDLE3 , IDLE4 , IDLE5 , IDLE6 ,  
 IDLE7 , IDLE8 , IDLE9 , IDLE10 , IDLE11 , IDLE12 , A0000025 , A0000026 ,  
 A0000027 , A0000028 , A0000029 , A0000030 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M) (YYMMDDHH)	Y-COORD (M) (YYMMDDHH)	CONC (YYMMDDHH)	X-COORD (M) (YYMMDDHH)	Y-COORD (M) (YYMMDDHH)	CONC (YYMMDDHH)
470251.78	3765377.39	0.00633 (15101323)	469051.78	3765427.39	0.00457 (15100521)
469101.78	3765427.39	0.00490 (13110322)	469151.78	3765427.39	0.00605 (15092503)
469201.78	3765427.39	0.00662 (13082701)	469251.78	3765427.39	0.00756 (15081704)
469301.78	3765427.39	0.00860 (13082306)	469351.78	3765427.39	0.00939 (13082602)
469401.78	3765427.39	0.01059 (14081702)	469451.78	3765427.39	0.01100 (15040423)
469501.78	3765427.39	0.01193 (15103120)	469551.78	3765427.39	0.01319 (12080606)
469601.78	3765427.39	0.01319 (12092220)	469651.78	3765427.39	0.01096 (15022022)
469701.78	3765427.39	0.01209 (15092201)	469751.78	3765427.39	0.01191 (15082404)
469801.78	3765427.39	0.01216 (12070506)	469851.78	3765427.39	0.01217 (15091024)
469901.78	3765427.39	0.01168 (12080603)	469951.78	3765427.39	0.01095 (13082823)
470001.78	3765427.39	0.01046 (16101022)	470051.78	3765427.39	0.00961 (14072102)
470101.78	3765427.39	0.00882 (12091301)	470151.78	3765427.39	0.00837 (15101323)
470201.78	3765427.39	0.00761 (15092123)	470251.78	3765427.39	0.00675 (15082624)
469051.78	3765477.39	0.00502 (12082822)	469101.78	3765477.39	0.00539 (15091304)
469151.78	3765477.39	0.00573 (14091503)	469201.78	3765477.39	0.00719 (15092503)
469251.78	3765477.39	0.00785 (13082701)	469301.78	3765477.39	0.00948 (15081704)
469351.78	3765477.39	0.01046 (14091520)	469401.78	3765477.39	0.01153 (14081702)
469451.78	3765477.39	0.01202 (14082103)	469501.78	3765477.39	0.01329 (15082503)
469551.78	3765477.39	0.01431 (12080606)	469601.78	3765477.39	0.01444 (12092220)
469651.78	3765477.39	0.01187 (15092201)	469701.78	3765477.39	0.01296 (13070802)
469751.78	3765477.39	0.01379 (15082404)	469801.78	3765477.39	0.01327 (12081423)
469851.78	3765477.39	0.01349 (15091024)	469901.78	3765477.39	0.01262 (13082823)
469951.78	3765477.39	0.01221 (16101022)	470001.78	3765477.39	0.01121 (13062703)
470051.78	3765477.39	0.01045 (13091621)	470101.78	3765477.39	0.01004 (15101323)
470151.78	3765477.39	0.00911 (13090723)	470201.78	3765477.39	0.00816 (15082624)
470251.78	3765477.39	0.00726 (12080724)	469051.78	3765527.39	0.00484 (13090406)
469101.78	3765527.39	0.00579 (13090406)	469151.78	3765527.39	0.00620 (12082822)
469201.78	3765527.39	0.00664 (14091503)	469251.78	3765527.39	0.00842 (15092503)
469301.78	3765527.39	0.00921 (12092120)	469351.78	3765527.39	0.01123 (15081704)
469401.78	3765527.39	0.01205 (14091520)	469451.78	3765527.39	0.01318 (12091805)
469501.78	3765527.39	0.01440 (15082503)	469551.78	3765527.39	0.01567 (12080606)
469601.78	3765527.39	0.01594 (12092220)	469651.78	3765527.39	0.01378 (15092201)
469701.78	3765527.39	0.01399 (13080406)	469751.78	3765527.39	0.01492 (15091124)
469801.78	3765527.39	0.01534 (15091024)	469851.78	3765527.39	0.01443 (13080723)

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469901.78	3765527.39	0.01398 (16101022)	469951.78	3765527.39	0.01296 (13071202)
470001.78	3765527.39	0.01240 (15101323)	470051.78	3765527.39	0.01169 (13090723)
470101.78	3765527.39	0.01066 (15082624)	470151.78	3765527.39	0.00955 (12080724)
470201.78	3765527.39	0.00888 (12091101)	470251.78	3765527.39	0.00823 (12091101)
469051.78	3765577.39	0.00506 (15090906)	469101.78	3765577.39	0.00529 (14091424)
469151.78	3765577.39	0.00632 (13090406)	469201.78	3765577.39	0.00728 (12082822)

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Project DPM Emission Impacts \*\*\* 07/03/23  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* 16:05:09

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): A0000018 , A0000019 , A0000020 , A0000021 , A0000022 ,  
 A0000023 , A0000024 , IDLE1 , IDLE2 , IDLE3 , IDLE4 , IDLE5 , IDLE6 ,  
 IDLE7 , IDLE8 , IDLE9 , IDLE10 , IDLE11 , IDLE12 , A0000025 , A0000026 ,  
 A0000027 , A0000028 , A0000029 , A0000030 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC (YYMMDDHH)
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469251.78	3765577.39	0.00761 (14091503)	469301.78	3765577.39	0.00984 (15092503)
470001.78	3765577.39	0.01343 (13090723)	470051.78	3765577.39	0.01217 (12082721)
470101.78	3765577.39	0.01159 (12091101)	470151.78	3765577.39	0.01084 (12091101)
470201.78	3765577.39	0.00958 (13081702)	470251.78	3765577.39	0.00864 (14082822)
469051.78	3765627.39	0.00513 (14072223)	469101.78	3765627.39	0.00564 (12082823)
469151.78	3765627.39	0.00585 (15090906)	469201.78	3765627.39	0.00648 (13090406)
469251.78	3765627.39	0.00819 (12082822)	469301.78	3765627.39	0.00858 (13090623)
470001.78	3765627.39	0.01453 (12091101)	470051.78	3765627.39	0.01366 (12091101)
470101.78	3765627.39	0.01248 (14082822)	470151.78	3765627.39	0.01124 (12081002)
470201.78	3765627.39	0.01007 (12081002)	470251.78	3765627.39	0.00889 (15080705)
469051.78	3765677.39	0.00494 (14072904)	469101.78	3765677.39	0.00492 (15092523)
469151.78	3765677.39	0.00569 (15092523)	469201.78	3765677.39	0.00634 (12082823)
469251.78	3765677.39	0.00668 (14091424)	469301.78	3765677.39	0.00867 (12082822)
470001.78	3765677.39	0.01536 (14082822)	470051.78	3765677.39	0.01408 (12081002)
470101.78	3765677.39	0.01312 (13102120)	470151.78	3765677.39	0.01235 (13102120)
470201.78	3765677.39	0.01121 (13102120)	470251.78	3765677.39	0.00995 (14080406)
469051.78	3765727.39	0.00525 (15100224)	469101.78	3765727.39	0.00521 (15080605)
469151.78	3765727.39	0.00502 (12082902)	469201.78	3765727.39	0.00512 (14091705)
469251.78	3765727.39	0.00638 (15092523)	469301.78	3765727.39	0.00721 (15092523)
470001.78	3765727.39	0.01681 (13102120)	470051.78	3765727.39	0.01542 (14080406)
470101.78	3765727.39	0.01423 (13070201)	470151.78	3765727.39	0.01284 (13070201)
470201.78	3765727.39	0.01150 (12090222)	470251.78	3765727.39	0.01025 (12090222)
469051.78	3765777.39	0.00547 (14072606)	469101.78	3765777.39	0.00548 (15092104)
469151.78	3765777.39	0.00520 (14091702)	469201.78	3765777.39	0.00512 (15101122)
469251.78	3765777.39	0.00514 (15101122)	469301.78	3765777.39	0.00528 (14101007)
470001.78	3765777.39	0.01715 (15092621)	470051.78	3765777.39	0.01632 (12082205)
470101.78	3765777.39	0.01530 (12082205)	470151.78	3765777.39	0.01407 (12082205)
470201.78	3765777.39	0.01273 (12082205)	470251.78	3765777.39	0.01139 (12082205)
469051.78	3765827.39	0.00591 (12092305)	469101.78	3765827.39	0.00617 (12092305)
469151.78	3765827.39	0.00602 (12092305)	469201.78	3765827.39	0.00575 (12092305)
469251.78	3765827.39	0.00538 (12092305)	469301.78	3765827.39	0.00537 (14091321)
470001.78	3765827.39	0.01898 (12080824)	470051.78	3765827.39	0.01755 (12080824)
470101.78	3765827.39	0.01613 (12080824)	470151.78	3765827.39	0.01463 (12080824)
470201.78	3765827.39	0.01315 (12080824)	470251.78	3765827.39	0.01169 (12080824)
469051.78	3765877.39	0.00598 (14081706)	469101.78	3765877.39	0.00636 (13091524)
469151.78	3765877.39	0.00664 (15091105)	469201.78	3765877.39	0.00661 (15091105)
469251.78	3765877.39	0.00660 (15091105)	469301.78	3765877.39	0.00728 (12092002)
470001.78	3765877.39	0.01919 (13090302)	470051.78	3765877.39	0.01781 (13090302)

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470101.78	3765877.39	0.01635 (13090302)	470151.78	3765877.39	0.01480 (13090302)
470201.78	3765877.39	0.01322 (13090302)	470251.78	3765877.39	0.01171 (14070401)
♀ *** AERMOD - VERSION 22112 *** *** Project DPM Emission Impacts			*** 07/03/23		
*** AERMET - VERSION 16216 *** ***			*** 16:05:09		

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): A0000018 , A0000019 , A0000020 , A0000021 , A0000022 ,  
 A0000023 , A0000024 , IDLE1 , IDLE2 , IDLE3 , IDLE4 , IDLE5 , IDLE6 ,  
 IDLE7 , IDLE8 , IDLE9 , IDLE10 , IDLE11 , IDLE12 , A0000025 , A0000026 ,  
 A0000027 , A0000028 , A0000029 , A0000030 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M) (YYMMDDHH)	Y-COORD (M) (YYMMDDHH)	CONC (YYMMDDHH)	X-COORD (M) (YYMMDDHH)	Y-COORD (M) (YYMMDDHH)	CONC (YYMMDDHH)
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469051.78	3765927.39	0.00611 (12092224)	469101.78	3765927.39	0.00654 (12092002)
469151.78	3765927.39	0.00759 (12092002)	469201.78	3765927.39	0.00831 (12092002)
469251.78	3765927.39	0.00890 (15091102)	469301.78	3765927.39	0.00931 (13090702)
470001.78	3765927.39	0.01813 (12080206)	470051.78	3765927.39	0.01696 (15010917)
470101.78	3765927.39	0.01561 (12081804)	470151.78	3765927.39	0.01385 (12101319)
470201.78	3765927.39	0.01226 (12101319)	470251.78	3765927.39	0.01081 (14073024)
469051.78	3765977.39	0.00703 (15091102)	469101.78	3765977.39	0.00779 (15091102)
469151.78	3765977.39	0.00842 (13090702)	469201.78	3765977.39	0.00859 (13062923)
469251.78	3765977.39	0.01038 (14043023)	469301.78	3765977.39	0.01145 (12081305)
470001.78	3765977.39	0.01951 (15091224)	470051.78	3765977.39	0.01820 (14091224)
470101.78	3765977.39	0.01629 (13051924)	470151.78	3765977.39	0.01396 (15072403)
470201.78	3765977.39	0.01226 (12080206)	470251.78	3765977.39	0.01074 (14092603)
469051.78	3766027.39	0.00694 (12092823)	469101.78	3766027.39	0.00765 (13062923)
469151.78	3766027.39	0.00917 (14043023)	469201.78	3766027.39	0.01019 (12081305)
469251.78	3766027.39	0.01069 (15082601)	469301.78	3766027.39	0.01231 (14082624)
470001.78	3766027.39	0.01717 (13083102)	470051.78	3766027.39	0.01578 (12091523)
470101.78	3766027.39	0.01458 (12082404)	470151.78	3766027.39	0.01326 (15091224)
470201.78	3766027.39	0.01166 (14091224)	470251.78	3766027.39	0.01032 (13051924)
469051.78	3766077.39	0.00734 (14043023)	469101.78	3766077.39	0.00827 (12081305)
469151.78	3766077.39	0.00909 (14091123)	469201.78	3766077.39	0.00977 (16061924)
469251.78	3766077.39	0.01143 (14082624)	469301.78	3766077.39	0.01208 (13090606)
470001.78	3766077.39	0.01530 (16082002)	470051.78	3766077.39	0.01424 (14090102)
470101.78	3766077.39	0.01379 (13083102)	470151.78	3766077.39	0.01253 (12091523)
470201.78	3766077.39	0.01106 (12082404)	470251.78	3766077.39	0.00993 (16062903)
469051.78	3766127.39	0.00721 (14091123)	469101.78	3766127.39	0.00787 (15082601)
469151.78	3766127.39	0.00906 (14082624)	469201.78	3766127.39	0.01003 (12093021)
469251.78	3766127.39	0.01080 (13090606)	469301.78	3766127.39	0.01200 (15082901)
470001.78	3766127.39	0.01460 (14081802)	470051.78	3766127.39	0.01348 (12091601)
470101.78	3766127.39	0.01233 (13093020)	470151.78	3766127.39	0.01125 (14090102)
470201.78	3766127.39	0.01059 (13083102)	470251.78	3766127.39	0.00952 (12091523)
469051.78	3766177.39	0.00680 (16061924)	469101.78	3766177.39	0.00792 (14082624)
469151.78	3766177.39	0.00877 (12100221)	469201.78	3766177.39	0.00944 (13090606)
469251.78	3766177.39	0.01057 (15082901)	469301.78	3766177.39	0.01112 (13090402)
469351.78	3766177.39	0.01172 (13063001)	469401.78	3766177.39	0.01237 (12090802)
469451.78	3766177.39	0.01279 (12081104)	469501.78	3766177.39	0.01328 (15091901)
469551.78	3766177.39	0.01931 (16081522)	469601.78	3766177.39	0.01959 (15010717)
469651.78	3766177.39	0.01930 (15081403)	469701.78	3766177.39	0.01847 (16081423)
469751.78	3766177.39	0.01762 (12081702)	469801.78	3766177.39	0.01680 (12081706)
469851.78	3766177.39	0.01586 (15080524)	469901.78	3766177.39	0.01499 (14072601)
469951.78	3766177.39	0.01432 (12092822)	470001.78	3766177.39	0.01329 (12080802)

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Project DPM Emission Impacts \*\*\* 07/03/23

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 16:05:09

## Project\_REV6\_B.ADO

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): A0000018 , A0000019 , A0000020 , A0000021 , A0000022 ,  
 A0000023 , A0000024 , IDLE1 , IDLE2 , IDLE3 , IDLE4 , IDLE5 , IDLE6 ,  
 IDLE7 , IDLE8 , IDLE9 , IDLE10 , IDLE11 , IDLE12 , A0000025 , A0000026 ,  
 A0000027 , A0000028 , A0000029 , A0000030 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M) (YYMMDDHH)	Y-COORD (M) (YYMMDDHH)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC
470051.78	3766177.39	0.01243 (14081802)	470101.78	3766177.39	0.01159 (14090922)
470151.78	3766177.39	0.01047 (12050706)	470201.78	3766177.39	0.00952 (13093020)
470251.78	3766177.39	0.00853 (14090102)	469051.78	3766227.39	0.00677 (12093021)
469101.78	3766227.39	0.00748 (12100221)	469151.78	3766227.39	0.00796 (12093024)
469201.78	3766227.39	0.00926 (15082901)	469251.78	3766227.39	0.00959 (14092323)
469301.78	3766227.39	0.01005 (13090506)	469351.78	3766227.39	0.01056 (13082922)
469401.78	3766227.39	0.01123 (14102007)	469451.78	3766227.39	0.01154 (14092324)
469501.78	3766227.39	0.01217 (12072006)	469551.78	3766227.39	0.01770 (16081522)
469601.78	3766227.39	0.01767 (15010717)	469651.78	3766227.39	0.01734 (12090503)
469701.78	3766227.39	0.01698 (15091824)	469751.78	3766227.39	0.01607 (12061405)
469801.78	3766227.39	0.01533 (14081206)	469851.78	3766227.39	0.01467 (14091222)
469901.78	3766227.39	0.01382 (14081602)	469951.78	3766227.39	0.01309 (13090724)
470001.78	3766227.39	0.01246 (12092822)	470051.78	3766227.39	0.01143 (12090324)
470101.78	3766227.39	0.01046 (12080806)	470151.78	3766227.39	0.00987 (14081802)
470201.78	3766227.39	0.00890 (12091601)	470251.78	3766227.39	0.00792 (14083101)
469051.78	3766277.39	0.00627 (12100221)	469101.78	3766277.39	0.00680 (12093024)
469151.78	3766277.39	0.00781 (15082901)	469201.78	3766277.39	0.00838 (12092302)
469251.78	3766277.39	0.00871 (16081801)	469301.78	3766277.39	0.00866 (15082602)
469351.78	3766277.39	0.00938 (13082204)	469401.78	3766277.39	0.00986 (13090503)
469451.78	3766277.39	0.01045 (13090524)	469501.78	3766277.39	0.01127 (12072006)
469551.78	3766277.39	0.01611 (16081522)	469601.78	3766277.39	0.01599 (12072906)
469651.78	3766277.39	0.01595 (15090801)	469701.78	3766277.39	0.01552 (12091003)
469751.78	3766277.39	0.01490 (12081405)	469801.78	3766277.39	0.01425 (12081702)
469851.78	3766277.39	0.01357 (12081706)	469901.78	3766277.39	0.01289 (13091322)
469951.78	3766277.39	0.01202 (14081602)	470001.78	3766277.39	0.01123 (13090724)
470051.78	3766277.39	0.01068 (15091003)	470101.78	3766277.39	0.00969 (12083002)
470151.78	3766277.39	0.00884 (12080806)	470201.78	3766277.39	0.00815 (14081802)
470251.78	3766277.39	0.00746 (14090922)	469051.78	3766327.39	0.00571 (12093024)
469101.78	3766327.39	0.00658 (15082901)	469151.78	3766327.39	0.00699 (12092302)
469201.78	3766327.39	0.00752 (15092406)	469251.78	3766327.39	0.00777 (14082703)
469301.78	3766327.39	0.00794 (13082922)	469351.78	3766327.39	0.00832 (14102007)
469401.78	3766327.39	0.00867 (16062202)	469451.78	3766327.39	0.00950 (13090524)
469501.78	3766327.39	0.01043 (16081522)	469551.78	3766327.39	0.01455 (16081522)
469601.78	3766327.39	0.01438 (12072906)	469651.78	3766327.39	0.01452 (15090801)
469701.78	3766327.39	0.01390 (15092203)	469751.78	3766327.39	0.01356 (16081423)
469801.78	3766327.39	0.01273 (12061405)	469851.78	3766327.39	0.01237 (12081123)
469901.78	3766327.39	0.01171 (12081706)	469951.78	3766327.39	0.01112 (13091322)
470001.78	3766327.39	0.01020 (14081602)	470051.78	3766327.39	0.00950 (13090724)
470101.78	3766327.39	0.00904 (15091003)	470151.78	3766327.39	0.00820 (12083002)
470201.78	3766327.39	0.00737 (12090324)	470251.78	3766327.39	0.00665 (12080806)

† \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Project DPM Emission Impacts

\*\*\* 07/03/23

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 16:05:09

\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

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\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

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\*\*\*

INCLUDING SOURCE(S): A0000018 , A0000019 , A0000020 , A0000021 , A0000022 ,  
 A0000023 , A0000024 , IDLE1 , IDLE2 , IDLE3 , IDLE4 , IDLE5 , IDLE6 ,  
 IDLE7 , IDLE8 , IDLE9 , IDLE10 , IDLE11 , IDLE12 , A0000025 , A0000026 ,  
 A0000027 , A0000028 , A0000029 , A0000030 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M) (YYMMDDHH)	Y-COORD (M) (YYMMDDHH)	CONC (YYMMDDHH)	X-COORD (M) (YYMMDDHH)	Y-COORD (M) (YYMMDDHH)	CONC (YYMMDDHH)
---------------------------	---------------------------	--------------------	---------------------------	---------------------------	--------------------

469051.78	3766377.39	0.00549 (15082901)	469101.78	3766377.39	0.00587 (12092724)
469151.78	3766377.39	0.00632 (13090402)	469201.78	3766377.39	0.00673 (14082703)
469251.78	3766377.39	0.00689 (15080501)	469301.78	3766377.39	0.00690 (13082204)
469351.78	3766377.39	0.00701 (13090503)	469401.78	3766377.39	0.00760 (14092324)
469451.78	3766377.39	0.00832 (15091901)	469501.78	3766377.39	0.00970 (16081522)
469551.78	3766377.39	0.01297 (16081522)	469601.78	3766377.39	0.01279 (12072906)
469651.78	3766377.39	0.01303 (15090801)	469701.78	3766377.39	0.01251 (12090503)
469751.78	3766377.39	0.01215 (12081103)	469801.78	3766377.39	0.01161 (16081724)
469851.78	3766377.39	0.01120 (12081702)	469901.78	3766377.39	0.01060 (14081206)
469951.78	3766377.39	0.00999 (14091222)	470001.78	3766377.39	0.00941 (15080524)
470051.78	3766377.39	0.00854 (14072604)	470101.78	3766377.39	0.00790 (13090724)
470151.78	3766377.39	0.00749 (15091003)	470201.78	3766377.39	0.00679 (12083002)
470251.78	3766377.39	0.00615 (12090324)	469051.78	3766427.39	0.00490 (12092724)
469101.78	3766427.39	0.00534 (13090402)	469151.78	3766427.39	0.00560 (15092724)
469201.78	3766427.39	0.00570 (14060501)	469251.78	3766427.39	0.00603 (13082922)
469301.78	3766427.39	0.00607 (14102007)	469351.78	3766427.39	0.00596 (12081104)
469401.78	3766427.39	0.00659 (13092323)	469451.78	3766427.39	0.00718 (15091901)
469501.78	3766427.39	0.00957 (16081522)	469551.78	3766427.39	0.01147 (16081522)
469601.78	3766427.39	0.01137 (12072906)	469651.78	3766427.39	0.01151 (15090801)
469701.78	3766427.39	0.01119 (12090503)	469751.78	3766427.39	0.01085 (12091003)
469801.78	3766427.39	0.01044 (12081405)	469851.78	3766427.39	0.00984 (13082201)
469901.78	3766427.39	0.00962 (12081123)	469951.78	3766427.39	0.00900 (12081706)
470001.78	3766427.39	0.00815 (12060204)	470051.78	3766427.39	0.00757 (15080524)
470101.78	3766427.39	0.00706 (14072604)	470151.78	3766427.39	0.00655 (14070601)
470201.78	3766427.39	0.00623 (15091003)	470251.78	3766427.39	0.00561 (12083002)
469541.39	3765896.87	0.03479 (12082824)			

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Project DPM Emission Impacts \*\*\* 07/03/23

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE SUMMARY OF MAXIMUM PERIOD ( 43848 HRS) RESULTS \*\*\*

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

\*\*

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

ALL	1ST HIGHEST VALUE IS	0.00422 AT ( 469745.20, 3765817.05, 294.00, 739.00, 0.00) DC	
	2ND HIGHEST VALUE IS	0.00417 AT ( 469745.20, 3765797.05, 294.00, 739.00, 0.00) DC	
	3RD HIGHEST VALUE IS	0.00415 AT ( 469745.20, 3765837.05, 294.30, 739.00, 0.00) DC	
	4TH HIGHEST VALUE IS	0.00394 AT ( 469531.78, 3765857.39, 291.00, 739.00, 0.00) DC	
	5TH HIGHEST VALUE IS	0.00394 AT ( 469541.39, 3765896.87, 291.06, 739.00, 0.00) DC	
	6TH HIGHEST VALUE IS	0.00383 AT ( 469745.20, 3765857.05, 294.85, 739.00, 0.00) DC	
	7TH HIGHEST VALUE IS	0.00379 AT ( 469548.66, 3765917.39, 291.30, 739.00, 0.00) DC	
	8TH HIGHEST VALUE IS	0.00373 AT ( 469771.78, 3765817.39, 294.74, 739.00, 0.00) DC	
	9TH HIGHEST VALUE IS	0.00370 AT ( 469531.78, 3765877.39, 291.00, 739.00, 0.00) DC	
	10TH HIGHEST VALUE IS	0.00367 AT ( 469511.78, 3765837.39, 290.41, 739.00, 0.00) DC	

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

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Project DPM Emission Impacts \*\*\* 07/03/23  
\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* 16:05:09

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

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

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

GROUP ID TYPE GRID-ID	DATE AVERAGE CONC (YYMMDDHH)	NETWORK RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF
ALL HIGH 1ST HIGH VALUE IS DC	0.04355 ON 12080706: AT ( 469591.78, 3765957.39, 292.47, 739.00, 0.00)	

ALL HIGH 1ST HIGH VALUE IS 0.04355 ON 12080706: AT ( 469591.78, 3765957.39, 292.47, 739.00, 0.00)  
DC

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

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Project DPM Emission Impacts \*\*\* 07/03/23  
\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* 16:05:09

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\*\*\* MODELOPTs: 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 14 Warning Message(s)  
A Total of 1638 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 1039 Calm Hours Identified

A Total of 599 Missing Hours Identified ( 1.37 Percent)

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*

\*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*

SO W320	122	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	123	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	124	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	125	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	126	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	127	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	128	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	129	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	130	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS

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SO W320	131	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	132	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	133	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
ME W186	588	MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used	0.50
ME W187	588	MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET	

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

**Barton Road Development Project - Existing Land Use  
Emission Assumptions**

**2025  
DPM Emissions**

**1) Vehicle Emissions**

(a) Truck and Auto Traffic	EMFAC2021
(b) Location	San Bernardino County
(c) Truck Mix	Project Trip Generation Memo EMFAC2021 to derive the % of diesel truck vehicles
(d) Vehicle Travel Speed	Onsite Travel 5 mph Offsite Travel 25 mph
(e) Truck Idle time:	15 minutes (truck idling) for LHDT, MHDT, and HHDT diesel trucks
(f) Emission factors for	DPM emissions
(g) Emissions calculated for	2025

**2) Refrigerated Land Uses**

Percentage of Buildings used for Refrigeration (applies to DSL LHDT, MHDT and HHDT)
Building 1 0%

TRU Onsite Operating Time 0 hours

**3) Traffic Allocation**

- 1) Onsite travel emissions generated from vehicles traveling to building loading docks
  - 2) Onsite idling emissions generated only for heavy duty diesel trucks
  - 3) Offsite travel trips allocated in accordance with the Traffic Impact Memorandum
  - 4) Trip Allocation
- |                             | <b>Building Size</b> |
|-----------------------------|----------------------|
| Land Use 1- Specialty Trade | 12,950               |

**4) Emission Source Configuration**

- 1) Vehicle traffic represented by a line area source
- 2) Onsite idling represented as a series of point sources

**5) Vehicle Trip Lengths**

**Onsite Travel Links**

	<b>Travel Distance (m)</b>	<b>Trip Distance (mi)</b>
North driveway to Loading Docks	127	0.079

**Off site Travel Links**

	<b>Travel Distance (m)</b>	<b>Travel Distance (mi)</b>	<b>% of Truck Travel</b>
Offsite1: Project>Barton Road>I215	429	0.267	100%

**6) Other Input Parameters**

Facility Operations for Warehouses (hr/day):	24
Annual Operations (days/year)	365

**Barton Road Development Project - Existing Land Use**

**2025**

**Vehicle Trip Summary**

<b>Building Size</b>	
	<b>Total (sq-ft)</b>
Building	12,950
Land Use 1 - Specialty Trade Contractor	General Light Industry

Total 12,950

**Trip Generation**

Trip Generation Rate - Specialty 9.82 trips/TSF as per Traffic Trip Generation Memorandum

<b>Building</b>	<b>trips/day (Non-PCE)</b>
Land Use 1 - Specialty	127
Total	127

**Vehicle Fleet Mix and Daily Trips from Trip Generation Memo - Specialty Trade Contractor**

	<b>Vehicle Distribution</b>	<b>Daily Trips</b>
LDA (Passenger Vehicles)	72.50%	92
LHDT (2 axle truck)	4.60%	6
MHDT(3 axle truck)	5.70%	7
HHDT (4+ axle truck)	17.20%	22
	100.0%	127

**Passenger Vehicle Fleet Mix**

	<b>EMFAC2021 Fleet Mix</b>	<b>Redistribution of Fleet Mix</b>	<b>Daily Trips</b>
		<b>% Total</b>	
LDA	54.20%	59.1%	54
LDT1	6.10%	6.7%	6
LDT2	18.50%	20.2%	19
MDV	12.90%	14.1%	13
Total	91.70%	100.0%	92

**Light Heavy Duty Fleet Mix**

	<b>EMFAC2021 Fleet Mix</b>	<b>Redistribution of Fleet Mix</b>	<b>Daily Trips</b>	<b>%DSL</b>	<b>DSL Trips</b>
		<b>% Total</b>			
LHDT1	49.93%	63.9%	4	100%	4
LHDT2	28.16%	36.1%	2	100%	2
Total	78.09%	100.0%	6		6

CalEEMod Assumption: Passenger Vehicles + Local Trucks: LDA+LDT+MDT+LHDT  
w/CalEEMod default trip distances

	<b>Fleet Mix</b>	<b>Total Trips</b>	<b>%Total</b>	<b>Daily Trip Rate</b> (Trips/TSF)
LDA	54	55.6%		
LDT1	6	6.3%		
LDT2	19	19.0%		
MDV	13	13.2%		
LHDT1	4	3.6%		
LHDT2	2	2.2%		
Total	98	100.0%		7.57

CalEEMod Assumption: Haul Trucks: MHDT +HHDT w/ trip distance of 40 miles

	<b>Fleet Mix</b>	<b>Total Trips</b>	<b>%Total</b>	<b>Daily Trip Rate</b> (Trips/TSF)	<b>%DPM</b>	<b>DSL Trips</b>
MHDT	7	24.9%			100%	7
HHDT	22	75.1%			100%	22
Total	29	100.0%		2.25		29

**Composite Fleet Mix**

	<b>Number of Daily Trips</b>	<b>% Total</b>
LDA	54	42.9%
LDT1	6	4.8%
LDT2	19	14.6%
MDV	13	10.2%
LHDT1	4	2.9%
LHDT2	2	1.7%
MHDT	7	5.7%
HHDT	22	17.2%
Total	127	100.0%

9.82

**Haul Truck Daily Trip Summary**

<b>Vehicle</b>	<b>Specality</b>	<b>Trade Contractor</b>	<b>Total</b>
MHDT	7		7
HHDT	22		22
Total	29		29

**Combined Fleet Mix (All Vehicles)**

	<b>Specality</b>	<b>Trade Contractor</b>	<b>Total</b>	<b>% Total</b>
LDA	54		54	42.9%
LDT1	6		6	4.8%
LDT2	19		19	14.6%
MDT	13		13	10.2%
LHDT1	4		4	2.9%
LHDT2	2		2	1.7%
MHDT	7		7	5.7%
HHDT	22		22	17.2%
	127		127	100.0%

**Heavy Duty Diesel Truck Fleet**

	<b>Specality</b>	<b>Trade Contractor</b>
LHDT1	4	
LHDT2	2	
MHDT	7	
HHDT	22	
Total	35	

## Barton Road Development Project - Existing Land Use

2025

Pollutant: DPM  
Year: 2025

### Emission Summary

Vehicle Class		Emissions (g/sec)	Emissions (lbs/day)		
ONSITE1	Land Use 1	1.12E-06	2.12E-04		
Idling					
IB1	Land Use 1	1.61E-05	3.07E-03	Number of Idle Sources	Emissions per Idle Source (g/sec)
				4	4.03E-06
Offsite Emissions					
	Offsite 1	1.53E-06	2.91E-04		
Total Emissions					
Total		1.88E-05	3.57E-03		

Vehicle Fleet Mix and Daily Trips from Trip Generation Memo - Specialty Trade Contractor

**Truck Operations**

AERMOD ID	On-Site Truck Delivery Emissions	(mi)	Operations	DSL Daily										DSL Daily			
				HHD <sup>T</sup>	MHD <sup>T</sup>	LHD <sup>T1</sup>	LHD <sup>T2</sup>	TRU	HHD <sup>T</sup>	MHD <sup>T</sup>	LHD <sup>T1</sup>	LHD <sup>T2</sup>	Trucks	TRU	Truck+TRU	Truck+TRU	Truck+TRU
				Truck Trips	Trucks Trips	Trucks Trips	Trucks Trips	Trips	(g/day)	(g/day)	(g/day)	(g/day)	(g/day)	(g/day)	(lb/day)	(g/sec)	(g/sec)
ONSITE1	Exhaust Emissions - Truck Travel to Land Use 1/2	0.079	24	22	7	4	2	0	2.63E-02	2.38E-02	3.11E-02	1.53E-02	9.64E-02	0.00E+00	9.64E-02	2.12E-04	1.12E-06

Operation Days = 365

Delivery Truck Hours (hrs/day) = 24

Delivery Truck Speed (mph) = 5

Daily Truck Emissions = Emission Factor (g/mi) \* (Truck trips/day) \* (miles/Truck Trip)

Daily TRU Emissions = Emission Rate (g/hr) \* (TRU Trips/day / Speed (m/hr) \* (miles/TRU Trip))

**Diesel Truck Emission Factors (EMFAC2021)**

2-Axle (LHD <sup>T1</sup> ) =	0.105
2-axle (LHD <sup>T2</sup> )	0.092
3-Axle MHDT (g/mi) =	0.042
4-Axle HHD (g/mi) =	0.015

Truck emissions for trucks based on EMFAC 2021 for truck speed of 5 mph

2025

Maximum emission factors for counties in the SCAQMD

**Barton Road Development Project - Existing Land Use 2025**

**Onsite Truck Delivery Idling Emissions**

**DPM Emissions**

**Truck Onsite Idling and TRU Operations**

AERMOD ID	User / Location	Average Daily Truck Deliveries					Idle Time per Truck (hour/day)	HHDTtruck Emissions (g/day)	MHDTtruck Emissions (g/day)	LHDTruck1 Emissions (g/day)	LHDTruck2 Emissions (g/day)	Total Truck (g/day)	TRU OP Time (hours/day/TRU)	Total TRU Emissions (g/day)	Total Emissions (g/day)	Emissions Average (lb/day)	Emissions Average (g/sec)	
		HHDT Trucks	MHDT Trucks	LHDTruck1 Trucks	LHDTruck2 Trucks	TRU Number												
<b>Truck Idling Sources</b>																		
IB1	Idling Sources - Land Use 1/2	11	4	2	1	0	0.250	2.75E-02	7.88E-02	3.75E-01	2.14E-01	6.96E-01	0.000	6.96E-01	1.39E+00	3.07E-03	1.61E-05	

Daily Operation = 24 per day  
 Operation Days = 365 days/year

Daily Truck idle emissions = Idle EF (g/hr) \* idle time (min)/60 / daily hours (hr)/3600 \* No. trucks

**Diesel Diesel Truck Emission Factors<sup>b</sup>**

LHDT1 Truck Idle Emissions (g/hr)= 0.803 g/hr  
 LHDT2 Truck Idle Emissions (g/hr)= 0.813 g/hr  
 MHDT Truck Idle Emissions (g/hr) = 0.087 g/hr  
 HHD Truck Idle Emissions (g/hr) = 0.010 g.hr

Truck idle time (min) = 15 min

Notes:

TRU emission factor from OFFROAD2017

Idling emission factor derived from CARB EMFAC2021 model as the fleet average for 2025  
 Maximum emission factors from all counties in the SCAQMD

**Truck Operations**

Off-Site Truck Delivery Emissions - Alternative 1

AERMOD ID	Trip Description	Trip		Number of	Number of	Number of	Number of	HHDT	MHDT	LHDT1	LHDT2	Total Emissions				
		Length (mi)	Operations (hr)	HHDT Trips (trips/day)	MHDT (trips/day)	LHDT1 (trips/day)	LHDT2 (trips/day)	TRU Trips (trips/day)	Emissions (grams/day)	Emissions (grams/day)	Emissions (grams/day)	Truck Emissions (g/day)	TRU Total (grams/day)	Daily Total (lbs/day)	Hourly Ave (grams/sec)	
OFFSITE1	Offsite1: Project>Barton Road>I215	0.267	24	22	7	4	2	0	4.31E-02	2.07E-02	4.43E-02	2.40E-02	1.32E-01	0.00E+00	2.91E-04	1.53E-06
Total									4.31E-02	2.07E-02	4.43E-02	2.40E-02	1.32E-01	0.00E+00	2.91E-04	1.53E-06

Operation Days =

365 Daily Truck Emissions = Emission Factor (g/mi) \* (Truck trips/day) \* (miles/Truck Trip)

Delivery Truck Hours (hrs/day) =

24

Delivery Truck Speed (mph) =

25 Daily TRU Emissions = Emi

**Diesel Truck Emission Factors (EMFAC2017)**

2-axle LHDT1 (g/mi)=	0.044
2-axle LHDT2 (g/mi)=	0.043
3-Axle MHDT (g/mi)=	0.011
4-Axle HHD (g/mi)=	0.007

Truck emissions for trucks based on EMFAC 2021 for truck speed of 25 mph and

Maximum emission factors from all counties within the SCAQMD

2025

Source: EMFAC2021 (v1.0.2) Emission Rates

Region Type: County

Region: Los Angeles, Riverside, San Bernardino, Orange

Calendar Year: 2025

Season: Annual

Vehicle Classification: EMFAC2007 Categories

Units: miles/day for CVMT and EVMT, g/mile for RUNEX, PMBW and PMTW, mph for Speed, kWh/mile for Energy Consumption, gallon/mile for Fuel Consumption. PHEV calculated based on total VMT.

Region	Calendar Y	Vehicle Cat	Model	Yea	Speed	Fuel	Total VMT	CVMT	EVMT	PM10_RUNEX	Max PM10_RUNEX (*)
Riverside	2025	LHDT1	Aggregate	5	Diesel	34.0549	34.0549	0	0.099629	0.105331	
Orange	2025	LHDT1	Aggregate	5	Diesel	43.7113	43.7113	0	0.068945		
Los Angele	2025	LHDT1	Aggregate	5	Diesel	433.461	433.461	0	0.064568		
San Bernar	2025	LHDT1	Aggregate	5	Diesel	9.897321	9.897321	0	0.105331		
Los Angele	2025	LHDT2	Aggregate	5	Diesel	193.065	193.065	0	0.064336	0.091695	
San Bernar	2025	LHDT2	Aggregate	5	Diesel	4.366826	4.366826	0	0.091695		
Riverside	2025	LHDT2	Aggregate	5	Diesel	15.50237	15.50237	0	0.090338		
Orange	2025	LHDT2	Aggregate	5	Diesel	18.73724	18.73724	0	0.063919		
Orange	2025	T6-MHDT	Aggregate	5	Diesel	701.0615	701.0615	0	0.027542	0.041635	
Los Angele	2025	T6-MHDT	Aggregate	5	Diesel	1548.815	1548.815	0	0.041635		
San Bernar	2025	T6-MHDT	Aggregate	5	Diesel	64.53948	64.53948	0	0.028507		
Riverside	2025	T6-MHDT	Aggregate	5	Diesel	298.8672	298.8672	0	0.035479		
San Bernar	2025	T7-HHDT	Aggregate	5	Diesel	20.97318	20.97318	0	0.011929	0.015233	
Riverside	2025	T7-HHDT	Aggregate	5	Diesel	80.58759	80.58759	0	0.012805		
Orange	2025	T7-HHDT	Aggregate	5	Diesel	42.79244	42.79244	0	0.015233		
Los Angele	2025	T7-HHDT	Aggregate	5	Diesel	501.6394	501.6394	0	0.014952		
San Bernar	2025	LHDT1	Aggregate	25	Diesel	14088.86	14088.86	0	0.043876	0.044459	
Riverside	2025	LHDT1	Aggregate	25	Diesel	16549.12	16549.12	0	0.044459		
Orange	2025	LHDT1	Aggregate	25	Diesel	35408.09	35408.09	0	0.032749		
Los Angele	2025	LHDT1	Aggregate	25	Diesel	128189.9	128189.9	0	0.030248		
Orange	2025	LHDT2	Aggregate	25	Diesel	15177.99	15177.99	0	0.031159	0.04271	
Los Angele	2025	LHDT2	Aggregate	25	Diesel	57081.76	57081.76	0	0.030739		
San Bernar	2025	LHDT2	Aggregate	25	Diesel	6117.36	6117.36	0	0.041238		
Riverside	2025	LHDT2	Aggregate	25	Diesel	7518.083	7518.083	0	0.04271		
Riverside	2025	T6-MHDT	Aggregate	25	Diesel	20210.51	20210.51	0	0.009227	0.010719	
Orange	2025	T6-MHDT	Aggregate	25	Diesel	59935.7	59935.7	0	0.007385		
Los Angele	2025	T6-MHDT	Aggregate	25	Diesel	191706	191706	0	0.010719		
San Bernar	2025	T6-MHDT	Aggregate	25	Diesel	25646.66	25646.66	0	0.007592		
Los Angele	2025	T7-HHDT	Aggregate	25	Diesel	190649.5	190649.5	0	0.007302	0.007388	
San Bernar	2025	T7-HHDT	Aggregate	25	Diesel	26191.82	26191.82	0	0.00655		
Riverside	2025	T7-HHDT	Aggregate	25	Diesel	29769.48	29769.48	0	0.006349		
Orange	2025	T7-HHDT	Aggregate	25	Diesel	24371.08	24371.08	0	0.007388		

#### Idling Emission Factors (\*)

#### Max Idle Rate grams/hr

2025 Annual	Los Angele LHDT1	IDLEX	PM10	0.803
2025 Annual	Los Angele LHDT2	IDLEX	PM10	0.813
2025 Annual	Riverside (: T6-MHDT	IDLEX	PM10	0.087
2025 Annual	Orange (SC T7-HHDT	IDLEX	PM10	<u>0.016</u>

(\*) Emission factors selected as the highest factors by vehicle clas, vehicle speed, and SCAQMD counties (LA, OR, RV,SB)

Existing REV6.ADO

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Existing Land Use DPM Emission Impacts  
\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* \*\*\* \*\*\* 05:46:32 \*\*\* 06/30/23  
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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* MODEL SETUP OPTIONS SUMMARY \*\*\*

\*\* Model Options Selected:  
\* Model Allows User-Specified Options  
\* Model Is Setup For Calculation of Average CONCenration Values.  
\* NO GAS DEPOSITION Data Provided.  
\* NO PARTICLE DEPOSITION Data Provided.  
\* Model Uses NO DRY DEPLETION. DDPLTE = F  
\* Model Uses NO WET DEPLETION. WETDPLT = F  
\* Stack-tip Downwash.  
\* Model Accounts for ELEVated Terrain Effects.  
\* Use Calms Processing Routine.  
\* Use Missing Data Processing Routine.  
\* No Exponential Decay.  
\* Model Uses URBAN Dispersion Algorithm for the SBL for 12 Source(s),  
for Total of 1 Urban Area(s):

Urban Population = 2035210.0 ; Urban Roughness Length = 1.000 m  
\* Urban Roughness Length of 1.0 Meter Used.  
\* ADJ\_U\* - Use ADJ\_U\* option for SBL in AERMET  
\* CCVR\_Sub - Meteorological data includes CCVR substitutions  
\* TEMP\_Sub - Meteorological data includes TEMP substitutions  
\* Model Assumes No FLAGPOLE Receptor Heights.  
\* The User Specified a Pollutant Type of: DPM

\*\*Model Calculates 1 Short Term Average(s) of: 1-HR  
and Calculates PERIOD Averages

\*\*This Run Includes: 12 Source(s); 1 Source Group(s); and 1251 Receptor(s)

with: 4 POINT(s), including  
0 POINTCAP(s) and 0 POINTHOR(s)  
and: 0 VOLUME source(s)  
and: 8 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 a total of 0 line(s)  
and: 0 SWPOINT source(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 PERIOD 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) = 245.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0  
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07

Existing REV6.ADO

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: Existing REV6.err

\*\*File for Summary of Results: Existing REV6.sum

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Existing Land Use DPM Emission Impacts \*\*\* 06/30/23

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\*\*\* MODELOPTs: 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									

IDLE4	0	0.40300E-05	469673.8	3765903.8	293.5	3.66	366.00	51.70	0.10	YES	YES	NO
IDLE5	0	0.40300E-05	469676.6	3765897.0	293.6	3.66	366.00	51.70	0.10	YES	YES	NO
IDLE6	0	0.40300E-05	469725.8	3765905.4	294.2	3.66	366.00	51.70	0.10	YES	YES	NO
IDLE7	0	0.40300E-05	469725.8	3765912.3	294.2	3.66	366.00	51.70	0.10	YES	YES	NO

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* AREA SOURCE DATA \*\*\*

NUMBER EMISSION RATE COORD (SW CORNER)		BASE	RELEASE	X-DIM	Y-DIM	ORIENT.	INIT.			
URBAN EMISSION RATE	SOURCE PART. (GRAMS/SEC)	X	Y	ELEV.	HEIGHT	OF AREA	OF AREA	OF AREA	SZ	SOURCE
SCALAR VARY	ID CATS. /METER**2)	(METERS)	(DEG.)	(METERS)						
BY										

A0000025	0	0.17157E-09	469655.0	3765947.9	293.8	3.11	123.97	21.00	5.40	2.89	YES
A0000026	0	0.17157E-09	469781.9	3765936.5	295.1	3.11	82.02	21.00	-13.71	2.89	YES
A0000027	0	0.17157E-09	469853.0	3765957.6	297.4	3.11	39.46	21.00	35.65	2.89	YES
A0000028	0	0.17157E-09	469892.8	3765932.7	298.4	3.11	49.53	21.00	-9.03	2.89	YES
A0000029	0	0.17157E-09	469940.8	3765940.4	298.8	3.11	32.15	21.00	-4.04	2.89	YES
A0000030	0	0.17157E-09	469972.3	3765942.6	298.5	3.11	97.52	21.00	-0.95	2.89	YES
A0000031	0	0.91017E-09	469644.8	3765948.5	293.5	3.11	55.64	9.66	89.20	2.89	YES
A0000032	0	0.91017E-09	469650.3	3765888.1	293.0	3.11	71.78	9.66	0.49	2.89	YES

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID

SOURCE IDs

Existing REV6.ADO

ALL IDLE4 , IDLE5 , IDLE6 , IDLE7 , A0000025 , A0000026 , A0000027 , A0000028 ,

A0000029 , A0000030 , A0000031 , A0000032 ,  
 ♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Existing Land Use DPM Emission Impacts \*\*\* 06/30/23  
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 \*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

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

URBAN ID	URBAN POP	SOURCE IDs
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2035210. IDLE4 , IDLE5 , IDLE6 , IDLE7 , A0000025 , A0000026 , A0000027 ,  
 A0000028 ,

A0000029 , A0000030 , A0000031 , A0000032 ,  
 ♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Existing Land Use DPM Emission Impacts \*\*\* 06/30/23  
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 \*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* DIRECTION SPECIFIC BUILDING DIMENSIONS \*\*\*

**SOURCE ID: IDLE4**

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	7.6,	29.0,	31.9,	1.8,	-2.7,	2	7.6,	33.1,	32.7,	2.6,	0.2,
3	7.6,	36.1,	32.4,	3.4,	3.1,	4	7.6,	38.1,	31.2,	4.1,	5.9,
5	7.6,	38.9,	31.1,	2.6,	8.5,	6	7.6,	38.5,	30.8,	0.3,	10.9,
7	7.6,	36.9,	29.5,	-2.0,	12.9,	8	7.6,	34.3,	27.4,	-4.3,	14.5,
9	7.6,	30.6,	24.4,	-6.5,	15.7,	10	7.6,	31.9,	29.0,	-11.8,	17.7,
11	7.6,	32.7,	33.1,	-16.7,	19.0,	12	7.6,	32.4,	36.1,	-21.1,	19.6,
13	0.0,	0.0,	0.0,	0.0,	0.0,	14	7.6,	31.1,	38.9,	-27.9,	18.2,
15	7.6,	30.8,	38.5,	-30.1,	15.7,	16	7.6,	29.5,	36.9,	-31.4,	12.7,
17	7.6,	27.4,	34.3,	-31.7,	9.4,	18	7.6,	24.4,	30.6,	-31.0,	5.7,
19	7.6,	29.0,	31.9,	-33.7,	2.7,	20	7.6,	33.1,	32.7,	-35.3,	-0.2,
21	7.6,	36.1,	32.4,	-35.8,	-3.1,	22	7.6,	38.1,	31.2,	-35.3,	-5.9,
23	7.6,	34.3,	32.5,	-56.8,	15.2,	24	7.6,	35.8,	30.1,	-58.3,	8.0,
25	7.6,	36.2,	26.6,	-58.0,	0.6,	26	7.6,	35.6,	22.4,	-55.9,	-6.9,
27	7.6,	34.6,	18.3,	-52.2,	-13.7,	28	7.6,	36.3,	20.4,	-48.3,	-20.6,
29	7.6,	32.7,	33.1,	-16.4,	-19.0,	30	7.6,	32.4,	36.1,	-15.0,	-19.6,
31	0.0,	0.0,	0.0,	0.0,	0.0,	32	7.6,	31.1,	38.9,	-10.9,	-18.2,
33	7.6,	30.8,	38.5,	-8.4,	-15.7,	34	7.6,	29.5,	36.9,	-5.6,	-12.7,
35	7.6,	27.4,	34.3,	-2.6,	-9.4,	36	7.6,	24.4,	30.6,	0.5,	-5.7,

**SOURCE ID: IDLE5**

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	7.6,	29.0,	31.9,	8.0,	1.2,	2	7.6,	33.1,	32.7,	8.1,	5.1,
3	7.6,	36.1,	32.4,	8.0,	8.9,	4	7.6,	38.1,	31.2,	7.6,	12.4,
5	7.6,	38.9,	31.1,	4.9,	15.5,	6	7.6,	38.5,	30.8,	1.3,	18.2,
7	7.6,	36.9,	29.5,	-2.3,	20.3,	8	0.0,	0.0,	0.0,	0.0,	0.0,
9	0.0,	0.0,	0.0,	0.0,	0.0,	10	0.0,	0.0,	0.0,	0.0,	0.0,
11	0.0,	0.0,	0.0,	0.0,	0.0,	12	0.0,	0.0,	0.0,	0.0,	0.0,
13	0.0,	0.0,	0.0,	0.0,	0.0,	14	0.0,	0.0,	0.0,	0.0,	0.0,
15	7.6,	30.8,	38.5,	-37.4,	16.7,	16	7.6,	29.5,	36.9,	-38.8,	12.5,
17	7.6,	27.4,	34.3,	-38.9,	7.8,	18	7.6,	24.4,	30.6,	-37.9,	3.0,
19	7.6,	29.0,	31.9,	-39.9,	-1.2,	20	7.6,	33.1,	32.7,	-40.8,	-5.1,

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21	7.6,	36.1,	32.4,	-40.4,	-8.9,	22	7.6,	31.7,	34.7,	-57.6,	15.4,
23	7.6,	34.3,	32.5,	-59.1,	8.1,	24	7.6,	35.8,	30.1,	-59.3,	0.7,
25	7.6,	36.2,	26.6,	-57.7,	-6.8,	26	7.6,	35.6,	22.4,	-54.4,	-14.1,
27	7.6,	34.6,	18.3,	-49.4,	-20.6,	28	0.0,	0.0,	0.0,	0.0,	0.0,
29	0.0,	0.0,	0.0,	0.0,	0.0,	30	0.0,	0.0,	0.0,	0.0,	0.0,
31	0.0,	0.0,	0.0,	0.0,	0.0,	32	0.0,	0.0,	0.0,	0.0,	0.0,
33	7.6,	30.8,	38.5,	-1.1,	-16.7,	34	7.6,	29.5,	36.9,	1.8,	-12.5,
35	7.6,	27.4,	34.3,	4.6,	-7.8,	36	7.6,	24.4,	30.6,	7.3,	-3.0,

SOURCE ID: IDLE6

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	7.6,	11.1,	9.5,	-38.0,	-2.3,	2	7.6,	12.0,	10.8,	-37.8,	-8.1,
3	7.6,	28.2,	36.3,	-13.2,	16.3,	4	7.6,	31.7,	34.7,	-15.1,	16.9,
5	7.6,	34.3,	32.5,	-16.6,	17.0,	6	7.6,	35.8,	30.1,	-17.6,	16.6,
7	7.6,	36.2,	26.6,	-18.0,	15.7,	8	7.6,	35.6,	22.4,	-17.9,	14.4,
9	7.6,	34.6,	18.3,	-18.1,	12.1,	10	7.6,	36.3,	20.4,	-22.9,	10.0,
11	7.6,	36.9,	23.8,	-27.1,	7.6,	12	7.6,	36.3,	28.2,	-30.4,	5.0,
13	7.6,	34.7,	31.7,	-32.8,	2.2,	14	7.6,	32.5,	34.3,	-34.2,	-0.3,
15	7.6,	30.1,	35.8,	-34.5,	-2.5,	16	7.6,	26.6,	36.2,	-33.9,	-4.7,
17	7.6,	22.4,	35.6,	-32.1,	-6.7,	18	7.6,	18.3,	34.6,	-29.4,	-8.9,
19	7.6,	20.4,	36.3,	-28.2,	-12.8,	20	7.6,	23.8,	36.9,	-26.1,	-15.2,
21	7.6,	28.2,	36.3,	-23.2,	-16.3,	22	7.6,	31.7,	34.7,	-19.6,	-16.9,
23	7.6,	34.3,	32.5,	-16.0,	-17.0,	24	7.6,	35.8,	30.1,	-12.5,	-16.6,
25	7.6,	36.2,	26.6,	-8.6,	-15.7,	26	7.6,	35.6,	22.4,	-4.5,	-14.4,
27	7.6,	34.6,	18.3,	-0.2,	-12.1,	28	7.6,	36.3,	20.4,	2.6,	-10.0,
29	7.6,	36.9,	23.8,	3.2,	-7.6,	30	7.6,	36.3,	28.2,	2.2,	-5.0,
31	7.6,	34.7,	31.7,	1.1,	-2.2,	32	7.6,	32.5,	34.3,	-0.1,	0.3,
33	7.6,	30.1,	35.8,	-1.3,	2.5,	34	7.6,	26.6,	36.2,	-2.4,	4.7,
35	7.6,	11.1,	9.5,	-36.8,	9.2,	36	7.6,	9.9,	7.8,	-37.1,	3.5,

SOURCE ID: IDLE7

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	7.6,	11.1,	9.5,	-44.9,	-3.5,	2	7.6,	23.8,	36.9,	-17.4,	12.8,
3	7.6,	28.2,	36.3,	-19.2,	12.8,	4	7.6,	31.7,	34.7,	-20.4,	12.5,
5	7.6,	34.3,	32.5,	-21.1,	11.7,	6	7.6,	35.8,	30.1,	-21.1,	10.6,
7	7.6,	36.2,	26.6,	-20.4,	9.2,	8	7.6,	35.6,	22.4,	-19.2,	7.5,
9	7.6,	34.6,	18.3,	-18.1,	5.2,	10	7.6,	36.3,	20.4,	-21.8,	3.2,
11	7.6,	36.9,	23.8,	-24.7,	1.1,	12	7.6,	36.3,	28.2,	-26.9,	-1.0,
13	7.6,	34.7,	31.7,	-28.3,	-3.1,	14	7.6,	32.5,	34.3,	-28.9,	-4.8,
15	7.6,	30.1,	35.8,	-28.5,	-6.0,	16	7.6,	26.6,	36.2,	-27.3,	-7.1,
17	7.6,	22.4,	35.6,	-25.3,	-8.0,	18	7.6,	18.3,	34.6,	-22.5,	-9.0,
19	7.6,	20.4,	36.3,	-21.3,	-11.6,	20	7.6,	23.8,	36.9,	-19.5,	-12.8,
21	7.6,	28.2,	36.3,	-17.1,	-12.8,	22	7.6,	31.7,	34.7,	-14.2,	-12.5,
23	7.6,	34.3,	32.5,	-11.5,	-11.7,	24	7.6,	35.8,	30.1,	-9.0,	-10.6,
25	7.6,	36.2,	26.6,	-6.2,	-9.2,	26	7.6,	35.6,	22.4,	-3.3,	-7.5,
27	7.6,	34.6,	18.3,	-0.2,	-5.2,	28	7.6,	36.3,	20.4,	1.4,	-3.2,
29	7.6,	36.9,	23.8,	0.9,	-1.1,	30	7.6,	36.3,	28.2,	-1.3,	1.0,
31	7.6,	34.7,	31.7,	-3.4,	3.1,	32	7.6,	32.5,	34.3,	-5.4,	4.8,
33	7.6,	30.1,	35.8,	-7.3,	6.0,	34	7.6,	26.6,	36.2,	-8.9,	7.1,
35	7.6,	22.4,	35.6,	-10.3,	8.0,	36	7.6,	9.9,	7.8,	-44.1,	3.5,

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Existing Land Use DPM Emission Impacts  
\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* \*\*\*

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

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

( 469745.2, 3765777.0, 294.0, 739.0, 0.0); ( 469745.2, 3765797.0, 294.0, 739.0, 0.0);  
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( 469745.2, 3765817.0,	294.0,	739.0,	0.0);	( 469745.2, 3765837.0,	294.3,	739.0,	0.0);
( 469745.2, 3765857.0,	294.9,	739.0,	0.0);	( 469745.2, 3765877.0,	294.9,	739.0,	0.0);
( 469745.2, 3765897.0,	294.9,	739.0,	0.0);	( 469548.7, 3765917.4,	291.3,	739.0,	0.0);
( 469745.2, 3765917.0,	294.9,	739.0,	0.0);	( 469551.8, 3765937.4,	291.4,	739.0,	0.0);
( 469745.2, 3765937.0,	294.9,	739.0,	0.0);	( 469351.8, 3765577.4,	287.2,	739.0,	0.0);
( 469371.8, 3765577.4,	287.6,	739.0,	0.0);	( 469391.8, 3765577.4,	288.0,	739.0,	0.0);
( 469411.8, 3765577.4,	288.0,	739.0,	0.0);	( 469431.8, 3765577.4,	288.3,	739.0,	0.0);
( 469451.8, 3765577.4,	288.7,	739.0,	0.0);	( 469471.8, 3765577.4,	288.2,	739.0,	0.0);
( 469491.8, 3765577.4,	288.3,	739.0,	0.0);	( 469511.8, 3765577.4,	288.7,	739.0,	0.0);
( 469531.8, 3765577.4,	288.7,	739.0,	0.0);	( 469551.8, 3765577.4,	288.8,	739.0,	0.0);
( 469571.8, 3765577.4,	289.0,	739.0,	0.0);	( 469591.8, 3765577.4,	289.0,	739.0,	0.0);
( 469611.8, 3765577.4,	289.2,	739.0,	0.0);	( 469631.8, 3765577.4,	289.3,	739.0,	0.0);
( 469651.8, 3765577.4,	288.7,	739.0,	0.0);	( 469671.8, 3765577.4,	288.4,	739.0,	0.0);
( 469691.8, 3765577.4,	288.4,	739.0,	0.0);	( 469711.8, 3765577.4,	288.4,	739.0,	0.0);
( 469731.8, 3765577.4,	288.9,	739.0,	0.0);	( 469751.8, 3765577.4,	289.8,	739.0,	0.0);
( 469771.8, 3765577.4,	290.9,	739.0,	0.0);	( 469791.8, 3765577.4,	291.6,	739.0,	0.0);
( 469811.8, 3765577.4,	292.1,	739.0,	0.0);	( 469831.8, 3765577.4,	292.7,	739.0,	0.0);
( 469851.8, 3765577.4,	293.0,	739.0,	0.0);	( 469871.8, 3765577.4,	293.0,	739.0,	0.0);
( 469891.8, 3765577.4,	293.0,	739.0,	0.0);	( 469911.8, 3765577.4,	293.0,	739.0,	0.0);
( 469931.8, 3765577.4,	293.0,	739.0,	0.0);	( 469951.8, 3765577.4,	293.2,	739.0,	0.0);
( 469351.8, 3765597.4,	287.0,	739.0,	0.0);	( 469371.8, 3765597.4,	287.3,	739.0,	0.0);
( 469391.8, 3765597.4,	287.7,	739.0,	0.0);	( 469411.8, 3765597.4,	287.9,	739.0,	0.0);
( 469431.8, 3765597.4,	288.3,	739.0,	0.0);	( 469451.8, 3765597.4,	288.6,	739.0,	0.0);
( 469471.8, 3765597.4,	288.4,	739.0,	0.0);	( 469491.8, 3765597.4,	288.6,	739.0,	0.0);
( 469511.8, 3765597.4,	289.0,	739.0,	0.0);	( 469531.8, 3765597.4,	289.0,	739.0,	0.0);
( 469551.8, 3765597.4,	289.2,	739.0,	0.0);	( 469571.8, 3765597.4,	289.4,	739.0,	0.0);
( 469591.8, 3765597.4,	289.4,	739.0,	0.0);	( 469611.8, 3765597.4,	289.6,	739.0,	0.0);
( 469631.8, 3765597.4,	289.9,	739.0,	0.0);	( 469651.8, 3765597.4,	289.5,	739.0,	0.0);
( 469671.8, 3765597.4,	289.5,	739.0,	0.0);	( 469691.8, 3765597.4,	289.7,	739.0,	0.0);
( 469711.8, 3765597.4,	289.7,	739.0,	0.0);	( 469731.8, 3765597.4,	290.0,	739.0,	0.0);
( 469751.8, 3765597.4,	290.4,	739.0,	0.0);	( 469771.8, 3765597.4,	290.8,	739.0,	0.0);
( 469791.8, 3765597.4,	291.3,	739.0,	0.0);	( 469811.8, 3765597.4,	291.7,	739.0,	0.0);
( 469831.8, 3765597.4,	292.4,	739.0,	0.0);	( 469851.8, 3765597.4,	292.6,	739.0,	0.0);
( 469871.8, 3765597.4,	292.6,	739.0,	0.0);	( 469891.8, 3765597.4,	292.6,	739.0,	0.0);
( 469911.8, 3765597.4,	292.8,	739.0,	0.0);	( 469931.8, 3765597.4,	293.0,	739.0,	0.0);
( 469951.8, 3765597.4,	293.0,	739.0,	0.0);	( 469351.8, 3765617.4,	287.0,	739.0,	0.0);
( 469371.8, 3765617.4,	287.0,	739.0,	0.0);	( 469391.8, 3765617.4,	287.1,	739.0,	0.0);
( 469411.8, 3765617.4,	287.7,	739.0,	0.0);	( 469431.8, 3765617.4,	288.0,	739.0,	0.0);
( 469451.8, 3765617.4,	288.1,	739.0,	0.0);	( 469471.8, 3765617.4,	288.7,	739.0,	0.0);
( 469491.8, 3765617.4,	289.0,	739.0,	0.0);	( 469511.8, 3765617.4,	289.0,	739.0,	0.0);
( 469531.8, 3765617.4,	289.0,	739.0,	0.0);	( 469551.8, 3765617.4,	289.4,	739.0,	0.0);
( 469571.8, 3765617.4,	290.0,	739.0,	0.0);	( 469591.8, 3765617.4,	290.0,	739.0,	0.0);
( 469611.8, 3765617.4,	290.0,	739.0,	0.0);	( 469631.8, 3765617.4,	290.0,	739.0,	0.0);
( 469651.8, 3765617.4,	290.0,	739.0,	0.0);	( 469671.8, 3765617.4,	290.4,	739.0,	0.0);

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Existing Land Use DPM Emission Impacts

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

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

( 469691.8, 3765617.4,	291.0,	739.0,	0.0);	( 469711.8, 3765617.4,	291.0,	739.0,	0.0);
( 469731.8, 3765617.4,	291.0,	739.0,	0.0);	( 469751.8, 3765617.4,	291.0,	739.0,	0.0);
( 469771.8, 3765617.4,	291.1,	739.0,	0.0);	( 469791.8, 3765617.4,	291.1,	739.0,	0.0);
( 469811.8, 3765617.4,	291.1,	739.0,	0.0);	( 469831.8, 3765617.4,	291.8,	739.0,	0.0);
( 469851.8, 3765617.4,	292.0,	739.0,	0.0);	( 469871.8, 3765617.4,	292.0,	739.0,	0.0);
( 469891.8, 3765617.4,	292.0,	739.0,	0.0);	( 469911.8, 3765617.4,	292.4,	739.0,	0.0);
( 469931.8, 3765617.4,	293.0,	739.0,	0.0);	( 469951.8, 3765617.4,	293.0,	739.0,	0.0);
( 469951.8, 3765637.4,	286.8,	739.0,	0.0);	( 469371.8, 3765637.4,	287.0,	739.0,	0.0);
( 469391.8, 3765637.4,	287.1,	739.0,	0.0);	( 469411.8, 3765637.4,	287.7,	739.0,	0.0);
( 469431.8, 3765637.4,	288.0,	739.0,	0.0);	( 469451.8, 3765637.4,	288.1,	739.0,	0.0);

Existing REV6.ADO

( 469471.8, 3765637.4,	288.7,	739.0,	0.0);	( 469491.8, 3765637.4,	289.0,	739.0,	0.0);
( 469511.8, 3765637.4,	289.1,	739.0,	0.0);	( 469531.8, 3765637.4,	289.5,	739.0,	0.0);
( 469551.8, 3765637.4,	290.1,	739.0,	0.0);	( 469571.8, 3765637.4,	290.7,	739.0,	0.0);
( 469591.8, 3765637.4,	290.7,	739.0,	0.0);	( 469611.8, 3765637.4,	290.7,	739.0,	0.0);
( 469631.8, 3765637.4,	290.7,	739.0,	0.0);	( 469651.8, 3765637.4,	290.7,	739.0,	0.0);
( 469671.8, 3765637.4,	291.1,	739.0,	0.0);	( 469691.8, 3765637.4,	291.7,	739.0,	0.0);
( 469711.8, 3765637.4,	291.7,	739.0,	0.0);	( 469731.8, 3765637.4,	291.7,	739.0,	0.0);
( 469751.8, 3765637.4,	291.8,	739.0,	0.0);	( 469771.8, 3765637.4,	292.2,	739.0,	0.0);
( 469791.8, 3765637.4,	292.1,	739.0,	0.0);	( 469811.8, 3765637.4,	291.7,	739.0,	0.0);
( 469831.8, 3765637.4,	291.9,	739.0,	0.0);	( 469851.8, 3765637.4,	292.0,	739.0,	0.0);
( 469871.8, 3765637.4,	292.1,	739.0,	0.0);	( 469891.8, 3765637.4,	292.5,	739.0,	0.0);
( 469911.8, 3765637.4,	292.8,	739.0,	0.0);	( 469931.8, 3765637.4,	293.0,	739.0,	0.0);
( 469951.8, 3765637.4,	293.0,	739.0,	0.0);	( 469351.8, 3765657.4,	286.5,	739.0,	0.0);
( 469371.8, 3765657.4,	286.8,	739.0,	0.0);	( 469391.8, 3765657.4,	287.1,	739.0,	0.0);
( 469411.8, 3765657.4,	287.7,	739.0,	0.0);	( 469431.8, 3765657.4,	288.2,	739.0,	0.0);
( 469451.8, 3765657.4,	288.4,	739.0,	0.0);	( 469471.8, 3765657.4,	288.8,	739.0,	0.0);
( 469491.8, 3765657.4,	289.2,	739.0,	0.0);	( 469511.8, 3765657.4,	289.4,	739.0,	0.0);
( 469531.8, 3765657.4,	289.8,	739.0,	0.0);	( 469551.8, 3765657.4,	290.4,	739.0,	0.0);
( 469571.8, 3765657.4,	291.0,	739.0,	0.0);	( 469591.8, 3765657.4,	291.0,	739.0,	0.0);
( 469611.8, 3765657.4,	291.2,	739.0,	0.0);	( 469631.8, 3765657.4,	291.4,	739.0,	0.0);
( 469651.8, 3765657.4,	291.4,	739.0,	0.0);	( 469671.8, 3765657.4,	291.8,	739.0,	0.0);
( 469691.8, 3765657.4,	292.4,	739.0,	0.0);	( 469711.8, 3765657.4,	292.4,	739.0,	0.0);
( 469731.8, 3765657.4,	292.4,	739.0,	0.0);	( 469751.8, 3765657.4,	292.4,	739.0,	0.0);
( 469771.8, 3765657.4,	292.8,	739.0,	0.0);	( 469791.8, 3765657.4,	292.7,	739.0,	0.0);
( 469811.8, 3765657.4,	292.4,	739.0,	0.0);	( 469831.8, 3765657.4,	292.4,	739.0,	0.0);
( 469851.8, 3765657.4,	292.2,	739.0,	0.0);	( 469871.8, 3765657.4,	292.1,	739.0,	0.0);
( 469891.8, 3765657.4,	292.7,	739.0,	0.0);	( 469911.8, 3765657.4,	293.0,	739.0,	0.0);
( 469931.8, 3765657.4,	293.0,	739.0,	0.0);	( 469951.8, 3765657.4,	293.3,	739.0,	0.0);
( 469351.8, 3765677.4,	286.0,	739.0,	0.0);	( 469371.8, 3765677.4,	286.4,	739.0,	0.0);
( 469391.8, 3765677.4,	287.1,	739.0,	0.0);	( 469411.8, 3765677.4,	287.7,	739.0,	0.0);
( 469431.8, 3765677.4,	288.4,	739.0,	0.0);	( 469451.8, 3765677.4,	289.0,	739.0,	0.0);
( 469471.8, 3765677.4,	289.0,	739.0,	0.0);	( 469491.8, 3765677.4,	289.4,	739.0,	0.0);
( 469511.8, 3765677.4,	290.0,	739.0,	0.0);	( 469531.8, 3765677.4,	290.0,	739.0,	0.0);
( 469551.8, 3765677.4,	290.4,	739.0,	0.0);	( 469571.8, 3765677.4,	291.0,	739.0,	0.0);
( 469591.8, 3765677.4,	291.0,	739.0,	0.0);	( 469611.8, 3765677.4,	291.4,	739.0,	0.0);

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Existing Land Use DPM Emission Impacts

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

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

( 469631.8, 3765677.4,	292.0,	739.0,	0.0);	( 469651.8, 3765677.4,	292.0,	739.0,	0.0);
( 469671.8, 3765677.4,	292.4,	739.0,	0.0);	( 469691.8, 3765677.4,	293.0,	739.0,	0.0);
( 469711.8, 3765677.4,	293.0,	739.0,	0.0);	( 469731.8, 3765677.4,	293.0,	739.0,	0.0);
( 469751.8, 3765677.4,	293.0,	739.0,	0.0);	( 469771.8, 3765677.4,	293.0,	739.0,	0.0);
( 469791.8, 3765677.4,	293.0,	739.0,	0.0);	( 469811.8, 3765677.4,	293.0,	739.0,	0.0);
( 469831.8, 3765677.4,	293.0,	739.0,	0.0);	( 469851.8, 3765677.4,	292.6,	739.0,	0.0);
( 469871.8, 3765677.4,	292.1,	739.0,	0.0);	( 469891.8, 3765677.4,	292.8,	739.0,	0.0);
( 469911.8, 3765677.4,	293.0,	739.0,	0.0);	( 469931.8, 3765677.4,	293.1,	739.0,	0.0);
( 469951.8, 3765677.4,	293.7,	739.0,	0.0);	( 469351.8, 3765697.4,	286.0,	739.0,	0.0);
( 469371.8, 3765697.4,	286.4,	739.0,	0.0);	( 469391.8, 3765697.4,	287.1,	739.0,	0.0);
( 469411.8, 3765697.4,	287.7,	739.0,	0.0);	( 469431.8, 3765697.4,	288.1,	739.0,	0.0);
( 469451.8, 3765697.4,	288.4,	739.0,	0.0);	( 469471.8, 3765697.4,	288.8,	739.0,	0.0);
( 469491.8, 3765697.4,	289.4,	739.0,	0.0);	( 469511.8, 3765697.4,	290.1,	739.0,	0.0);
( 469531.8, 3765697.4,	290.5,	739.0,	0.0);	( 469551.8, 3765697.4,	290.8,	739.0,	0.0);
( 469571.8, 3765697.4,	291.1,	739.0,	0.0);	( 469591.8, 3765697.4,	291.5,	739.0,	0.0);
( 469611.8, 3765697.4,	291.8,	739.0,	0.0);	( 469631.8, 3765697.4,	292.0,	739.0,	0.0);
( 469651.8, 3765697.4,	292.0,	739.0,	0.0);	( 469671.8, 3765697.4,	292.4,	739.0,	0.0);
( 469691.8, 3765697.4,	293.0,	739.0,	0.0);	( 469711.8, 3765697.4,	293.0,	739.0,	0.0);
( 469731.8, 3765697.4,	293.0,	739.0,	0.0);	( 469751.8, 3765697.4,	293.0,	739.0,	0.0);

Existing REV6.ADO

( 469771.8, 3765697.4,	293.0,	739.0,	0.0);	( 469791.8, 3765697.4,	293.3,	739.0,	0.0);
( 469811.8, 3765697.4,	293.7,	739.0,	0.0);	( 469831.8, 3765697.4,	293.2,	739.0,	0.0);
( 469851.8, 3765697.4,	292.9,	739.0,	0.0);	( 469871.8, 3765697.4,	292.7,	739.0,	0.0);
( 469891.8, 3765697.4,	292.9,	739.0,	0.0);	( 469911.8, 3765697.4,	293.0,	739.0,	0.0);
( 469931.8, 3765697.4,	293.1,	739.0,	0.0);	( 469951.8, 3765697.4,	293.7,	739.0,	0.0);
( 469351.8, 3765717.4,	286.0,	739.0,	0.0);	( 469371.8, 3765717.4,	286.4,	739.0,	0.0);
( 469391.8, 3765717.4,	287.1,	739.0,	0.0);	( 469411.8, 3765717.4,	287.7,	739.0,	0.0);
( 469431.8, 3765717.4,	288.2,	739.0,	0.0);	( 469451.8, 3765717.4,	288.4,	739.0,	0.0);
( 469471.8, 3765717.4,	288.8,	739.0,	0.0);	( 469491.8, 3765717.4,	289.4,	739.0,	0.0);
( 469511.8, 3765717.4,	290.1,	739.0,	0.0);	( 469531.8, 3765717.4,	290.7,	739.0,	0.0);
( 469551.8, 3765717.4,	291.2,	739.0,	0.0);	( 469571.8, 3765717.4,	291.4,	739.0,	0.0);
( 469591.8, 3765717.4,	291.8,	739.0,	0.0);	( 469611.8, 3765717.4,	292.2,	739.0,	0.0);
( 469631.8, 3765717.4,	292.4,	739.0,	0.0);	( 469651.8, 3765717.4,	292.4,	739.0,	0.0);
( 469671.8, 3765717.4,	292.6,	739.0,	0.0);	( 469691.8, 3765717.4,	293.0,	739.0,	0.0);
( 469711.8, 3765717.4,	293.0,	739.0,	0.0);	( 469731.8, 3765717.4,	293.2,	739.0,	0.0);
( 469751.8, 3765717.4,	293.4,	739.0,	0.0);	( 469771.8, 3765717.4,	293.4,	739.0,	0.0);
( 469791.8, 3765717.4,	293.6,	739.0,	0.0);	( 469811.8, 3765717.4,	293.9,	739.0,	0.0);
( 469831.8, 3765717.4,	293.5,	739.0,	0.0);	( 469851.8, 3765717.4,	293.4,	739.0,	0.0);
( 469871.8, 3765717.4,	293.3,	739.0,	0.0);	( 469891.8, 3765717.4,	293.1,	739.0,	0.0);
( 469911.8, 3765717.4,	293.0,	739.0,	0.0);	( 469931.8, 3765717.4,	293.1,	739.0,	0.0);
( 469951.8, 3765717.4,	293.7,	739.0,	0.0);	( 469351.8, 3765737.4,	286.0,	739.0,	0.0);
( 469371.8, 3765737.4,	286.4,	739.0,	0.0);	( 469391.8, 3765737.4,	287.1,	739.0,	0.0);
( 469411.8, 3765737.4,	287.7,	739.0,	0.0);	( 469431.8, 3765737.4,	288.4,	739.0,	0.0);
( 469451.8, 3765737.4,	289.0,	739.0,	0.0);	( 469471.8, 3765737.4,	289.0,	739.0,	0.0);
( 469491.8, 3765737.4,	289.4,	739.0,	0.0);	( 469511.8, 3765737.4,	290.1,	739.0,	0.0);
( 469531.8, 3765737.4,	290.7,	739.0,	0.0);	( 469551.8, 3765737.4,	291.4,	739.0,	0.0);

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Existing Land Use DPM Emission Impacts

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

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

( 469571.8, 3765737.4,	292.0,	739.0,	0.0);	( 469591.8, 3765737.4,	292.0,	739.0,	0.0);
( 469611.8, 3765737.4,	292.4,	739.0,	0.0);	( 469631.8, 3765737.4,	293.0,	739.0,	0.0);
( 469651.8, 3765737.4,	293.0,	739.0,	0.0);	( 469671.8, 3765737.4,	293.0,	739.0,	0.0);
( 469691.8, 3765737.4,	293.0,	739.0,	0.0);	( 469711.8, 3765737.4,	293.0,	739.0,	0.0);
( 469731.8, 3765737.4,	293.4,	739.0,	0.0);	( 469751.8, 3765737.4,	294.0,	739.0,	0.0);
( 469771.8, 3765737.4,	294.0,	739.0,	0.0);	( 469791.8, 3765737.4,	294.0,	739.0,	0.0);
( 469811.8, 3765737.4,	294.0,	739.0,	0.0);	( 469831.8, 3765737.4,	294.0,	739.0,	0.0);
( 469851.8, 3765737.4,	294.0,	739.0,	0.0);	( 469871.8, 3765737.4,	294.0,	739.0,	0.0);
( 469891.8, 3765737.4,	293.3,	739.0,	0.0);	( 469911.8, 3765737.4,	293.0,	739.0,	0.0);
( 469931.8, 3765737.4,	293.1,	739.0,	0.0);	( 469951.8, 3765737.4,	293.8,	739.0,	0.0);
( 469351.8, 3765757.4,	286.7,	739.0,	0.0);	( 469371.8, 3765757.4,	286.8,	739.0,	0.0);
( 469391.8, 3765757.4,	287.1,	739.0,	0.0);	( 469411.8, 3765757.4,	287.7,	739.0,	0.0);
( 469431.8, 3765757.4,	288.4,	739.0,	0.0);	( 469451.8, 3765757.4,	289.1,	739.0,	0.0);
( 469471.8, 3765757.4,	289.5,	739.0,	0.0);	( 469491.8, 3765757.4,	289.8,	739.0,	0.0);
( 469511.8, 3765757.4,	290.1,	739.0,	0.0);	( 469531.8, 3765757.4,	290.7,	739.0,	0.0);
( 469551.8, 3765757.4,	291.4,	739.0,	0.0);	( 469571.8, 3765757.4,	292.1,	739.0,	0.0);
( 469591.8, 3765757.4,	292.5,	739.0,	0.0);	( 469611.8, 3765757.4,	292.8,	739.0,	0.0);
( 469631.8, 3765757.4,	293.0,	739.0,	0.0);	( 469651.8, 3765757.4,	293.0,	739.0,	0.0);
( 469671.8, 3765757.4,	293.0,	739.0,	0.0);	( 469691.8, 3765757.4,	293.1,	739.0,	0.0);
( 469711.8, 3765757.4,	293.5,	739.0,	0.0);	( 469731.8, 3765757.4,	293.8,	739.0,	0.0);
( 469751.8, 3765757.4,	294.0,	739.0,	0.0);	( 469771.8, 3765757.4,	294.0,	739.0,	0.0);
( 469791.8, 3765757.4,	294.0,	739.0,	0.0);	( 469811.8, 3765757.4,	294.1,	739.0,	0.0);
( 469831.8, 3765757.4,	294.5,	739.0,	0.0);	( 469851.8, 3765757.4,	294.7,	739.0,	0.0);
( 469871.8, 3765757.4,	294.6,	739.0,	0.0);	( 469891.8, 3765757.4,	294.0,	739.0,	0.0);
( 469911.8, 3765757.4,	294.0,	739.0,	0.0);	( 469931.8, 3765757.4,	294.4,	739.0,	0.0);
( 469951.8, 3765757.4,	294.6,	739.0,	0.0);	( 469351.8, 3765777.4,	287.0,	739.0,	0.0);
( 469371.8, 3765777.4,	287.2,	739.0,	0.0);	( 469391.8, 3765777.4,	287.4,	739.0,	0.0);
( 469411.8, 3765777.4,	287.8,	739.0,	0.0);	( 469431.8, 3765777.4,	288.4,	739.0,	0.0);

Existing REV6.ADO						
( 469451.8, 3765777.4,	289.1,	739.0,	0.0);	( 469471.8, 3765777.4,	289.7,	739.0,
( 469491.8, 3765777.4,	290.0,	739.0,	0.0);	( 469771.8, 3765777.4,	294.3,	739.0,
( 469791.8, 3765777.4,	294.4,	739.0,	0.0);	( 469811.8, 3765777.4,	294.4,	739.0,
( 469831.8, 3765777.4,	294.8,	739.0,	0.0);	( 469851.8, 3765777.4,	295.0,	739.0,
( 469871.8, 3765777.4,	294.9,	739.0,	0.0);	( 469891.8, 3765777.4,	294.5,	739.0,
( 469911.8, 3765777.4,	294.8,	739.0,	0.0);	( 469931.8, 3765777.4,	295.4,	739.0,
( 469951.8, 3765777.4,	295.4,	739.0,	0.0);	( 469931.8, 3765797.4,	287.0,	739.0,
( 469971.8, 3765797.4,	287.4,	739.0,	0.0);	( 469391.8, 3765797.4,	288.0,	739.0,
( 469411.8, 3765797.4,	288.0,	739.0,	0.0);	( 469431.8, 3765797.4,	288.4,	739.0,
( 469451.8, 3765797.4,	289.1,	739.0,	0.0);	( 469471.8, 3765797.4,	289.7,	739.0,
( 469491.8, 3765797.4,	290.0,	739.0,	0.0);	( 469511.8, 3765797.4,	290.1,	739.0,
( 469771.8, 3765797.4,	294.7,	739.0,	0.0);	( 469791.8, 3765797.4,	295.0,	739.0,
( 469811.8, 3765797.4,	295.0,	739.0,	0.0);	( 469831.8, 3765797.4,	295.0,	739.0,
( 469851.8, 3765797.4,	295.0,	739.0,	0.0);	( 469871.8, 3765797.4,	295.0,	739.0,
( 469891.8, 3765797.4,	295.0,	739.0,	0.0);	( 469911.8, 3765797.4,	295.4,	739.0,
( 469931.8, 3765797.4,	296.0,	739.0,	0.0);	( 469951.8, 3765797.4,	296.0,	739.0,
( 469351.8, 3765817.4,	287.5,	739.0,	0.0);	( 469371.8, 3765817.4,	287.8,	739.0,

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Existing Land Use DPM Emission Impacts

\*\*\* 06/30/23

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

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

( 469391.8, 3765817.4,	288.0,	739.0,	0.0);	( 469411.8, 3765817.4,	288.0,	739.0,
( 469431.8, 3765817.4,	288.4,	739.0,	0.0);	( 469451.8, 3765817.4,	289.1,	739.0,
( 469471.8, 3765817.4,	289.7,	739.0,	0.0);	( 469491.8, 3765817.4,	290.0,	739.0,
( 469511.8, 3765817.4,	290.1,	739.0,	0.0);	( 469771.8, 3765817.4,	294.7,	739.0,
( 469791.8, 3765817.4,	295.0,	739.0,	0.0);	( 469811.8, 3765817.4,	295.1,	739.0,
( 469831.8, 3765817.4,	295.5,	739.0,	0.0);	( 469851.8, 3765817.4,	295.7,	739.0,
( 469871.8, 3765817.4,	295.7,	739.0,	0.0);	( 469891.8, 3765817.4,	295.2,	739.0,
( 469911.8, 3765817.4,	295.4,	739.0,	0.0);	( 469931.8, 3765817.4,	296.0,	739.0,
( 469951.8, 3765817.4,	296.0,	739.0,	0.0);	( 469351.8, 3765837.4,	287.7,	739.0,
( 469371.8, 3765837.4,	288.0,	739.0,	0.0);	( 469391.8, 3765837.4,	288.0,	739.0,
( 469411.8, 3765837.4,	288.3,	739.0,	0.0);	( 469431.8, 3765837.4,	288.6,	739.0,
( 469451.8, 3765837.4,	289.1,	739.0,	0.0);	( 469471.8, 3765837.4,	289.7,	739.0,
( 469491.8, 3765837.4,	290.2,	739.0,	0.0);	( 469511.8, 3765837.4,	290.4,	739.0,
( 469771.8, 3765837.4,	294.8,	739.0,	0.0);	( 469791.8, 3765837.4,	295.2,	739.0,
( 469811.8, 3765837.4,	295.4,	739.0,	0.0);	( 469831.8, 3765837.4,	295.8,	739.0,
( 469851.8, 3765837.4,	296.2,	739.0,	0.0);	( 469871.8, 3765837.4,	296.3,	739.0,
( 469891.8, 3765837.4,	295.6,	739.0,	0.0);	( 469911.8, 3765837.4,	295.8,	739.0,
( 469931.8, 3765837.4,	296.4,	739.0,	0.0);	( 469951.8, 3765837.4,	296.4,	739.0,
( 469351.8, 3765857.4,	287.7,	739.0,	0.0);	( 469371.8, 3765857.4,	288.0,	739.0,
( 469391.8, 3765857.4,	288.1,	739.0,	0.0);	( 469411.8, 3765857.4,	288.7,	739.0,
( 469431.8, 3765857.4,	289.0,	739.0,	0.0);	( 469451.8, 3765857.4,	289.1,	739.0,
( 469471.8, 3765857.4,	289.7,	739.0,	0.0);	( 469491.8, 3765857.4,	290.4,	739.0,
( 469511.8, 3765857.4,	291.0,	739.0,	0.0);	( 469531.8, 3765857.4,	291.0,	739.0,
( 469771.8, 3765857.4,	295.0,	739.0,	0.0);	( 469791.8, 3765857.4,	295.4,	739.0,
( 469811.8, 3765857.4,	296.0,	739.0,	0.0);	( 469831.8, 3765857.4,	296.0,	739.0,
( 469851.8, 3765857.4,	296.4,	739.0,	0.0);	( 469871.8, 3765857.4,	296.9,	739.0,
( 469891.8, 3765857.4,	296.3,	739.0,	0.0);	( 469911.8, 3765857.4,	296.4,	739.0,
( 469931.8, 3765857.4,	297.0,	739.0,	0.0);	( 469951.8, 3765857.4,	297.0,	739.0,
( 469351.8, 3765877.4,	287.7,	739.0,	0.0);	( 469371.8, 3765877.4,	288.0,	739.0,
( 469391.8, 3765877.4,	288.1,	739.0,	0.0);	( 469411.8, 3765877.4,	288.7,	739.0,
( 469431.8, 3765877.4,	289.0,	739.0,	0.0);	( 469451.8, 3765877.4,	289.1,	739.0,
( 469471.8, 3765877.4,	289.7,	739.0,	0.0);	( 469491.8, 3765877.4,	290.4,	739.0,
( 469511.8, 3765877.4,	291.0,	739.0,	0.0);	( 469531.8, 3765877.4,	291.0,	739.0,
( 469771.8, 3765877.4,	295.0,	739.0,	0.0);	( 469791.8, 3765877.4,	295.4,	739.0,
( 469811.8, 3765877.4,	296.1,	739.0,	0.0);	( 469831.8, 3765877.4,	296.5,	739.0,
( 469851.8, 3765877.4,	296.8,	739.0,	0.0);	( 469871.8, 3765877.4,	297.0,	739.0,
( 469891.8, 3765877.4,	296.8,	739.0,	0.0);	( 469911.8, 3765877.4,	296.8,	739.0,

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Existing REV6.ADO

( 469931.8, 3765877.4,	297.0,	739.0,	0.0);	( 469951.8, 3765877.4,	297.0,	739.0,	0.0);
( 469351.8, 3765897.4,	287.7,	739.0,	0.0);	( 469371.8, 3765897.4,	288.0,	739.0,	0.0);
( 469391.8, 3765897.4,	288.1,	739.0,	0.0);	( 469411.8, 3765897.4,	288.7,	739.0,	0.0);
( 469431.8, 3765897.4,	289.0,	739.0,	0.0);	( 469451.8, 3765897.4,	289.1,	739.0,	0.0);
( 469471.8, 3765897.4,	289.7,	739.0,	0.0);	( 469491.8, 3765897.4,	290.4,	739.0,	0.0);
( 469511.8, 3765897.4,	291.0,	739.0,	0.0);	( 469531.8, 3765897.4,	291.0,	739.0,	0.0);
( 469771.8, 3765897.4,	295.0,	739.0,	0.0);	( 469791.8, 3765897.4,	295.4,	739.0,	0.0);
( 469811.8, 3765897.4,	296.1,	739.0,	0.0);	( 469831.8, 3765897.4,	296.7,	739.0,	0.0);

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Existing Land Use DPM Emission Impacts \*\*\*      \*\*\* 06/30/23  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*      \*\*\* 05:46:32

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

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

( 469851.8, 3765897.4,	297.2,	739.0,	0.0);	( 469871.8, 3765897.4,	297.4,	739.0,	0.0);
( 469891.8, 3765897.4,	297.4,	739.0,	0.0);	( 469911.8, 3765897.4,	297.4,	739.0,	0.0);
( 469931.8, 3765897.4,	297.4,	739.0,	0.0);	( 469951.8, 3765897.4,	297.4,	739.0,	0.0);
( 469351.8, 3765917.4,	287.7,	739.0,	0.0);	( 469371.8, 3765917.4,	288.0,	739.0,	0.0);
( 469391.8, 3765917.4,	288.1,	739.0,	0.0);	( 469411.8, 3765917.4,	288.7,	739.0,	0.0);
( 469431.8, 3765917.4,	289.0,	739.0,	0.0);	( 469451.8, 3765917.4,	289.1,	739.0,	0.0);
( 469471.8, 3765917.4,	289.8,	739.0,	0.0);	( 469491.8, 3765917.4,	290.4,	739.0,	0.0);
( 469511.8, 3765917.4,	291.0,	739.0,	0.0);	( 469531.8, 3765917.4,	291.0,	739.0,	0.0);
( 469771.8, 3765917.4,	295.0,	739.0,	0.0);	( 469791.8, 3765917.4,	295.4,	739.0,	0.0);
( 469811.8, 3765917.4,	296.1,	739.0,	0.0);	( 469831.8, 3765917.4,	296.7,	739.0,	0.0);
( 469851.8, 3765917.4,	297.4,	739.0,	0.0);	( 469871.8, 3765917.4,	298.0,	739.0,	0.0);
( 469891.8, 3765917.4,	298.0,	739.0,	0.0);	( 469911.8, 3765917.4,	298.0,	739.0,	0.0);
( 469931.8, 3765917.4,	298.0,	739.0,	0.0);	( 469951.8, 3765917.4,	298.0,	739.0,	0.0);
( 469351.8, 3765937.4,	287.7,	739.0,	0.0);	( 469371.8, 3765937.4,	288.0,	739.0,	0.0);
( 469391.8, 3765937.4,	288.1,	739.0,	0.0);	( 469411.8, 3765937.4,	288.7,	739.0,	0.0);
( 469431.8, 3765937.4,	289.3,	739.0,	0.0);	( 469451.8, 3765937.4,	289.7,	739.0,	0.0);
( 469471.8, 3765937.4,	289.9,	739.0,	0.0);	( 469491.8, 3765937.4,	290.4,	739.0,	0.0);
( 469511.8, 3765937.4,	291.0,	739.0,	0.0);	( 469531.8, 3765937.4,	291.0,	739.0,	0.0);
( 469771.8, 3765937.4,	295.0,	739.0,	0.0);	( 469791.8, 3765937.4,	295.4,	739.0,	0.0);
( 469811.8, 3765937.4,	296.1,	739.0,	0.0);	( 469831.8, 3765937.4,	296.7,	739.0,	0.0);
( 469851.8, 3765937.4,	297.4,	739.0,	0.0);	( 469871.8, 3765937.4,	298.1,	739.0,	0.0);
( 469891.8, 3765937.4,	298.5,	739.0,	0.0);	( 469911.8, 3765937.4,	298.7,	739.0,	0.0);
( 469931.8, 3765937.4,	298.7,	739.0,	0.0);	( 469951.8, 3765937.4,	298.7,	739.0,	0.0);
( 469351.8, 3765957.4,	287.7,	739.0,	0.0);	( 469371.8, 3765957.4,	288.0,	739.0,	0.0);
( 469391.8, 3765957.4,	288.1,	739.0,	0.0);	( 469411.8, 3765957.4,	288.7,	739.0,	0.0);
( 469431.8, 3765957.4,	289.3,	739.0,	0.0);	( 469451.8, 3765957.4,	289.7,	739.0,	0.0);
( 469471.8, 3765957.4,	289.9,	739.0,	0.0);	( 469491.8, 3765957.4,	290.4,	739.0,	0.0);
( 469511.8, 3765957.4,	291.0,	739.0,	0.0);	( 469531.8, 3765957.4,	291.0,	739.0,	0.0);
( 469771.8, 3765957.4,	295.0,	739.0,	0.0);	( 469791.8, 3765957.4,	295.4,	739.0,	0.0);
( 469811.8, 3765957.4,	296.1,	739.0,	0.0);	( 469831.8, 3765957.4,	296.7,	739.0,	0.0);
( 469851.8, 3765957.4,	297.4,	739.0,	0.0);	( 469871.8, 3765957.4,	298.1,	739.0,	0.0);
( 469891.8, 3765957.4,	298.7,	739.0,	0.0);	( 469911.8, 3765957.4,	298.7,	739.0,	0.0);
( 469931.8, 3765957.4,	299.0,	739.0,	0.0);	( 469951.8, 3765957.4,	299.0,	739.0,	0.0);
( 469351.8, 3765957.4,	299.0,	739.0,	0.0);	( 469371.8, 3765957.4,	299.0,	739.0,	0.0);
( 469391.8, 3765957.4,	299.0,	739.0,	0.0);	( 469411.8, 3765957.4,	299.4,	739.0,	0.0);
( 469431.8, 3765957.4,	299.4,	739.0,	0.0);	( 469451.8, 3765957.4,	299.8,	739.0,	0.0);
( 469471.8, 3765957.4,	299.4,	739.0,	0.0);	( 469491.8, 3765957.4,	299.8,	739.0,	0.0);
( 469511.8, 3765957.4,	299.4,	739.0,	0.0);	( 469531.8, 3765957.4,	299.8,	739.0,	0.0);
( 469631.8, 3765957.4,	293.1,	739.0,	0.0);	( 469651.8, 3765957.4,	293.5,	739.0,	0.0);
( 469671.8, 3765957.4,	293.8,	739.0,	0.0);	( 469691.8, 3765957.4,	294.0,	739.0,	0.0);
( 469711.8, 3765957.4,	294.0,	739.0,	0.0);	( 469731.8, 3765957.4,	294.4,	739.0,	0.0);
( 469751.8, 3765957.4,	295.0,	739.0,	0.0);	( 469771.8, 3765957.4,	295.0,	739.0,	0.0);
( 469791.8, 3765957.4,	295.4,	739.0,	0.0);	( 469811.8, 3765957.4,	296.1,	739.0,	0.0);
( 469831.8, 3765957.4,	296.7,	739.0,	0.0);	( 469851.8, 3765957.4,	297.4,	739.0,	0.0);
( 469871.8, 3765957.4,	298.1,	739.0,	0.0);	( 469891.8, 3765957.4,	298.7,	739.0,	0.0);
( 469911.8, 3765957.4,	299.0,	739.0,	0.0);	( 469931.8, 3765957.4,	299.0,	739.0,	0.0);
( 469951.8, 3765957.4,	299.0,	739.0,	0.0);	( 469351.8, 3765977.4,	287.7,	739.0,	0.0);
( 469371.8, 3765977.4,	288.0,	739.0,	0.0);	( 469391.8, 3765977.4,	288.1,	739.0,	0.0);
( 469411.8, 3765977.4,	288.7,	739.0,	0.0);	( 469431.8, 3765977.4,	289.4,	739.0,	0.0);
( 469451.8, 3765977.4,	290.1,	739.0,	0.0);	( 469471.8, 3765977.4,	290.8,	739.0,	0.0);
( 469491.8, 3765977.4,	291.0,	739.0,	0.0);	( 469511.8, 3765977.4,	291.0,	739.0,	0.0);
( 469531.8, 3765977.4,	291.0,	739.0,	0.0);	( 469551.8, 3765977.4,	291.4,	739.0,	0.0);
( 469571.8, 3765977.4,	292.0,	739.0,	0.0);	( 469591.8, 3765977.4,	292.0,	739.0,	0.0);

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

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

( 469611.8, 3765977.4,	292.4,	739.0,	0.0);	( 469631.8, 3765977.4,	293.0,	739.0,	0.0);
( 469651.8, 3765977.4,	293.0,	739.0,	0.0);	( 469671.8, 3765977.4,	293.4,	739.0,	0.0);
( 469691.8, 3765977.4,	294.0,	739.0,	0.0);	( 469711.8, 3765977.4,	294.0,	739.0,	0.0);
( 469731.8, 3765977.4,	294.4,	739.0,	0.0);	( 469751.8, 3765977.4,	295.0,	739.0,	0.0);
( 469771.8, 3765977.4,	295.0,	739.0,	0.0);	( 469791.8, 3765977.4,	295.4,	739.0,	0.0);
( 469811.8, 3765977.4,	296.1,	739.0,	0.0);	( 469831.8, 3765977.4,	296.7,	739.0,	0.0);
( 469851.8, 3765977.4,	297.4,	739.0,	0.0);	( 469871.8, 3765977.4,	298.1,	739.0,	0.0);
( 469891.8, 3765977.4,	298.7,	739.0,	0.0);	( 469911.8, 3765977.4,	299.0,	739.0,	0.0);
( 469931.8, 3765977.4,	299.0,	739.0,	0.0);	( 469951.8, 3765977.4,	299.0,	739.0,	0.0);
( 469351.8, 3765997.4,	287.7,	739.0,	0.0);	( 469371.8, 3765997.4,	288.0,	739.0,	0.0);
( 469391.8, 3765997.4,	288.1,	739.0,	0.0);	( 469411.8, 3765997.4,	288.7,	739.0,	0.0);
( 469431.8, 3765997.4,	289.7,	739.0,	0.0);	( 469451.8, 3765997.4,	290.7,	739.0,	0.0);
( 469471.8, 3765997.4,	290.9,	739.0,	0.0);	( 469491.8, 3765997.4,	291.3,	739.0,	0.0);
( 469511.8, 3765997.4,	291.7,	739.0,	0.0);	( 469531.8, 3765997.4,	291.7,	739.0,	0.0);
( 469551.8, 3765997.4,	291.5,	739.0,	0.0);	( 469571.8, 3765997.4,	291.4,	739.0,	0.0);
( 469591.8, 3765997.4,	291.8,	739.0,	0.0);	( 469611.8, 3765997.4,	292.1,	739.0,	0.0);
( 469631.8, 3765997.4,	292.4,	739.0,	0.0);	( 469651.8, 3765997.4,	292.8,	739.0,	0.0);
( 469671.8, 3765997.4,	293.1,	739.0,	0.0);	( 469691.8, 3765997.4,	293.4,	739.0,	0.0);
( 469711.8, 3765997.4,	293.8,	739.0,	0.0);	( 469731.8, 3765997.4,	294.4,	739.0,	0.0);
( 469751.8, 3765997.4,	295.0,	739.0,	0.0);	( 469771.8, 3765997.4,	295.0,	739.0,	0.0);
( 469791.8, 3765997.4,	295.4,	739.0,	0.0);	( 469811.8, 3765997.4,	296.1,	739.0,	0.0);
( 469831.8, 3765997.4,	296.7,	739.0,	0.0);	( 469851.8, 3765997.4,	297.4,	739.0,	0.0);
( 469871.8, 3765997.4,	298.0,	739.0,	0.0);	( 469891.8, 3765997.4,	298.2,	739.0,	0.0);
( 469911.8, 3765997.4,	298.6,	739.0,	0.0);	( 469931.8, 3765997.4,	299.0,	739.0,	0.0);
( 469951.8, 3765997.4,	299.0,	739.0,	0.0);	( 469351.8, 3766017.4,	287.7,	739.0,	0.0);
( 469371.8, 3766017.4,	288.0,	739.0,	0.0);	( 469391.8, 3766017.4,	288.1,	739.0,	0.0);
( 469411.8, 3766017.4,	288.7,	739.0,	0.0);	( 469431.8, 3766017.4,	289.8,	739.0,	0.0);
( 469451.8, 3766017.4,	291.0,	739.0,	0.0);	( 469471.8, 3766017.4,	291.3,	739.0,	0.0);
( 469491.8, 3766017.4,	291.6,	739.0,	0.0);	( 469511.8, 3766017.4,	292.0,	739.0,	0.0);
( 469531.8, 3766017.4,	292.0,	739.0,	0.0);	( 469551.8, 3766017.4,	291.7,	739.0,	0.0);
( 469571.8, 3766017.4,	291.4,	739.0,	0.0);	( 469591.8, 3766017.4,	291.8,	739.0,	0.0);
( 469611.8, 3766017.4,	292.0,	739.0,	0.0);	( 469631.8, 3766017.4,	292.1,	739.0,	0.0);
( 469651.8, 3766017.4,	292.7,	739.0,	0.0);	( 469671.8, 3766017.4,	293.0,	739.0,	0.0);
( 469691.8, 3766017.4,	293.1,	739.0,	0.0);	( 469711.8, 3766017.4,	293.7,	739.0,	0.0);
( 469731.8, 3766017.4,	294.4,	739.0,	0.0);	( 469751.8, 3766017.4,	295.0,	739.0,	0.0);
( 469771.8, 3766017.4,	295.0,	739.0,	0.0);	( 469791.8, 3766017.4,	295.4,	739.0,	0.0);
( 469811.8, 3766017.4,	296.1,	739.0,	0.0);	( 469831.8, 3766017.4,	296.7,	739.0,	0.0);
( 469851.8, 3766017.4,	297.4,	739.0,	0.0);	( 469871.8, 3766017.4,	298.0,	739.0,	0.0);
( 469891.8, 3766017.4,	298.0,	739.0,	0.0);	( 469911.8, 3766017.4,	298.4,	739.0,	0.0);
( 469931.8, 3766017.4,	299.0,	739.0,	0.0);	( 469951.8, 3766017.4,	299.0,	739.0,	0.0);
( 469351.8, 3766037.4,	287.7,	739.0,	0.0);	( 469371.8, 3766037.4,	288.0,	739.0,	0.0);
( 469391.8, 3766037.4,	288.1,	739.0,	0.0);	( 469411.8, 3766037.4,	288.8,	739.0,	0.0);
( 469431.8, 3766037.4,	289.8,	739.0,	0.0);	( 469451.8, 3766037.4,	291.1,	739.0,	0.0);
( 469471.8, 3766037.4,	291.7,	739.0,	0.0);	( 469491.8, 3766037.4,	292.0,	739.0,	0.0);
( 469511.8, 3766037.4,	292.0,	739.0,	0.0);	( 469531.8, 3766037.4,	292.0,	739.0,	0.0);

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* Existing Land Use DPM Emission Impacts

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

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

( 469551.8, 3766037.4,	292.0,	739.0,	0.0);	( 469571.8, 3766037.4,	292.0,	739.0,	0.0);
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Existing REV6.ADO

( 469591.8, 3766037.4,	292.0,	739.0,	0.0);	( 469611.8, 3766037.4,	292.0,	739.0,	0.0);
( 469631.8, 3766037.4,	292.1,	739.0,	0.0);	( 469651.8, 3766037.4,	292.7,	739.0,	0.0);
( 469671.8, 3766037.4,	293.0,	739.0,	0.0);	( 469691.8, 3766037.4,	293.1,	739.0,	0.0);
( 469711.8, 3766037.4,	293.7,	739.0,	0.0);	( 469731.8, 3766037.4,	294.4,	739.0,	0.0);
( 469751.8, 3766037.4,	295.0,	739.0,	0.0);	( 469771.8, 3766037.4,	295.0,	739.0,	0.0);
( 469791.8, 3766037.4,	295.4,	739.0,	0.0);	( 469811.8, 3766037.4,	296.1,	739.0,	0.0);
( 469831.8, 3766037.4,	296.7,	739.0,	0.0);	( 469851.8, 3766037.4,	297.4,	739.0,	0.0);
( 469871.8, 3766037.4,	298.0,	739.0,	0.0);	( 469891.8, 3766037.4,	298.0,	739.0,	0.0);
( 469911.8, 3766037.4,	298.4,	739.0,	0.0);	( 469931.8, 3766037.4,	299.0,	739.0,	0.0);
( 469951.8, 3766037.4,	299.0,	739.0,	0.0);	( 469351.8, 3766057.4,	287.7,	739.0,	0.0);
( 469371.8, 3766057.4,	288.3,	739.0,	0.0);	( 469391.8, 3766057.4,	288.8,	739.0,	0.0);
( 469411.8, 3766057.4,	289.4,	739.0,	0.0);	( 469431.8, 3766057.4,	290.2,	739.0,	0.0);
( 469451.8, 3766057.4,	291.1,	739.0,	0.0);	( 469471.8, 3766057.4,	291.7,	739.0,	0.0);
( 469491.8, 3766057.4,	292.3,	739.0,	0.0);	( 469511.8, 3766057.4,	292.7,	739.0,	0.0);
( 469531.8, 3766057.4,	292.7,	739.0,	0.0);	( 469551.8, 3766057.4,	292.7,	739.0,	0.0);
( 469571.8, 3766057.4,	292.7,	739.0,	0.0);	( 469591.8, 3766057.4,	292.2,	739.0,	0.0);
( 469611.8, 3766057.4,	292.0,	739.0,	0.0);	( 469631.8, 3766057.4,	292.1,	739.0,	0.0);
( 469651.8, 3766057.4,	292.7,	739.0,	0.0);	( 469671.8, 3766057.4,	293.0,	739.0,	0.0);
( 469691.8, 3766057.4,	293.1,	739.0,	0.0);	( 469711.8, 3766057.4,	293.7,	739.0,	0.0);
( 469731.8, 3766057.4,	294.4,	739.0,	0.0);	( 469751.8, 3766057.4,	295.0,	739.0,	0.0);
( 469771.8, 3766057.4,	295.0,	739.0,	0.0);	( 469791.8, 3766057.4,	295.4,	739.0,	0.0);
( 469811.8, 3766057.4,	296.1,	739.0,	0.0);	( 469831.8, 3766057.4,	296.7,	739.0,	0.0);
( 469851.8, 3766057.4,	297.4,	739.0,	0.0);	( 469871.8, 3766057.4,	298.0,	739.0,	0.0);
( 469891.8, 3766057.4,	298.0,	739.0,	0.0);	( 469911.8, 3766057.4,	298.4,	739.0,	0.0);
( 469931.8, 3766057.4,	299.0,	739.0,	0.0);	( 469951.8, 3766057.4,	299.0,	739.0,	0.0);
( 469351.8, 3766077.4,	287.7,	739.0,	0.0);	( 469371.8, 3766077.4,	288.3,	739.0,	0.0);
( 469391.8, 3766077.4,	288.7,	739.0,	0.0);	( 469411.8, 3766077.4,	289.6,	739.0,	0.0);
( 469431.8, 3766077.4,	290.4,	739.0,	0.0);	( 469451.8, 3766077.4,	291.1,	739.0,	0.0);
( 469471.8, 3766077.4,	291.7,	739.0,	0.0);	( 469491.8, 3766077.4,	292.4,	739.0,	0.0);
( 469511.8, 3766077.4,	293.0,	739.0,	0.0);	( 469531.8, 3766077.4,	293.0,	739.0,	0.0);
( 469551.8, 3766077.4,	293.0,	739.0,	0.0);	( 469571.8, 3766077.4,	292.9,	739.0,	0.0);
( 469591.8, 3766077.4,	292.5,	739.0,	0.0);	( 469611.8, 3766077.4,	292.2,	739.0,	0.0);
( 469631.8, 3766077.4,	292.1,	739.0,	0.0);	( 469651.8, 3766077.4,	292.7,	739.0,	0.0);
( 469671.8, 3766077.4,	293.0,	739.0,	0.0);	( 469691.8, 3766077.4,	293.1,	739.0,	0.0);
( 469711.8, 3766077.4,	293.7,	739.0,	0.0);	( 469731.8, 3766077.4,	294.4,	739.0,	0.0);
( 469751.8, 3766077.4,	295.0,	739.0,	0.0);	( 469771.8, 3766077.4,	295.3,	739.0,	0.0);
( 469791.8, 3766077.4,	295.6,	739.0,	0.0);	( 469811.8, 3766077.4,	296.1,	739.0,	0.0);
( 469831.8, 3766077.4,	296.7,	739.0,	0.0);	( 469851.8, 3766077.4,	297.3,	739.0,	0.0);
( 469871.8, 3766077.4,	297.7,	739.0,	0.0);	( 469891.8, 3766077.4,	297.9,	739.0,	0.0);
( 469911.8, 3766077.4,	298.4,	739.0,	0.0);	( 469931.8, 3766077.4,	299.0,	739.0,	0.0);
( 469951.8, 3766077.4,	299.0,	739.0,	0.0);	( 469951.8, 3766097.4,	287.7,	739.0,	0.0);
( 469971.8, 3766097.4,	288.0,	739.0,	0.0);	( 469971.8, 3766097.4,	288.2,	739.0,	0.0);
( 469911.8, 3766097.4,	289.5,	739.0,	0.0);	( 469431.8, 3766097.4,	290.4,	739.0,	0.0);
( 469451.8, 3766097.4,	291.1,	739.0,	0.0);	( 469471.8, 3766097.4,	291.7,	739.0,	0.0);

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Existing Land Use DPM Emission Impacts

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

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

( 469491.8, 3766097.4,	292.4,	739.0,	0.0);	( 469511.8, 3766097.4,	293.0,	739.0,	0.0);
( 469531.8, 3766097.4,	293.0,	739.0,	0.0);	( 469551.8, 3766097.4,	293.0,	739.0,	0.0);
( 469571.8, 3766097.4,	293.0,	739.0,	0.0);	( 469591.8, 3766097.4,	293.0,	739.0,	0.0);
( 469611.8, 3766097.4,	292.6,	739.0,	0.0);	( 469631.8, 3766097.4,	292.1,	739.0,	0.0);
( 469651.8, 3766097.4,	292.8,	739.0,	0.0);	( 469671.8, 3766097.4,	293.0,	739.0,	0.0);
( 469691.8, 3766097.4,	293.1,	739.0,	0.0);	( 469711.8, 3766097.4,	293.7,	739.0,	0.0);
( 469731.8, 3766097.4,	294.4,	739.0,	0.0);	( 469751.8, 3766097.4,	295.1,	739.0,	0.0);
( 469771.8, 3766097.4,	295.7,	739.0,	0.0);	( 469791.8, 3766097.4,	296.0,	739.0,	0.0);
( 469811.8, 3766097.4,	296.1,	739.0,	0.0);	( 469831.8, 3766097.4,	296.7,	739.0,	0.0);
( 469851.8, 3766097.4,	297.0,	739.0,	0.0);	( 469871.8, 3766097.4,	297.1,	739.0,	0.0);

Existing REV6.ADO

( 469891.8, 3766097.4,	297.7,	739.0,	0.0);	( 469911.8, 3766097.4,	298.4,	739.0,	0.0);
( 469931.8, 3766097.4,	299.0,	739.0,	0.0);	( 469951.8, 3766097.4,	299.0,	739.0,	0.0);
( 469351.8, 3766117.4,	287.0,	739.0,	0.0);	( 469371.8, 3766117.4,	287.9,	739.0,	0.0);
( 469391.8, 3766117.4,	288.8,	739.0,	0.0);	( 469411.8, 3766117.4,	289.7,	739.0,	0.0);
( 469431.8, 3766117.4,	290.4,	739.0,	0.0);	( 469451.8, 3766117.4,	291.1,	739.0,	0.0);
( 469471.8, 3766117.4,	291.7,	739.0,	0.0);	( 469491.8, 3766117.4,	292.4,	739.0,	0.0);
( 469511.8, 3766117.4,	293.0,	739.0,	0.0);	( 469531.8, 3766117.4,	293.0,	739.0,	0.0);
( 469551.8, 3766117.4,	293.0,	739.0,	0.0);	( 469571.8, 3766117.4,	293.0,	739.0,	0.0);
( 469591.8, 3766117.4,	293.0,	739.0,	0.0);	( 469611.8, 3766117.4,	292.9,	739.0,	0.0);
( 469631.8, 3766117.4,	292.7,	739.0,	0.0);	( 469651.8, 3766117.4,	292.9,	739.0,	0.0);
( 469671.8, 3766117.4,	293.0,	739.0,	0.0);	( 469691.8, 3766117.4,	293.1,	739.0,	0.0);
( 469711.8, 3766117.4,	293.7,	739.0,	0.0);	( 469731.8, 3766117.4,	294.4,	739.0,	0.0);
( 469751.8, 3766117.4,	295.0,	739.0,	0.0);	( 469771.8, 3766117.4,	295.2,	739.0,	0.0);
( 469791.8, 3766117.4,	295.6,	739.0,	0.0);	( 469811.8, 3766117.4,	296.1,	739.0,	0.0);
( 469831.8, 3766117.4,	296.7,	739.0,	0.0);	( 469851.8, 3766117.4,	297.0,	739.0,	0.0);
( 469871.8, 3766117.4,	297.1,	739.0,	0.0);	( 469891.8, 3766117.4,	297.7,	739.0,	0.0);
( 469911.8, 3766117.4,	298.4,	739.0,	0.0);	( 469931.8, 3766117.4,	299.0,	739.0,	0.0);
( 469951.8, 3766117.4,	299.0,	739.0,	0.0);	( 469351.8, 3766137.4,	286.7,	739.0,	0.0);
( 469371.8, 3766137.4,	287.7,	739.0,	0.0);	( 469391.8, 3766137.4,	288.7,	739.0,	0.0);
( 469411.8, 3766137.4,	289.6,	739.0,	0.0);	( 469431.8, 3766137.4,	290.4,	739.0,	0.0);
( 469451.8, 3766137.4,	291.1,	739.0,	0.0);	( 469471.8, 3766137.4,	291.5,	739.0,	0.0);
( 469491.8, 3766137.4,	292.0,	739.0,	0.0);	( 469511.8, 3766137.4,	292.7,	739.0,	0.0);
( 469531.8, 3766137.4,	292.9,	739.0,	0.0);	( 469551.8, 3766137.4,	293.0,	739.0,	0.0);
( 469571.8, 3766137.4,	293.0,	739.0,	0.0);	( 469591.8, 3766137.4,	293.0,	739.0,	0.0);
( 469611.8, 3766137.4,	293.0,	739.0,	0.0);	( 469631.8, 3766137.4,	293.0,	739.0,	0.0);
( 469651.8, 3766137.4,	293.0,	739.0,	0.0);	( 469671.8, 3766137.4,	293.0,	739.0,	0.0);
( 469691.8, 3766137.4,	293.1,	739.0,	0.0);	( 469711.8, 3766137.4,	293.7,	739.0,	0.0);
( 469731.8, 3766137.4,	294.4,	739.0,	0.0);	( 469751.8, 3766137.4,	295.0,	739.0,	0.0);
( 469771.8, 3766137.4,	295.0,	739.0,	0.0);	( 469791.8, 3766137.4,	295.4,	739.0,	0.0);
( 469811.8, 3766137.4,	296.1,	739.0,	0.0);	( 469831.8, 3766137.4,	296.7,	739.0,	0.0);
( 469851.8, 3766137.4,	297.0,	739.0,	0.0);	( 469871.8, 3766137.4,	297.1,	739.0,	0.0);
( 469891.8, 3766137.4,	297.7,	739.0,	0.0);	( 469911.8, 3766137.4,	298.4,	739.0,	0.0);
( 469931.8, 3766137.4,	299.0,	739.0,	0.0);	( 469951.8, 3766137.4,	299.0,	739.0,	0.0);
( 469051.8, 3765277.4,	283.1,	739.0,	0.0);	( 469101.8, 3765277.4,	283.0,	739.0,	0.0);
( 469151.8, 3765277.4,	283.0,	739.0,	0.0);	( 469201.8, 3765277.4,	282.2,	739.0,	0.0);

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Existing Land Use DPM Emission Impacts

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

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

( 469251.8, 3765277.4,	281.9,	739.0,	0.0);	( 469301.8, 3765277.4,	281.0,	739.0,	0.0);
( 469351.8, 3765277.4,	280.2,	739.0,	0.0);	( 469401.8, 3765277.4,	283.9,	739.0,	0.0);
( 469451.8, 3765277.4,	286.9,	739.0,	0.0);	( 469501.8, 3765277.4,	285.6,	739.0,	0.0);
( 469551.8, 3765277.4,	285.8,	739.0,	0.0);	( 469601.8, 3765277.4,	286.3,	739.0,	0.0);
( 469651.8, 3765277.4,	286.3,	739.0,	0.0);	( 469701.8, 3765277.4,	287.4,	739.0,	0.0);
( 469751.8, 3765277.4,	290.1,	739.0,	0.0);	( 469801.8, 3765277.4,	292.7,	739.0,	0.0);
( 469851.8, 3765277.4,	293.4,	739.0,	0.0);	( 469901.8, 3765277.4,	294.8,	739.0,	0.0);
( 469951.8, 3765277.4,	296.4,	739.0,	0.0);	( 470001.8, 3765277.4,	297.6,	739.0,	0.0);
( 470051.8, 3765277.4,	298.4,	739.0,	0.0);	( 470101.8, 3765277.4,	299.2,	739.0,	0.0);
( 470151.8, 3765277.4,	300.1,	739.0,	0.0);	( 470201.8, 3765277.4,	301.1,	739.0,	0.0);
( 470251.8, 3765277.4,	302.0,	739.0,	0.0);	( 469051.8, 3765327.4,	284.1,	739.0,	0.0);
( 469101.8, 3765327.4,	283.7,	739.0,	0.0);	( 469151.8, 3765327.4,	283.0,	739.0,	0.0);
( 469201.8, 3765327.4,	283.0,	739.0,	0.0);	( 469251.8, 3765327.4,	283.2,	739.0,	0.0);
( 469301.8, 3765327.4,	283.7,	739.0,	0.0);	( 469351.8, 3765327.4,	282.6,	739.0,	0.0);
( 469401.8, 3765327.4,	281.8,	739.0,	0.0);	( 469451.8, 3765327.4,	286.3,	739.0,	0.0);
( 469501.8, 3765327.4,	286.5,	739.0,	0.0);	( 469551.8, 3765327.4,	286.4,	739.0,	0.0);
( 469601.8, 3765327.4,	287.0,	739.0,	0.0);	( 469651.8, 3765327.4,	287.8,	739.0,	0.0);
( 469701.8, 3765327.4,	289.8,	739.0,	0.0);	( 469751.8, 3765327.4,	291.4,	739.0,	0.0);
( 469801.8, 3765327.4,	292.1,	739.0,	0.0);	( 469851.8, 3765327.4,	293.2,	739.0,	0.0);

Existing REV6.ADO							
( 469901.8, 3765327.4,	294.1,	739.0,	0.0);	( 469951.8, 3765327.4,	295.7,	739.0,	0.0);
( 470001.8, 3765327.4,	297.0,	739.0,	0.0);	( 470051.8, 3765327.4,	298.1,	739.0,	0.0);
( 470101.8, 3765327.4,	298.9,	739.0,	0.0);	( 470151.8, 3765327.4,	299.8,	739.0,	0.0);
( 470201.8, 3765327.4,	301.0,	739.0,	0.0);	( 470251.8, 3765327.4,	301.7,	739.0,	0.0);
( 469051.8, 3765377.4,	285.0,	739.0,	0.0);	( 469101.8, 3765377.4,	284.0,	739.0,	0.0);
( 469151.8, 3765377.4,	283.9,	739.0,	0.0);	( 469201.8, 3765377.4,	283.8,	739.0,	0.0);
( 469251.8, 3765377.4,	284.0,	739.0,	0.0);	( 469301.8, 3765377.4,	285.1,	739.0,	0.0);
( 469351.8, 3765377.4,	286.7,	739.0,	0.0);	( 469401.8, 3765377.4,	286.0,	739.0,	0.0);
( 469451.8, 3765377.4,	285.1,	739.0,	0.0);	( 469501.8, 3765377.4,	286.7,	739.0,	0.0);
( 469551.8, 3765377.4,	287.0,	739.0,	0.0);	( 469601.8, 3765377.4,	287.0,	739.0,	0.0);
( 469651.8, 3765377.4,	287.7,	739.0,	0.0);	( 469701.8, 3765377.4,	291.4,	739.0,	0.0);
( 469751.8, 3765377.4,	293.0,	739.0,	0.0);	( 469801.8, 3765377.4,	293.0,	739.0,	0.0);
( 469851.8, 3765377.4,	294.0,	739.0,	0.0);	( 469901.8, 3765377.4,	294.1,	739.0,	0.0);
( 469951.8, 3765377.4,	295.7,	739.0,	0.0);	( 470001.8, 3765377.4,	296.4,	739.0,	0.0);
( 470051.8, 3765377.4,	298.0,	739.0,	0.0);	( 470101.8, 3765377.4,	298.7,	739.0,	0.0);
( 470151.8, 3765377.4,	299.4,	739.0,	0.0);	( 470201.8, 3765377.4,	301.0,	739.0,	0.0);
( 470251.8, 3765377.4,	301.7,	739.0,	0.0);	( 469051.8, 3765427.4,	285.3,	739.0,	0.0);
( 469101.8, 3765427.4,	284.6,	739.0,	0.0);	( 469151.8, 3765427.4,	284.0,	739.0,	0.0);
( 469201.8, 3765427.4,	284.0,	739.0,	0.0);	( 469251.8, 3765427.4,	285.1,	739.0,	0.0);
( 469301.8, 3765427.4,	286.1,	739.0,	0.0);	( 469351.8, 3765427.4,	286.9,	739.0,	0.0);
( 469401.8, 3765427.4,	287.0,	739.0,	0.0);	( 469451.8, 3765427.4,	287.0,	739.0,	0.0);
( 469501.8, 3765427.4,	286.2,	739.0,	0.0);	( 469551.8, 3765427.4,	287.0,	739.0,	0.0);
( 469601.8, 3765427.4,	287.0,	739.0,	0.0);	( 469651.8, 3765427.4,	287.2,	739.0,	0.0);
( 469701.8, 3765427.4,	290.8,	739.0,	0.0);	( 469751.8, 3765427.4,	293.1,	739.0,	0.0);
( 469801.8, 3765427.4,	294.0,	739.0,	0.0);	( 469851.8, 3765427.4,	294.0,	739.0,	0.0);
( 469901.8, 3765427.4,	295.0,	739.0,	0.0);	( 469951.8, 3765427.4,	295.7,	739.0,	0.0);

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

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

( 470001.8, 3765427.4,	296.4,	739.0,	0.0);	( 470051.8, 3765427.4,	297.7,	739.0,	0.0);
( 470101.8, 3765427.4,	298.7,	739.0,	0.0);	( 470151.8, 3765427.4,	299.4,	739.0,	0.0);
( 470201.8, 3765427.4,	300.1,	739.0,	0.0);	( 470251.8, 3765427.4,	301.2,	739.0,	0.0);
( 469051.8, 3765477.4,	286.1,	739.0,	0.0);	( 469101.8, 3765477.4,	285.2,	739.0,	0.0);
( 469151.8, 3765477.4,	284.3,	739.0,	0.0);	( 469201.8, 3765477.4,	284.7,	739.0,	0.0);
( 469251.8, 3765477.4,	285.6,	739.0,	0.0);	( 469301.8, 3765477.4,	286.4,	739.0,	0.0);
( 469351.8, 3765477.4,	287.0,	739.0,	0.0);	( 469401.8, 3765477.4,	287.2,	739.0,	0.0);
( 469451.8, 3765477.4,	287.0,	739.0,	0.0);	( 469501.8, 3765477.4,	287.1,	739.0,	0.0);
( 469551.8, 3765477.4,	286.6,	739.0,	0.0);	( 469601.8, 3765477.4,	287.0,	739.0,	0.0);
( 469651.8, 3765477.4,	287.0,	739.0,	0.0);	( 469701.8, 3765477.4,	289.0,	739.0,	0.0);
( 469751.8, 3765477.4,	292.3,	739.0,	0.0);	( 469801.8, 3765477.4,	293.5,	739.0,	0.0);
( 469851.8, 3765477.4,	293.8,	739.0,	0.0);	( 469901.8, 3765477.4,	294.6,	739.0,	0.0);
( 469951.8, 3765477.4,	294.9,	739.0,	0.0);	( 470001.8, 3765477.4,	296.0,	739.0,	0.0);
( 470051.8, 3765477.4,	297.7,	739.0,	0.0);	( 470101.8, 3765477.4,	298.7,	739.0,	0.0);
( 470151.8, 3765477.4,	299.6,	739.0,	0.0);	( 470201.8, 3765477.4,	299.7,	739.0,	0.0);
( 470251.8, 3765477.4,	300.7,	739.0,	0.0);	( 469051.8, 3765527.4,	287.3,	739.0,	0.0);
( 469101.8, 3765527.4,	285.6,	739.0,	0.0);	( 469151.8, 3765527.4,	284.9,	739.0,	0.0);
( 469201.8, 3765527.4,	284.8,	739.0,	0.0);	( 469251.8, 3765527.4,	285.4,	739.0,	0.0);
( 469301.8, 3765527.4,	287.0,	739.0,	0.0);	( 469351.8, 3765527.4,	287.0,	739.0,	0.0);
( 469401.8, 3765527.4,	288.0,	739.0,	0.0);	( 469451.8, 3765527.4,	288.0,	739.0,	0.0);
( 469501.8, 3765527.4,	288.0,	739.0,	0.0);	( 469551.8, 3765527.4,	287.4,	739.0,	0.0);
( 469601.8, 3765527.4,	288.0,	739.0,	0.0);	( 469651.8, 3765527.4,	287.0,	739.0,	0.0);
( 469701.8, 3765527.4,	287.0,	739.0,	0.0);	( 469751.8, 3765527.4,	290.1,	739.0,	0.0);
( 469801.8, 3765527.4,	292.7,	739.0,	0.0);	( 469851.8, 3765527.4,	293.4,	739.0,	0.0);
( 469901.8, 3765527.4,	294.0,	739.0,	0.0);	( 469951.8, 3765527.4,	294.0,	739.0,	0.0);
( 470001.8, 3765527.4,	295.4,	739.0,	0.0);	( 470051.8, 3765527.4,	297.0,	739.0,	0.0);
( 470101.8, 3765527.4,	298.7,	739.0,	0.0);	( 470151.8, 3765527.4,	299.0,	739.0,	0.0);
( 470201.8, 3765527.4,	299.1,	739.0,	0.0);	( 470251.8, 3765527.4,	300.7,	739.0,	0.0);

Existing REV6.ADO

( 469051.8, 3765577.4,	288.2,	739.0,	0.0);	( 469101.8, 3765577.4,	286.4,	739.0,	0.0);
( 469151.8, 3765577.4,	285.0,	739.0,	0.0);	( 469201.8, 3765577.4,	285.0,	739.0,	0.0);
( 469251.8, 3765577.4,	285.8,	739.0,	0.0);	( 469301.8, 3765577.4,	287.0,	739.0,	0.0);
( 470001.8, 3765577.4,	293.7,	739.0,	0.0);	( 470051.8, 3765577.4,	295.4,	739.0,	0.0);
( 470101.8, 3765577.4,	297.7,	739.0,	0.0);	( 470151.8, 3765577.4,	298.4,	739.0,	0.0);
( 470201.8, 3765577.4,	299.7,	739.0,	0.0);	( 470251.8, 3765577.4,	300.7,	739.0,	0.0);
( 469051.8, 3765627.4,	289.6,	739.0,	0.0);	( 469201.8, 3765627.4,	287.3,	739.0,	0.0);
( 469151.8, 3765627.4,	285.9,	739.0,	0.0);	( 469201.8, 3765627.4,	285.0,	739.0,	0.0);
( 469251.8, 3765627.4,	285.4,	739.0,	0.0);	( 469301.8, 3765627.4,	286.1,	739.0,	0.0);
( 470001.8, 3765627.4,	293.0,	739.0,	0.0);	( 470051.8, 3765627.4,	295.2,	739.0,	0.0);
( 470101.8, 3765627.4,	297.8,	739.0,	0.0);	( 470151.8, 3765627.4,	299.2,	739.0,	0.0);
( 470201.8, 3765627.4,	300.1,	739.0,	0.0);	( 470251.8, 3765627.4,	301.7,	739.0,	0.0);
( 469051.8, 3765677.4,	291.3,	739.0,	0.0);	( 469101.8, 3765677.4,	288.6,	739.0,	0.0);
( 469151.8, 3765677.4,	286.0,	739.0,	0.0);	( 469201.8, 3765677.4,	285.3,	739.0,	0.0);
( 469251.8, 3765677.4,	285.4,	739.0,	0.0);	( 469301.8, 3765677.4,	286.0,	739.0,	0.0);
( 470001.8, 3765677.4,	294.0,	739.0,	0.0);	( 470051.8, 3765677.4,	296.1,	739.0,	0.0);
( 470101.8, 3765677.4,	297.7,	739.0,	0.0);	( 470151.8, 3765677.4,	299.4,	739.0,	0.0);

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Existing Land Use DPM Emission Impacts \*\*\*      \*\*\* 06/30/23  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*      \*\*\* 05:46:32

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

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

( 470201.8, 3765677.4,	300.1,	739.0,	0.0);	( 470251.8, 3765677.4,	301.8,	739.0,	0.0);
( 469051.8, 3765727.4,	292.2,	739.0,	0.0);	( 469101.8, 3765727.4,	289.9,	739.0,	0.0);
( 469151.8, 3765727.4,	286.9,	739.0,	0.0);	( 469201.8, 3765727.4,	286.0,	739.0,	0.0);
( 469251.8, 3765727.4,	286.0,	739.0,	0.0);	( 469301.8, 3765727.4,	286.0,	739.0,	0.0);
( 470001.8, 3765727.4,	295.3,	739.0,	0.0);	( 470051.8, 3765727.4,	296.8,	739.0,	0.0);
( 470101.8, 3765727.4,	297.9,	739.0,	0.0);	( 470151.8, 3765727.4,	299.4,	739.0,	0.0);
( 470201.8, 3765727.4,	301.1,	739.0,	0.0);	( 470251.8, 3765727.4,	302.7,	739.0,	0.0);
( 469051.8, 3765777.4,	293.8,	739.0,	0.0);	( 469101.8, 3765777.4,	291.3,	739.0,	0.0);
( 469151.8, 3765777.4,	288.2,	739.0,	0.0);	( 469201.8, 3765777.4,	286.9,	739.0,	0.0);
( 469251.8, 3765777.4,	286.0,	739.0,	0.0);	( 469301.8, 3765777.4,	286.4,	739.0,	0.0);
( 470001.8, 3765777.4,	296.4,	739.0,	0.0);	( 470051.8, 3765777.4,	297.4,	739.0,	0.0);
( 470101.8, 3765777.4,	298.3,	739.0,	0.0);	( 470151.8, 3765777.4,	299.4,	739.0,	0.0);
( 470201.8, 3765777.4,	301.1,	739.0,	0.0);	( 470251.8, 3765777.4,	302.7,	739.0,	0.0);
( 469051.8, 3765827.4,	294.6,	739.0,	0.0);	( 469101.8, 3765827.4,	292.2,	739.0,	0.0);
( 469151.8, 3765827.4,	290.0,	739.0,	0.0);	( 469201.8, 3765827.4,	288.3,	739.0,	0.0);
( 469251.8, 3765827.4,	286.6,	739.0,	0.0);	( 469301.8, 3765827.4,	287.0,	739.0,	0.0);
( 470001.8, 3765827.4,	297.0,	739.0,	0.0);	( 470051.8, 3765827.4,	298.0,	739.0,	0.0);
( 470101.8, 3765827.4,	298.8,	739.0,	0.0);	( 470151.8, 3765827.4,	300.0,	739.0,	0.0);
( 470201.8, 3765827.4,	301.1,	739.0,	0.0);	( 470251.8, 3765827.4,	302.7,	739.0,	0.0);
( 469051.8, 3765877.4,	295.5,	739.0,	0.0);	( 469101.8, 3765877.4,	293.0,	739.0,	0.0);
( 469151.8, 3765877.4,	290.9,	739.0,	0.0);	( 469201.8, 3765877.4,	288.4,	739.0,	0.0);
( 469251.8, 3765877.4,	286.6,	739.0,	0.0);	( 469301.8, 3765877.4,	286.1,	739.0,	0.0);
( 470001.8, 3765877.4,	297.8,	739.0,	0.0);	( 470051.8, 3765877.4,	298.7,	739.0,	0.0);
( 470101.8, 3765877.4,	299.5,	739.0,	0.0);	( 470151.8, 3765877.4,	300.4,	739.0,	0.0);
( 470201.8, 3765877.4,	301.1,	739.0,	0.0);	( 470251.8, 3765877.4,	302.7,	739.0,	0.0);
( 469051.8, 3765927.4,	296.5,	739.0,	0.0);	( 469101.8, 3765927.4,	293.8,	739.0,	0.0);
( 469151.8, 3765927.4,	291.3,	739.0,	0.0);	( 469201.8, 3765927.4,	289.3,	739.0,	0.0);
( 469251.8, 3765927.4,	287.0,	739.0,	0.0);	( 469301.8, 3765927.4,	286.1,	739.0,	0.0);
( 470001.8, 3765927.4,	298.0,	739.0,	0.0);	( 470051.8, 3765927.4,	299.0,	739.0,	0.0);
( 470101.8, 3765927.4,	299.7,	739.0,	0.0);	( 470151.8, 3765927.4,	300.4,	739.0,	0.0);
( 470201.8, 3765927.4,	301.4,	739.0,	0.0);	( 470251.8, 3765927.4,	302.7,	739.0,	0.0);
( 469051.8, 3765977.4,	297.3,	739.0,	0.0);	( 469101.8, 3765977.4,	294.6,	739.0,	0.0);
( 469151.8, 3765977.4,	291.9,	739.0,	0.0);	( 469201.8, 3765977.4,	289.5,	739.0,	0.0);
( 469251.8, 3765977.4,	287.6,	739.0,	0.0);	( 469301.8, 3765977.4,	286.1,	739.0,	0.0);
( 470001.8, 3765977.4,	298.6,	739.0,	0.0);	( 470051.8, 3765977.4,	299.0,	739.0,	0.0);
( 470101.8, 3765977.4,	299.7,	739.0,	0.0);	( 470151.8, 3765977.4,	300.4,	739.0,	0.0);
( 470201.8, 3765977.4,	301.1,	739.0,	0.0);	( 470251.8, 3765977.4,	302.7,	739.0,	0.0);

Existing REV6.ADO

( 469051.8, 3766027.4,	298.0,	739.0,	0.0);	( 469101.8, 3766027.4,	295.0,	739.0,	0.0);
( 469151.8, 3766027.4,	291.9,	739.0,	0.0);	( 469201.8, 3766027.4,	290.3,	739.0,	0.0);
( 469251.8, 3766027.4,	288.0,	739.0,	0.0);	( 469301.8, 3766027.4,	286.1,	739.0,	0.0);
( 470001.8, 3766027.4,	299.4,	739.0,	0.0);	( 470051.8, 3766027.4,	298.7,	739.0,	0.0);
( 470101.8, 3766027.4,	299.0,	739.0,	0.0);	( 470151.8, 3766027.4,	299.6,	739.0,	0.0);
( 470201.8, 3766027.4,	301.1,	739.0,	0.0);	( 470251.8, 3766027.4,	302.9,	739.0,	0.0);
( 469051.8, 3766077.4,	298.5,	739.0,	0.0);	( 469101.8, 3766077.4,	295.2,	739.0,	0.0);
( 469151.8, 3766077.4,	292.9,	739.0,	0.0);	( 469201.8, 3766077.4,	290.3,	739.0,	0.0);

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Existing Land Use DPM Emission Impacts \*\*\* 06/30/23  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* \*\*\* 05:46:32

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

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

( 469251.8, 3766077.4,	288.6,	739.0,	0.0);	( 469301.8, 3766077.4,	286.4,	739.0,	0.0);
( 470001.8, 3766077.4,	300.0,	739.0,	0.0);	( 470051.8, 3766077.4,	299.3,	739.0,	0.0);
( 470101.8, 3766077.4,	299.0,	739.0,	0.0);	( 470151.8, 3766077.4,	299.4,	739.0,	0.0);
( 470201.8, 3766077.4,	301.5,	739.0,	0.0);	( 470251.8, 3766077.4,	303.8,	739.0,	0.0);
( 469051.8, 3766127.4,	298.5,	739.0,	0.0);	( 469101.8, 3766127.4,	295.6,	739.0,	0.0);
( 469151.8, 3766127.4,	292.9,	739.0,	0.0);	( 469201.8, 3766127.4,	290.3,	739.0,	0.0);
( 469251.8, 3766127.4,	288.6,	739.0,	0.0);	( 469301.8, 3766127.4,	286.9,	739.0,	0.0);
( 470001.8, 3766127.4,	300.0,	739.0,	0.0);	( 470051.8, 3766127.4,	301.0,	739.0,	0.0);
( 470101.8, 3766127.4,	301.0,	739.0,	0.0);	( 470151.8, 3766127.4,	300.5,	739.0,	0.0);
( 470201.8, 3766127.4,	303.1,	739.0,	0.0);	( 470251.8, 3766127.4,	304.8,	739.0,	0.0);
( 469051.8, 3766177.4,	299.2,	739.0,	0.0);	( 469101.8, 3766177.4,	296.5,	739.0,	0.0);
( 469151.8, 3766177.4,	293.6,	739.0,	0.0);	( 469201.8, 3766177.4,	291.3,	739.0,	0.0);
( 469251.8, 3766177.4,	288.6,	739.0,	0.0);	( 469301.8, 3766177.4,	286.9,	739.0,	0.0);
( 469351.8, 3766177.4,	286.7,	739.0,	0.0);	( 469401.8, 3766177.4,	288.5,	739.0,	0.0);
( 469451.8, 3766177.4,	290.4,	739.0,	0.0);	( 469501.8, 3766177.4,	291.7,	739.0,	0.0);
( 469551.8, 3766177.4,	293.0,	739.0,	0.0);	( 469601.8, 3766177.4,	293.0,	739.0,	0.0);
( 469651.8, 3766177.4,	293.0,	739.0,	0.0);	( 469701.8, 3766177.4,	293.4,	739.0,	0.0);
( 469751.8, 3766177.4,	294.4,	739.0,	0.0);	( 469801.8, 3766177.4,	295.7,	739.0,	0.0);
( 469851.8, 3766177.4,	297.3,	739.0,	0.0);	( 469901.8, 3766177.4,	298.1,	739.0,	0.0);
( 469951.8, 3766177.4,	299.0,	739.0,	0.0);	( 470001.8, 3766177.4,	300.1,	739.0,	0.0);
( 470051.8, 3766177.4,	301.1,	739.0,	0.0);	( 470101.8, 3766177.4,	302.0,	739.0,	0.0);
( 470151.8, 3766177.4,	302.8,	739.0,	0.0);	( 470201.8, 3766177.4,	304.0,	739.0,	0.0);
( 470251.8, 3766177.4,	304.8,	739.0,	0.0);	( 469051.8, 3766227.4,	300.4,	739.0,	0.0);
( 469101.8, 3766227.4,	297.3,	739.0,	0.0);	( 469151.8, 3766227.4,	294.3,	739.0,	0.0);
( 469201.8, 3766227.4,	291.8,	739.0,	0.0);	( 469251.8, 3766227.4,	288.7,	739.0,	0.0);
( 469301.8, 3766227.4,	286.6,	739.0,	0.0);	( 469351.8, 3766227.4,	286.7,	739.0,	0.0);
( 469401.8, 3766227.4,	288.6,	739.0,	0.0);	( 469451.8, 3766227.4,	290.4,	739.0,	0.0);
( 469501.8, 3766227.4,	291.8,	739.0,	0.0);	( 469551.8, 3766227.4,	292.6,	739.0,	0.0);
( 469601.8, 3766227.4,	293.0,	739.0,	0.0);	( 469651.8, 3766227.4,	292.7,	739.0,	0.0);
( 469701.8, 3766227.4,	293.3,	739.0,	0.0);	( 469751.8, 3766227.4,	294.1,	739.0,	0.0);
( 469801.8, 3766227.4,	295.7,	739.0,	0.0);	( 469851.8, 3766227.4,	297.4,	739.0,	0.0);
( 469901.8, 3766227.4,	298.1,	739.0,	0.0);	( 469951.8, 3766227.4,	299.7,	739.0,	0.0);
( 470001.8, 3766227.4,	300.4,	739.0,	0.0);	( 470051.8, 3766227.4,	301.1,	739.0,	0.0);
( 470101.8, 3766227.4,	302.7,	739.0,	0.0);	( 470151.8, 3766227.4,	303.4,	739.0,	0.0);
( 470201.8, 3766227.4,	305.0,	739.0,	0.0);	( 470251.8, 3766227.4,	304.5,	739.0,	0.0);
( 469051.8, 3766277.4,	300.5,	739.0,	0.0);	( 469101.8, 3766277.4,	298.2,	739.0,	0.0);
( 469151.8, 3766277.4,	295.9,	739.0,	0.0);	( 469201.8, 3766277.4,	293.3,	739.0,	0.0);
( 469251.8, 3766277.4,	288.8,	739.0,	0.0);	( 469301.8, 3766277.4,	285.1,	739.0,	0.0);
( 469351.8, 3766277.4,	286.7,	739.0,	0.0);	( 469401.8, 3766277.4,	288.8,	739.0,	0.0);
( 469451.8, 3766277.4,	291.1,	739.0,	0.0);	( 469501.8, 3766277.4,	292.8,	739.0,	0.0);
( 469551.8, 3766277.4,	293.0,	739.0,	0.0);	( 469601.8, 3766277.4,	294.0,	739.0,	0.0);
( 469651.8, 3766277.4,	293.3,	739.0,	0.0);	( 469701.8, 3766277.4,	292.4,	739.0,	0.0);
( 469751.8, 3766277.4,	294.1,	739.0,	0.0);	( 469801.8, 3766277.4,	295.7,	739.0,	0.0);
( 469851.8, 3766277.4,	297.4,	739.0,	0.0);	( 469901.8, 3766277.4,	299.0,	739.0,	0.0);
( 469951.8, 3766277.4,	299.7,	739.0,	0.0);	( 470001.8, 3766277.4,	300.4,	739.0,	0.0);

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Existing Land Use DPM Emission Impacts \*\*\* 06/30/23

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## Existing REV6.ADO

\*\*\* AERMET - VERSION 16216 \*\*\*

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ U\*

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

(470051.8, 3766277.4,	301.1,	739.0,	0.0);	(470101.8, 3766277.4,	302.0,	739.0,	0.0);
(470151.8, 3766277.4,	303.4,	739.0,	0.0);	(470201.8, 3766277.4,	304.0,	739.0,	0.0);
(470251.8, 3766277.4,	304.9,	739.0,	0.0);	(469051.8, 3766327.4,	301.3,	739.0,	0.0);
(469101.8, 3766327.4,	298.5,	739.0,	0.0);	(469151.8, 3766327.4,	295.9,	739.0,	0.0);
(469201.8, 3766327.4,	293.4,	739.0,	0.0);	(469251.8, 3766327.4,	289.5,	739.0,	0.0);
(469301.8, 3766327.4,	285.0,	739.0,	0.0);	(469351.8, 3766327.4,	286.0,	739.0,	0.0);
(469401.8, 3766327.4,	288.8,	739.0,	0.0);	(469451.8, 3766327.4,	292.1,	739.0,	0.0);
(469501.8, 3766327.4,	293.5,	739.0,	0.0);	(469551.8, 3766327.4,	294.3,	739.0,	0.0);
(469601.8, 3766327.4,	295.4,	739.0,	0.0);	(469651.8, 3766327.4,	294.9,	739.0,	0.0);
(469701.8, 3766327.4,	290.6,	739.0,	0.0);	(469751.8, 3766327.4,	294.1,	739.0,	0.0);
(469801.8, 3766327.4,	295.7,	739.0,	0.0);	(469851.8, 3766327.4,	297.4,	739.0,	0.0);
(469901.8, 3766327.4,	299.0,	739.0,	0.0);	(469951.8, 3766327.4,	299.7,	739.0,	0.0);
(470001.8, 3766327.4,	300.4,	739.0,	0.0);	(470051.8, 3766327.4,	300.4,	739.0,	0.0);
(470101.8, 3766327.4,	301.2,	739.0,	0.0);	(470151.8, 3766327.4,	301.6,	739.0,	0.0);
(470201.8, 3766327.4,	300.9,	739.0,	0.0);	(470251.8, 3766327.4,	302.4,	739.0,	0.0);
(469051.8, 3766327.4,	301.4,	739.0,	0.0);	(469101.8, 3766327.4,	298.6,	739.0,	0.0);
(469151.8, 3766327.4,	295.9,	739.0,	0.0);	(469201.8, 3766327.4,	293.5,	739.0,	0.0);
(469251.8, 3766327.4,	289.6,	739.0,	0.0);	(469301.8, 3766327.4,	284.8,	739.0,	0.0);
(469351.8, 3766327.4,	282.9,	739.0,	0.0);	(469401.8, 3766327.4,	286.8,	739.0,	0.0);
(469451.8, 3766327.4,	292.1,	739.0,	0.0);	(469501.8, 3766327.4,	293.7,	739.0,	0.0);
(469551.8, 3766327.4,	295.0,	739.0,	0.0);	(469601.8, 3766327.4,	296.1,	739.0,	0.0);
(469651.8, 3766327.4,	296.7,	739.0,	0.0);	(469701.8, 3766327.4,	290.6,	739.0,	0.0);
(469751.8, 3766327.4,	293.7,	739.0,	0.0);	(469801.8, 3766327.4,	295.7,	739.0,	0.0);
(469851.8, 3766327.4,	297.6,	739.0,	0.0);	(469901.8, 3766327.4,	299.1,	739.0,	0.0);
(469951.8, 3766327.4,	300.0,	739.0,	0.0);	(470001.8, 3766327.4,	299.6,	739.0,	0.0);
(470051.8, 3766327.4,	298.6,	739.0,	0.0);	(470101.8, 3766327.4,	299.2,	739.0,	0.0);
(470151.8, 3766327.4,	298.8,	739.0,	0.0);	(470201.8, 3766327.4,	300.3,	739.0,	0.0);
(470251.8, 3766327.4,	303.9,	739.0,	0.0);	(469051.8, 3766427.4,	301.5,	739.0,	0.0);
(469101.8, 3766427.4,	298.6,	739.0,	0.0);	(469151.8, 3766427.4,	295.8,	739.0,	0.0);
(469201.8, 3766427.4,	292.5,	739.0,	0.0);	(469251.8, 3766427.4,	287.1,	739.0,	0.0);
(469301.8, 3766427.4,	284.8,	739.0,	0.0);	(469351.8, 3766427.4,	280.5,	739.0,	0.0);
(469401.8, 3766427.4,	285.9,	739.0,	0.0);	(469451.8, 3766427.4,	293.1,	739.0,	0.0);
(469501.8, 3766427.4,	294.7,	739.0,	0.0);	(469551.8, 3766427.4,	296.0,	739.0,	0.0);
(469601.8, 3766427.4,	297.0,	739.0,	0.0);	(469651.8, 3766427.4,	297.0,	739.0,	0.0);
(469701.8, 3766427.4,	292.6,	739.0,	0.0);	(469751.8, 3766427.4,	293.1,	739.0,	0.0);
(469801.8, 3766427.4,	295.7,	739.0,	0.0);	(469851.8, 3766427.4,	297.8,	739.0,	0.0);
(469901.8, 3766427.4,	299.1,	739.0,	0.0);	(469951.8, 3766427.4,	299.0,	739.0,	0.0);
(470001.8, 3766427.4,	291.6,	739.0,	0.0);	(470051.8, 3766427.4,	292.4,	739.0,	0.0);
(470101.8, 3766427.4,	297.0,	739.0,	0.0);	(470151.8, 3766427.4,	301.3,	739.0,	0.0);
(470201.8, 3766427.4,	305.0,	739.0,	0.0);	(470251.8, 3766427.4,	305.8,	739.0,	0.0);
(469541.4, 3765896.9,	291.1,	739.0,	0.0);				

\*\*\* AERMOD - VERSION 22112 \*\*\*      \*\*\* Existing Land Use DPM Emission Impacts

\*\*\* 06/30/23

\*\*\* AFMET - VERSION 16216 \*\*\*

05:46:32

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\*\*\* MODEL OPTs: CONC ELEV URBAN ADJ\_U\*

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

## Existing REV6.ADO

111111111111 111111111111 111111111111 111111111111 111111111111  
111111111111 1111111

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 22112 \*\*\* \*\*\* Existing Land Use DPM Emission Impacts \*\*\* 06/30/23  
\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* \*\*\* 05:46:32  
\*\*\* MODELOPT: CONC\_ELEV\_HRPN\_ADL\_HI\* PAGE 22

\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

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

Surface file: .....\VAERMOD\RiversideAirportADJU\KRAL\_V9\_ADJU\KRAL\_v9.SFC

Profile file: .....\VAERMOD\RiversideAirportADJU\KRAL\_V9\_ADJU\KRAL\_v9.PFL

## Surface format: FREE

## Profile format: FREE

Surface station no.: 3171

Upper air station no.: 3190

Name: UNKNOWN

Name: SNR

Year: 2012

## 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

12	01	01	1	01	-25.6	0.266	-9.000	-9.000	-999.	330.	77.9	0.15	2.40	1.00	2.93	55.	10.1	288.1	2.0
12	01	01	1	02	-26.8	0.277	-9.000	-9.000	-999.	351.	84.7	0.15	2.40	1.00	3.05	55.	10.1	287.0	2.0
12	01	01	1	03	-21.5	0.221	-9.000	-9.000	-999.	250.	53.5	0.15	2.40	1.00	2.45	74.	10.1	284.2	2.0
12	01	01	1	04	-22.0	0.227	-9.000	-9.000	-999.	260.	56.8	0.15	2.40	1.00	2.52	77.	10.1	285.9	2.0
12	01	01	1	05	-20.0	0.206	-9.000	-9.000	-999.	225.	46.8	0.15	2.40	1.00	2.30	80.	10.1	285.4	2.0
12	01	01	1	06	-14.4	0.171	-9.000	-9.000	-999.	170.	32.1	0.15	2.40	1.00	1.93	79.	10.1	287.0	2.0
12	01	01	1	07	-14.9	0.174	-9.000	-9.000	-999.	174.	33.2	0.15	2.40	1.00	1.96	77.	10.1	284.2	2.0
12	01	01	1	08	-11.9	0.169	-9.000	-9.000	-999.	167.	36.1	0.15	2.40	0.53	1.89	77.	10.1	288.1	2.0
12	01	01	1	09	40.4	0.234	0.359	0.006	40.	272.	-28.1	0.15	2.40	0.31	2.10	81.	10.1	289.2	2.0
12	01	01	1	10	112.6	0.246	0.742	0.005	129.	293.	-11.8	0.15	2.40	0.24	1.99	101.	10.1	296.4	2.0
12	01	01	1	11	161.0	0.402	1.188	0.005	369.	611.	-35.6	0.15	2.40	0.21	3.68	78.	10.1	298.8	2.0
12	01	01	1	12	184.7	0.337	1.516	0.005	668.	473.	-18.4	0.15	2.40	0.20	2.89	68.	10.1	300.4	2.0
12	01	01	1	13	183.9	0.310	1.809	0.005	1139.	414.	-14.2	0.15	2.40	0.20	2.57	64.	10.1	302.5	2.0
12	01	01	1	14	156.6	0.374	1.852	0.005	1434.	549.	-29.5	0.15	2.40	0.22	3.37	63.	10.1	303.1	2.0
12	01	01	1	15	104.3	0.382	1.658	0.005	1546.	567.	-47.2	0.15	2.40	0.25	3.59	62.	10.1	302.5	2.0
12	01	01	1	16	31.8	0.374	1.123	0.005	1573.	550.	-145.8	0.15	2.40	0.34	3.76	69.	10.1	300.9	2.0
12	01	01	1	17	-23.3	0.276	-9.000	-9.000	-999.	354.	84.0	0.15	2.40	0.62	3.03	59.	10.1	297.5	2.0
12	01	01	1	18	-21.5	0.229	-9.000	-9.000	-999.	264.	57.8	0.15	2.40	1.00	2.54	54.	10.1	295.4	2.0
12	01	01	1	19	-19.3	0.204	-9.000	-9.000	-999.	221.	45.6	0.15	2.40	1.00	2.27	79.	10.1	292.0	2.0
12	01	01	1	20	-20.7	0.218	-9.000	-9.000	-999.	244.	52.2	0.15	2.40	1.00	2.42	79.	10.1	292.5	2.0
12	01	01	1	21	-19.7	0.206	-9.000	-9.000	-999.	225.	46.9	0.15	2.40	1.00	2.30	95.	10.1	290.9	2.0
12	01	01	1	22	-17.6	0.190	-9.000	-9.000	-999.	199.	39.8	0.15	2.40	1.00	2.13	78.	10.1	290.4	2.0
12	01	01	1	23	-20.3	0.211	-9.000	-9.000	-999.	233.	49.0	0.15	2.40	1.00	2.35	52.	10.1	289.2	2.0
12	01	01	1	24	-16.4	0.183	-9.000	-9.000	-999.	189.	37.0	0.15	2.40	1.00	2.06	75.	10.1	288.8	2.0

### First hour of profile data

```

First hour of profile data
YR MO DY HR HEIGHT F WDIR WSPD AMB_TMP sigmaA sigmaW sigmaV
12 01 01 01 10 1.1 55 2 93 288 2 99.0 -99.00 -99.00

```

E indicates top of profile ( $\equiv 1$ ) or below ( $\equiv 0$ )

† indicates top of profile (-1) or below (-3)  
\*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Existing Land Use DPM Emission Impacts

\*\*\* 06/30/23

## Existing REV6.ADO

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 05:46:32

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): IDLE4 , IDLE5 , IDLE6 , IDLE7 , A0000025 ,  
A0000026 , A0000027 , A0000028 , A0000029 , A0000030 , A0000031 , A0000032 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
469745.20	3765777.05	0.00031	469745.20	3765797.05	0.00038
469745.20	3765817.05	0.00049	469745.20	3765837.05	0.00065
469745.20	3765857.05	0.00092	469745.20	3765877.05	0.00141
469745.20	3765897.05	0.00219	469548.66	3765917.39	0.00063
469745.20	3765917.05	0.00260	469551.78	3765937.39	0.00060
469745.20	3765937.05	0.00163	469351.78	3765577.39	0.00009
469371.78	3765577.39	0.00010	469391.78	3765577.39	0.00010
469411.78	3765577.39	0.00010	469431.78	3765577.39	0.00010
469451.78	3765577.39	0.00010	469471.78	3765577.39	0.00010
469491.78	3765577.39	0.00010	469511.78	3765577.39	0.00010
469531.78	3765577.39	0.00010	469551.78	3765577.39	0.00010
469571.78	3765577.39	0.00010	469591.78	3765577.39	0.00010
469611.78	3765577.39	0.00009	469631.78	3765577.39	0.00009
469651.78	3765577.39	0.00009	469671.78	3765577.39	0.00008
469691.78	3765577.39	0.00008	469711.78	3765577.39	0.00008
469731.78	3765577.39	0.00008	469751.78	3765577.39	0.00008
469771.78	3765577.39	0.00008	469791.78	3765577.39	0.00008
469811.78	3765577.39	0.00008	469831.78	3765577.39	0.00008
469851.78	3765577.39	0.00007	469871.78	3765577.39	0.00007
469891.78	3765577.39	0.00007	469911.78	3765577.39	0.00007
469931.78	3765577.39	0.00007	469951.78	3765577.39	0.00007
469351.78	3765597.39	0.00010	469371.78	3765597.39	0.00010
469391.78	3765597.39	0.00011	469411.78	3765597.39	0.00011
469431.78	3765597.39	0.00011	469451.78	3765597.39	0.00011
469471.78	3765597.39	0.00011	469491.78	3765597.39	0.00012
469511.78	3765597.39	0.00012	469531.78	3765597.39	0.00011
469551.78	3765597.39	0.00011	469571.78	3765597.39	0.00011
469591.78	3765597.39	0.00011	469611.78	3765597.39	0.00010
469631.78	3765597.39	0.00010	469651.78	3765597.39	0.00010
469671.78	3765597.39	0.00010	469691.78	3765597.39	0.00009
469711.78	3765597.39	0.00009	469731.78	3765597.39	0.00009
469751.78	3765597.39	0.00009	469771.78	3765597.39	0.00009
469791.78	3765597.39	0.00008	469811.78	3765597.39	0.00008
469831.78	3765597.39	0.00008	469851.78	3765597.39	0.00008
469871.78	3765597.39	0.00008	469891.78	3765597.39	0.00008
469911.78	3765597.39	0.00008	469931.78	3765597.39	0.00008
469951.78	3765597.39	0.00007	469351.78	3765617.39	0.00011
469371.78	3765617.39	0.00011	469391.78	3765617.39	0.00012
469411.78	3765617.39	0.00012	469431.78	3765617.39	0.00012
469451.78	3765617.39	0.00013	469471.78	3765617.39	0.00013

‡ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Existing Land Use DPM Emission Impacts

\*\*\* 06/30/23

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 05:46:32

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): IDLE4 , IDLE5 , IDLE6 , IDLE7 , A0000025 ,

Existing REV6.ADO  
A0000026 , A0000027 , A0000028 , A0000029 , A0000030 , A0000031 , A0000032 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
469491.78	3765617.39	0.00013	469511.78	3765617.39	0.00013
469531.78	3765617.39	0.00013	469551.78	3765617.39	0.00013
469571.78	3765617.39	0.00013	469591.78	3765617.39	0.00012
469611.78	3765617.39	0.00012	469631.78	3765617.39	0.00012
469651.78	3765617.39	0.00011	469671.78	3765617.39	0.00011
469691.78	3765617.39	0.00011	469711.78	3765617.39	0.00010
469731.78	3765617.39	0.00010	469751.78	3765617.39	0.00010
469771.78	3765617.39	0.00010	469791.78	3765617.39	0.00009
469811.78	3765617.39	0.00009	469831.78	3765617.39	0.00009
469851.78	3765617.39	0.00009	469871.78	3765617.39	0.00009
469891.78	3765617.39	0.00009	469911.78	3765617.39	0.00009
469931.78	3765617.39	0.00008	469951.78	3765617.39	0.00008
469351.78	3765637.39	0.00012	469371.78	3765637.39	0.00012
469391.78	3765637.39	0.00013	469411.78	3765637.39	0.00013
469431.78	3765637.39	0.00014	469451.78	3765637.39	0.00014
469471.78	3765637.39	0.00015	469491.78	3765637.39	0.00015
469511.78	3765637.39	0.00015	469531.78	3765637.39	0.00015
469551.78	3765637.39	0.00015	469571.78	3765637.39	0.00015
469591.78	3765637.39	0.00014	469611.78	3765637.39	0.00014
469631.78	3765637.39	0.00013	469651.78	3765637.39	0.00013
469671.78	3765637.39	0.00012	469691.78	3765637.39	0.00012
469711.78	3765637.39	0.00012	469731.78	3765637.39	0.00011
469751.78	3765637.39	0.00011	469771.78	3765637.39	0.00011
469791.78	3765637.39	0.00011	469811.78	3765637.39	0.00010
469831.78	3765637.39	0.00010	469851.78	3765637.39	0.00010
469871.78	3765637.39	0.00010	469891.78	3765637.39	0.00010
469911.78	3765637.39	0.00010	469931.78	3765637.39	0.00009
469951.78	3765637.39	0.00009	469351.78	3765657.39	0.00013
469371.78	3765657.39	0.00013	469391.78	3765657.39	0.00014
469411.78	3765657.39	0.00015	469431.78	3765657.39	0.00016
469451.78	3765657.39	0.00016	469471.78	3765657.39	0.00017
469491.78	3765657.39	0.00017	469511.78	3765657.39	0.00017
469531.78	3765657.39	0.00017	469551.78	3765657.39	0.00017
469571.78	3765657.39	0.00017	469591.78	3765657.39	0.00017
469611.78	3765657.39	0.00016	469631.78	3765657.39	0.00015
469651.78	3765657.39	0.00015	469671.78	3765657.39	0.00014
469691.78	3765657.39	0.00014	469711.78	3765657.39	0.00013
469731.78	3765657.39	0.00013	469751.78	3765657.39	0.00013
469771.78	3765657.39	0.00012	469791.78	3765657.39	0.00012
469811.78	3765657.39	0.00012	469831.78	3765657.39	0.00012

‡ \*\*\* AERMOD - VERSION 22112 \*\*\* Existing Land Use DPM Emission Impacts

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 06/30/23

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): IDLE4 , IDLE5 , IDLE6 , IDLE7 , A0000025 ,  
A0000026 , A0000027 , A0000028 , A0000029 , A0000030 , A0000031 , A0000032 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC

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Existing REV6.ADO

469851.78	3765657.39	0.00011	469871.78	3765657.39	0.00011
469891.78	3765657.39	0.00011	469911.78	3765657.39	0.00011
469931.78	3765657.39	0.00011	469951.78	3765657.39	0.00010
469351.78	3765677.39	0.00013	469371.78	3765677.39	0.00014
469391.78	3765677.39	0.00015	469411.78	3765677.39	0.00016
469431.78	3765677.39	0.00017	469451.78	3765677.39	0.00018
469471.78	3765677.39	0.00019	469491.78	3765677.39	0.00020
469511.78	3765677.39	0.00020	469531.78	3765677.39	0.00020
469551.78	3765677.39	0.00020	469571.78	3765677.39	0.00020
469591.78	3765677.39	0.00019	469611.78	3765677.39	0.00019
469631.78	3765677.39	0.00018	469651.78	3765677.39	0.00017
469671.78	3765677.39	0.00017	469691.78	3765677.39	0.00016
469711.78	3765677.39	0.00015	469731.78	3765677.39	0.00015
469751.78	3765677.39	0.00014	469771.78	3765677.39	0.00014
469791.78	3765677.39	0.00014	469811.78	3765677.39	0.00014
469831.78	3765677.39	0.00013	469851.78	3765677.39	0.00013
469871.78	3765677.39	0.00013	469891.78	3765677.39	0.00012
469911.78	3765677.39	0.00012	469931.78	3765677.39	0.00012
469951.78	3765677.39	0.00012	469351.78	3765697.39	0.00014
469371.78	3765697.39	0.00015	469391.78	3765697.39	0.00017
469411.78	3765697.39	0.00018	469431.78	3765697.39	0.00019
469451.78	3765697.39	0.00020	469471.78	3765697.39	0.00021
469491.78	3765697.39	0.00022	469511.78	3765697.39	0.00023
469531.78	3765697.39	0.00024	469551.78	3765697.39	0.00024
469571.78	3765697.39	0.00023	469591.78	3765697.39	0.00023
469611.78	3765697.39	0.00022	469631.78	3765697.39	0.00021
469651.78	3765697.39	0.00020	469671.78	3765697.39	0.00019
469691.78	3765697.39	0.00018	469711.78	3765697.39	0.00018
469731.78	3765697.39	0.00017	469751.78	3765697.39	0.00016
469771.78	3765697.39	0.00016	469791.78	3765697.39	0.00016
469811.78	3765697.39	0.00016	469831.78	3765697.39	0.00015
469851.78	3765697.39	0.00015	469871.78	3765697.39	0.00014
469891.78	3765697.39	0.00014	469911.78	3765697.39	0.00014
469931.78	3765697.39	0.00014	469951.78	3765697.39	0.00014
469351.78	3765717.39	0.00015	469371.78	3765717.39	0.00017
469391.78	3765717.39	0.00018	469411.78	3765717.39	0.00020
469431.78	3765717.39	0.00021	469451.78	3765717.39	0.00023
469471.78	3765717.39	0.00024	469491.78	3765717.39	0.00026
469511.78	3765717.39	0.00027	469531.78	3765717.39	0.00028
469551.78	3765717.39	0.00028	469571.78	3765717.39	0.00028

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Existing Land Use DPM Emission Impacts

\*\*\* 06/30/23

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 05:46:32

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): IDLE4 , IDLE5 , IDLE6 , IDLE7 , A0000025 ,  
A0000026 , A0000027 , A0000028 , A0000029 , A0000030 , A0000031 , A0000032 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
469591.78	3765717.39	0.00028	469611.78	3765717.39	0.00027
469631.78	3765717.39	0.00025	469651.78	3765717.39	0.00024
469671.78	3765717.39	0.00023	469691.78	3765717.39	0.00022
469711.78	3765717.39	0.00020	469731.78	3765717.39	0.00020
469751.78	3765717.39	0.00019	469771.78	3765717.39	0.00019
469791.78	3765717.39	0.00018	469811.78	3765717.39	0.00018

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469831.78	3765717.39	0.00018	469851.78	3765717.39	0.00017
469871.78	3765717.39	0.00017	469891.78	3765717.39	0.00017
469911.78	3765717.39	0.00017	469931.78	3765717.39	0.00016
469951.78	3765717.39	0.00016	4699351.78	3765737.39	0.00016
469371.78	3765737.39	0.00017	469391.78	3765737.39	0.00019
469411.78	3765737.39	0.00021	469431.78	3765737.39	0.00023
469451.78	3765737.39	0.00025	469471.78	3765737.39	0.00027
469491.78	3765737.39	0.00029	469511.78	3765737.39	0.00031
469531.78	3765737.39	0.00033	469551.78	3765737.39	0.00034
469571.78	3765737.39	0.00034	469591.78	3765737.39	0.00033
469611.78	3765737.39	0.00032	469631.78	3765737.39	0.00031
469651.78	3765737.39	0.00029	469671.78	3765737.39	0.00027
469691.78	3765737.39	0.00025	469711.78	3765737.39	0.00024
469731.78	3765737.39	0.00023	469751.78	3765737.39	0.00022
469771.78	3765737.39	0.00022	469791.78	3765737.39	0.00021
469811.78	3765737.39	0.00021	469831.78	3765737.39	0.00021
469851.78	3765737.39	0.00020	469871.78	3765737.39	0.00020
469891.78	3765737.39	0.00020	469911.78	3765737.39	0.00020
469931.78	3765737.39	0.00020	469951.78	3765737.39	0.00019
469351.78	3765757.39	0.00017	469371.78	3765757.39	0.00018
469391.78	3765757.39	0.00020	469411.78	3765757.39	0.00023
469431.78	3765757.39	0.00025	469451.78	3765757.39	0.00028
469471.78	3765757.39	0.00030	469491.78	3765757.39	0.00033
469511.78	3765757.39	0.00036	469531.78	3765757.39	0.00038
469551.78	3765757.39	0.00040	469571.78	3765757.39	0.00041
469591.78	3765757.39	0.00041	469611.78	3765757.39	0.00040
469631.78	3765757.39	0.00038	469651.78	3765757.39	0.00036
469671.78	3765757.39	0.00033	469691.78	3765757.39	0.00030
469711.78	3765757.39	0.00029	469731.78	3765757.39	0.00027
469751.78	3765757.39	0.00026	469771.78	3765757.39	0.00025
469791.78	3765757.39	0.00025	469811.78	3765757.39	0.00025
469831.78	3765757.39	0.00024	469851.78	3765757.39	0.00024
469871.78	3765757.39	0.00025	469891.78	3765757.39	0.00025
469911.78	3765757.39	0.00024	469931.78	3765757.39	0.00024

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Existing Land Use DPM Emission Impacts

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 06/30/23

\*\*\* 05:46:32

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): IDLE4 , IDLE5 , IDLE6 , IDLE7 , A0000025 ,  
A0000026 , A0000027 , A0000028 , A0000029 , A0000030 , A0000031 , A0000032 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
469951.78	3765757.39	0.00023	469351.78	3765777.39	0.00017
469371.78	3765777.39	0.00019	469391.78	3765777.39	0.00021
469411.78	3765777.39	0.00024	469431.78	3765777.39	0.00027
469451.78	3765777.39	0.00030	469471.78	3765777.39	0.00033
469491.78	3765777.39	0.00037	469771.78	3765777.39	0.00030
469791.78	3765777.39	0.00030	469811.78	3765777.39	0.00030
469831.78	3765777.39	0.00030	469851.78	3765777.39	0.00030
469871.78	3765777.39	0.00030	469891.78	3765777.39	0.00030
469911.78	3765777.39	0.00030	469931.78	3765777.39	0.00028
469951.78	3765777.39	0.00028	469351.78	3765797.39	0.00018
469371.78	3765797.39	0.00020	469391.78	3765797.39	0.00022
469411.78	3765797.39	0.00025	469431.78	3765797.39	0.00028
469451.78	3765797.39	0.00032	469471.78	3765797.39	0.00036

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469491.78	3765797.39	0.00040	469511.78	3765797.39	0.00045
469771.78	3765797.39	0.00037	469791.78	3765797.39	0.00036
469811.78	3765797.39	0.00037	469831.78	3765797.39	0.00038
469851.78	3765797.39	0.00038	469871.78	3765797.39	0.00038
469891.78	3765797.39	0.00037	469911.78	3765797.39	0.00036
469931.78	3765797.39	0.00035	469951.78	3765797.39	0.00033
469351.78	3765817.39	0.00018	469371.78	3765817.39	0.00020
469391.78	3765817.39	0.00023	469411.78	3765817.39	0.00025
469431.78	3765817.39	0.00029	469451.78	3765817.39	0.00033
469471.78	3765817.39	0.00038	469491.78	3765817.39	0.00043
469511.78	3765817.39	0.00049	469771.78	3765817.39	0.00048
469791.78	3765817.39	0.00048	469811.78	3765817.39	0.00049
469831.78	3765817.39	0.00049	469851.78	3765817.39	0.00049
469871.78	3765817.39	0.00048	469891.78	3765817.39	0.00047
469911.78	3765817.39	0.00045	469931.78	3765817.39	0.00043
469951.78	3765817.39	0.00040	469351.78	3765837.39	0.00018
469371.78	3765837.39	0.00020	469391.78	3765837.39	0.00023
469411.78	3765837.39	0.00026	469431.78	3765837.39	0.00029
469451.78	3765837.39	0.00034	469471.78	3765837.39	0.00039
469491.78	3765837.39	0.00045	469511.78	3765837.39	0.00052
469771.78	3765837.39	0.00066	469791.78	3765837.39	0.00066
469811.78	3765837.39	0.00066	469831.78	3765837.39	0.00066
469851.78	3765837.39	0.00064	469871.78	3765837.39	0.00062
469891.78	3765837.39	0.00060	469911.78	3765837.39	0.00056
469931.78	3765837.39	0.00053	469951.78	3765837.39	0.00049
469351.78	3765857.39	0.00018	469371.78	3765857.39	0.00020
469391.78	3765857.39	0.00023	469411.78	3765857.39	0.00026

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Existing Land Use DPM Emission Impacts  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 06/30/23

\*\*\* 05:46:32

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*  
 INCLUDING SOURCE(S): IDLE4 , IDLE5 , IDLE6 , IDLE7 , A0000025 ,  
 A0000026 , A0000027 , A0000028 , A0000029 , A0000030 , A0000031 , A0000032 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
469431.78	3765857.39	0.00029	469451.78	3765857.39	0.00033
469471.78	3765857.39	0.00039	469491.78	3765857.39	0.00045
469511.78	3765857.39	0.00053	469531.78	3765857.39	0.00062
469771.78	3765857.39	0.00094	469791.78	3765857.39	0.00093
469811.78	3765857.39	0.00091	469831.78	3765857.39	0.00089
469851.78	3765857.39	0.00085	469871.78	3765857.39	0.00080
469891.78	3765857.39	0.00076	469911.78	3765857.39	0.00070
469931.78	3765857.39	0.00064	469951.78	3765857.39	0.00059
469351.78	3765877.39	0.00017	469371.78	3765877.39	0.00020
469391.78	3765877.39	0.00022	469411.78	3765877.39	0.00025
469431.78	3765877.39	0.00029	469451.78	3765877.39	0.00033
469471.78	3765877.39	0.00038	469491.78	3765877.39	0.00045
469511.78	3765877.39	0.00053	469531.78	3765877.39	0.00062
469771.78	3765877.39	0.00137	469791.78	3765877.39	0.00133
469811.78	3765877.39	0.00127	469831.78	3765877.39	0.00119
469851.78	3765877.39	0.00111	469871.78	3765877.39	0.00102
469891.78	3765877.39	0.00093	469911.78	3765877.39	0.00085
469931.78	3765877.39	0.00077	469951.78	3765877.39	0.00070
469351.78	3765897.39	0.00017	469371.78	3765897.39	0.00019
469391.78	3765897.39	0.00021	469411.78	3765897.39	0.00024

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Existing REV6.ADO

469431.78	3765897.39	0.00028	469451.78	3765897.39	0.00032
469471.78	3765897.39	0.00037	469491.78	3765897.39	0.00043
469511.78	3765897.39	0.00050	469531.78	3765897.39	0.00059
469771.78	3765897.39	0.00204	469791.78	3765897.39	0.00187
469811.78	3765897.39	0.00168	469831.78	3765897.39	0.00150
469851.78	3765897.39	0.00135	469871.78	3765897.39	0.00121
469891.78	3765897.39	0.00108	469911.78	3765897.39	0.00097
469931.78	3765897.39	0.00087	469951.78	3765897.39	0.00078
469351.78	3765917.39	0.00016	469371.78	3765917.39	0.00018
469391.78	3765917.39	0.00021	469411.78	3765917.39	0.00023
469431.78	3765917.39	0.00027	469451.78	3765917.39	0.00030
469471.78	3765917.39	0.00035	469491.78	3765917.39	0.00040
469511.78	3765917.39	0.00047	469531.78	3765917.39	0.00055
469771.78	3765917.39	0.00208	469791.78	3765917.39	0.00190
469811.78	3765917.39	0.00169	469831.78	3765917.39	0.00151
469851.78	3765917.39	0.00136	469871.78	3765917.39	0.00123
469891.78	3765917.39	0.00112	469911.78	3765917.39	0.00103
469931.78	3765917.39	0.00093	469951.78	3765917.39	0.00084
469351.78	3765937.39	0.00016	469371.78	3765937.39	0.00018
469391.78	3765937.39	0.00020	469411.78	3765937.39	0.00022

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Existing Land Use DPM Emission Impacts \*\*\* 06/30/23  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* \*\*\* 05:46:32

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): IDLE4 , IDLE5 , IDLE6 , IDLE7 , A0000025 ,  
 A0000026 , A0000027 , A0000028 , A0000029 , A0000030 , A0000031 , A0000032 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-------------	-------------	------	-------------	-------------	------

469431.78	3765937.39	0.00025	469451.78	3765937.39	0.00029
469471.78	3765937.39	0.00033	469491.78	3765937.39	0.00038
469511.78	3765937.39	0.00044	469531.78	3765937.39	0.00051
469771.78	3765937.39	0.00163	469791.78	3765937.39	0.00156
469811.78	3765937.39	0.00142	469831.78	3765937.39	0.00131
469851.78	3765937.39	0.00122	469871.78	3765937.39	0.00119
469891.78	3765937.39	0.00124	469911.78	3765937.39	0.00124
469931.78	3765937.39	0.00110	469951.78	3765937.39	0.00098
469351.78	3765957.39	0.00015	469371.78	3765957.39	0.00017
469391.78	3765957.39	0.00019	469411.78	3765957.39	0.00021
469431.78	3765957.39	0.00024	469451.78	3765957.39	0.00027
469471.78	3765957.39	0.00031	469491.78	3765957.39	0.00036
469511.78	3765957.39	0.00041	469531.78	3765957.39	0.00047
469551.78	3765957.39	0.00054	469571.78	3765957.39	0.00064
469591.78	3765957.39	0.00075	469611.78	3765957.39	0.00090
469631.78	3765957.39	0.00112	469651.78	3765957.39	0.00144
469671.78	3765957.39	0.00194	469691.78	3765957.39	0.00196
469711.78	3765957.39	0.00168	469731.78	3765957.39	0.00138
469751.78	3765957.39	0.00130	469771.78	3765957.39	0.00125
469791.78	3765957.39	0.00126	469811.78	3765957.39	0.00129
469831.78	3765957.39	0.00128	469851.78	3765957.39	0.00127
469871.78	3765957.39	0.00121	469891.78	3765957.39	0.00108
469911.78	3765957.39	0.00100	469931.78	3765957.39	0.00102
469951.78	3765957.39	0.00101	469351.78	3765977.39	0.00014
469371.78	3765977.39	0.00016	469391.78	3765977.39	0.00018
469411.78	3765977.39	0.00020	469431.78	3765977.39	0.00023
469451.78	3765977.39	0.00026	469471.78	3765977.39	0.00030

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Existing REV6.ADO					
469491.78	3765977.39	0.00034	469511.78	3765977.39	0.00038
469531.78	3765977.39	0.00043	469551.78	3765977.39	0.00049
469571.78	3765977.39	0.00056	469591.78	3765977.39	0.00064
469611.78	3765977.39	0.00075	469631.78	3765977.39	0.00090
469651.78	3765977.39	0.00104	469671.78	3765977.39	0.00112
469691.78	3765977.39	0.00108	469711.78	3765977.39	0.00094
469731.78	3765977.39	0.00084	469751.78	3765977.39	0.00080
469771.78	3765977.39	0.00078	469791.78	3765977.39	0.00076
469811.78	3765977.39	0.00074	469831.78	3765977.39	0.00075
469851.78	3765977.39	0.00076	469871.78	3765977.39	0.00072
469891.78	3765977.39	0.00066	469911.78	3765977.39	0.00061
469931.78	3765977.39	0.00058	469951.78	3765977.39	0.00055
469351.78	3765997.39	0.00014	469371.78	3765997.39	0.00015

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Existing Land Use DPM Emission Impacts \*\*\* 06/30/23  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* \*\*\* 05:46:32

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): IDLE4 , IDLE5 , IDLE6 , IDLE7 , A0000025 ,  
 A0000026 , A0000027 , A0000028 , A0000029 , A0000030 , A0000031 , A0000032 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
469391.78	3765997.39	0.00017	469411.78	3765997.39	0.00019
469431.78	3765997.39	0.00022	469451.78	3765997.39	0.00025
469471.78	3765997.39	0.00028	469491.78	3765997.39	0.00032
469511.78	3765997.39	0.00036	469531.78	3765997.39	0.00040
469551.78	3765997.39	0.00043	469571.78	3765997.39	0.00048
469591.78	3765997.39	0.00055	469611.78	3765997.39	0.00064
469631.78	3765997.39	0.00073	469651.78	3765997.39	0.00080
469671.78	3765997.39	0.00080	469691.78	3765997.39	0.00075
469711.78	3765997.39	0.00067	469731.78	3765997.39	0.00062
469751.78	3765997.39	0.00059	469771.78	3765997.39	0.00058
469791.78	3765997.39	0.00055	469811.78	3765997.39	0.00053
469831.78	3765997.39	0.00051	469851.78	3765997.39	0.00049
469871.78	3765997.39	0.00047	469891.78	3765997.39	0.00045
469911.78	3765997.39	0.00043	469931.78	3765997.39	0.00041
469951.78	3765997.39	0.00039	469351.78	3766017.39	0.00013
469371.78	3766017.39	0.00015	469391.78	3766017.39	0.00016
469411.78	3766017.39	0.00018	469431.78	3766017.39	0.00021
469451.78	3766017.39	0.00024	469471.78	3766017.39	0.00026
469491.78	3766017.39	0.00029	469511.78	3766017.39	0.00032
469531.78	3766017.39	0.00035	469551.78	3766017.39	0.00039
469571.78	3766017.39	0.00043	469591.78	3766017.39	0.00048
469611.78	3766017.39	0.00055	469631.78	3766017.39	0.00060
469651.78	3766017.39	0.00063	469671.78	3766017.39	0.00061
469691.78	3766017.39	0.00056	469711.78	3766017.39	0.00052
469731.78	3766017.39	0.00048	469751.78	3766017.39	0.00046
469771.78	3766017.39	0.00045	469791.78	3766017.39	0.00043
469811.78	3766017.39	0.00041	469831.78	3766017.39	0.00039
469851.78	3766017.39	0.00037	469871.78	3766017.39	0.00035
469891.78	3766017.39	0.00034	469911.78	3766017.39	0.00033
469931.78	3766017.39	0.00031	469951.78	3766017.39	0.00030
469351.78	3766037.39	0.00013	469371.78	3766037.39	0.00014
469391.78	3766037.39	0.00016	469411.78	3766037.39	0.00017
469431.78	3766037.39	0.00019	469451.78	3766037.39	0.00022
469471.78	3766037.39	0.00024	469491.78	3766037.39	0.00026

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## Existing REV6.ADO

469511.78	3766037.39	0.00029	469531.78	3766037.39	0.00032
469551.78	3766037.39	0.00035	469571.78	3766037.39	0.00039
469591.78	3766037.39	0.00043	469611.78	3766037.39	0.00047
469631.78	3766037.39	0.00050	469651.78	3766037.39	0.00051
469671.78	3766037.39	0.00048	469691.78	3766037.39	0.00045
469711.78	3766037.39	0.00042	469731.78	3766037.39	0.00039

\*\* 05:46:32

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\* \* \*

INCLUDING SOURCE(S): IDLE4 , IDLE5 , IDLE6 , IDLE7 , A0000025 ,  
A0000026 , A0000027 , A0000028 , A0000029 , A0000030 , A0000031 , A0000032 ,

### \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\* \*

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC

469751.78	3766037.39	0.00037	469771.78	3766037.39	0.00037
469791.78	3766037.39	0.00035	469811.78	3766037.39	0.00034
469831.78	3766037.39	0.00032	469851.78	3766037.39	0.00030
469871.78	3766037.39	0.00028	469891.78	3766037.39	0.00027
469911.78	3766037.39	0.00026	469931.78	3766037.39	0.00025
469951.78	3766037.39	0.00024	469351.78	3766057.39	0.00012
469371.78	3766057.39	0.00013	469391.78	3766057.39	0.00015
469411.78	3766057.39	0.00016	469431.78	3766057.39	0.00018
469451.78	3766057.39	0.00020	469471.78	3766057.39	0.00022
469491.78	3766057.39	0.00024	469511.78	3766057.39	0.00026
469531.78	3766057.39	0.00029	469551.78	3766057.39	0.00032
469571.78	3766057.39	0.00035	469591.78	3766057.39	0.00038
469611.78	3766057.39	0.00041	469631.78	3766057.39	0.00042
469651.78	3766057.39	0.00041	469671.78	3766057.39	0.00039
469691.78	3766057.39	0.00036	469711.78	3766057.39	0.00034
469731.78	3766057.39	0.00032	469751.78	3766057.39	0.00031
469771.78	3766057.39	0.00031	469791.78	3766057.39	0.00030
469811.78	3766057.39	0.00028	469831.78	3766057.39	0.00027
469851.78	3766057.39	0.00025	469871.78	3766057.39	0.00024
469891.78	3766057.39	0.00023	469911.78	3766057.39	0.00021
469931.78	3766057.39	0.00020	469951.78	3766057.39	0.00019
469351.78	3766077.39	0.00011	469371.78	3766077.39	0.00013
469391.78	3766077.39	0.00014	469411.78	3766077.39	0.00015
469431.78	3766077.39	0.00016	469451.78	3766077.39	0.00018
469471.78	3766077.39	0.00020	469491.78	3766077.39	0.00021
469511.78	3766077.39	0.00024	469531.78	3766077.39	0.00026
469551.78	3766077.39	0.00029	469571.78	3766077.39	0.00032
469591.78	3766077.39	0.00034	469611.78	3766077.39	0.00035
469631.78	3766077.39	0.00035	469651.78	3766077.39	0.00034
469671.78	3766077.39	0.00032	469691.78	3766077.39	0.00030
469711.78	3766077.39	0.00029	469731.78	3766077.39	0.00027
469751.78	3766077.39	0.00026	469771.78	3766077.39	0.00025
469791.78	3766077.39	0.00025	469811.78	3766077.39	0.00024
469831.78	3766077.39	0.00023	469851.78	3766077.39	0.00021
469871.78	3766077.39	0.00020	469891.78	3766077.39	0.00019
469911.78	3766077.39	0.00018	469931.78	3766077.39	0.00017
469951.78	3766077.39	0.00016	469351.78	3766097.39	0.00011
469371.78	3766097.39	0.00012	469391.78	3766097.39	0.00012
469411.78	3766097.39	0.00014	469431.78	3766097.39	0.00015
469451.78	3766097.39	0.00016	469471.78	3766097.39	0.00018

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Existing Land Use DPM Emission Impacts

\*\*\*

## Existing REV6.ADO

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 05:46:32

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): IDLE4 , IDLE5 , IDLE6 , IDLE7 , A0000025 ,  
A0000026 , A0000027 , A0000028 , A0000029 , A0000030 , A0000031 , A0000032 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
469491.78	3766097.39	0.00019	469511.78	3766097.39	0.00021
469531.78	3766097.39	0.00023	469551.78	3766097.39	0.00026
469571.78	3766097.39	0.00028	469591.78	3766097.39	0.00030
469611.78	3766097.39	0.00030	469631.78	3766097.39	0.00029
469651.78	3766097.39	0.00029	469671.78	3766097.39	0.00027
469691.78	3766097.39	0.00025	469711.78	3766097.39	0.00024
469731.78	3766097.39	0.00023	469751.78	3766097.39	0.00022
469771.78	3766097.39	0.00021	469791.78	3766097.39	0.00021
469811.78	3766097.39	0.00021	469831.78	3766097.39	0.00020
469851.78	3766097.39	0.00019	469871.78	3766097.39	0.00018
469891.78	3766097.39	0.00017	469911.78	3766097.39	0.00016
469931.78	3766097.39	0.00015	469951.78	3766097.39	0.00014
469351.78	3766117.39	0.00010	469371.78	3766117.39	0.00011
469391.78	3766117.39	0.00012	469411.78	3766117.39	0.00013
469431.78	3766117.39	0.00014	469451.78	3766117.39	0.00015
469471.78	3766117.39	0.00016	469491.78	3766117.39	0.00018
469511.78	3766117.39	0.00019	469531.78	3766117.39	0.00021
469551.78	3766117.39	0.00023	469571.78	3766117.39	0.00025
469591.78	3766117.39	0.00026	469611.78	3766117.39	0.00026
469631.78	3766117.39	0.00025	469651.78	3766117.39	0.00024
469671.78	3766117.39	0.00023	469691.78	3766117.39	0.00022
469711.78	3766117.39	0.00021	469731.78	3766117.39	0.00020
469751.78	3766117.39	0.00019	469771.78	3766117.39	0.00019
469791.78	3766117.39	0.00018	469811.78	3766117.39	0.00018
469831.78	3766117.39	0.00017	469851.78	3766117.39	0.00016
469871.78	3766117.39	0.00016	469891.78	3766117.39	0.00015
469911.78	3766117.39	0.00014	469931.78	3766117.39	0.00013
469951.78	3766117.39	0.00012	469351.78	3766137.39	0.00009
469371.78	3766137.39	0.00010	469391.78	3766137.39	0.00011
469411.78	3766137.39	0.00011	469431.78	3766137.39	0.00012
469451.78	3766137.39	0.00013	469471.78	3766137.39	0.00015
469491.78	3766137.39	0.00016	469511.78	3766137.39	0.00018
469531.78	3766137.39	0.00019	469551.78	3766137.39	0.00021
469571.78	3766137.39	0.00022	469591.78	3766137.39	0.00022
469611.78	3766137.39	0.00022	469631.78	3766137.39	0.00022
469651.78	3766137.39	0.00021	469671.78	3766137.39	0.00020
469691.78	3766137.39	0.00019	469711.78	3766137.39	0.00018
469731.78	3766137.39	0.00017	469751.78	3766137.39	0.00017
469771.78	3766137.39	0.00017	469791.78	3766137.39	0.00016
469811.78	3766137.39	0.00016	469831.78	3766137.39	0.00015

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Existing Land Use DPM Emission Impacts

\*\*\* 06/30/23

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 05:46:32

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): IDLE4 , IDLE5 , IDLE6 , IDLE7 , A0000025 ,

Existing REV6.ADO  
A0000026 , A0000027 , A0000028 , A0000029 , A0000030 , A0000031 , A0000032 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
469851.78	3766137.39	0.00014	469871.78	3766137.39	0.00014
469891.78	3766137.39	0.00013	469911.78	3766137.39	0.00012
469931.78	3766137.39	0.00011	469951.78	3766137.39	0.00011
469051.78	3765277.39	0.00003	469101.78	3765277.39	0.00003
469151.78	3765277.39	0.00003	469201.78	3765277.39	0.00003
469251.78	3765277.39	0.00003	469301.78	3765277.39	0.00003
469351.78	3765277.39	0.00003	469401.78	3765277.39	0.00003
469451.78	3765277.39	0.00003	469501.78	3765277.39	0.00003
469551.78	3765277.39	0.00003	469601.78	3765277.39	0.00003
469651.78	3765277.39	0.00003	469701.78	3765277.39	0.00003
469751.78	3765277.39	0.00003	469801.78	3765277.39	0.00003
469851.78	3765277.39	0.00003	469901.78	3765277.39	0.00002
469951.78	3765277.39	0.00002	470001.78	3765277.39	0.00002
470051.78	3765277.39	0.00002	470101.78	3765277.39	0.00002
470151.78	3765277.39	0.00002	470201.78	3765277.39	0.00002
470251.78	3765277.39	0.00002	469051.78	3765327.39	0.00003
469101.78	3765327.39	0.00004	469151.78	3765327.39	0.00004
469201.78	3765327.39	0.00004	469251.78	3765327.39	0.00004
469301.78	3765327.39	0.00004	469351.78	3765327.39	0.00004
469401.78	3765327.39	0.00004	469451.78	3765327.39	0.00004
469501.78	3765327.39	0.00004	469551.78	3765327.39	0.00003
469601.78	3765327.39	0.00003	469651.78	3765327.39	0.00003
469701.78	3765327.39	0.00003	469751.78	3765327.39	0.00003
469801.78	3765327.39	0.00003	469851.78	3765327.39	0.00003
469901.78	3765327.39	0.00003	469951.78	3765327.39	0.00003
470001.78	3765327.39	0.00002	470051.78	3765327.39	0.00002
470101.78	3765327.39	0.00002	470151.78	3765327.39	0.00002
470201.78	3765327.39	0.00002	470251.78	3765327.39	0.00002
469051.78	3765377.39	0.00004	469101.78	3765377.39	0.00004
469151.78	3765377.39	0.00004	469201.78	3765377.39	0.00004
469251.78	3765377.39	0.00004	469301.78	3765377.39	0.00004
469351.78	3765377.39	0.00004	469401.78	3765377.39	0.00004
469451.78	3765377.39	0.00004	469501.78	3765377.39	0.00004
469551.78	3765377.39	0.00004	469601.78	3765377.39	0.00004
469651.78	3765377.39	0.00004	469701.78	3765377.39	0.00004
469751.78	3765377.39	0.00004	469801.78	3765377.39	0.00004
469851.78	3765377.39	0.00003	469901.78	3765377.39	0.00003
469951.78	3765377.39	0.00003	470001.78	3765377.39	0.00003
470051.78	3765377.39	0.00003	470101.78	3765377.39	0.00003
470151.78	3765377.39	0.00002	470201.78	3765377.39	0.00002

‡ \*\*\* AERMOD - VERSION 22112 \*\*\* Existing Land Use DPM Emission Impacts

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 06/30/23

\*\*\* 05:46:32

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): IDLE4 , IDLE5 , IDLE6 , IDLE7 , A0000025 ,  
A0000026 , A0000027 , A0000028 , A0000029 , A0000030 , A0000031 , A0000032 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC

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Existing REV6.ADO

470251.78	3765377.39	0.00002	469051.78	3765427.39	0.00004
469101.78	3765427.39	0.00004	469151.78	3765427.39	0.00005
469201.78	3765427.39	0.00005	469251.78	3765427.39	0.00005
469301.78	3765427.39	0.00005	469351.78	3765427.39	0.00005
469401.78	3765427.39	0.00005	469451.78	3765427.39	0.00005
469501.78	3765427.39	0.00005	469551.78	3765427.39	0.00005
469601.78	3765427.39	0.00005	469651.78	3765427.39	0.00004
469701.78	3765427.39	0.00004	469751.78	3765427.39	0.00004
469801.78	3765427.39	0.00004	469851.78	3765427.39	0.00004
469901.78	3765427.39	0.00004	469951.78	3765427.39	0.00004
470001.78	3765427.39	0.00003	470051.78	3765427.39	0.00003
470101.78	3765427.39	0.00003	470151.78	3765427.39	0.00003
470201.78	3765427.39	0.00003	470251.78	3765427.39	0.00003
469051.78	3765477.39	0.00005	469101.78	3765477.39	0.00005
469151.78	3765477.39	0.00005	469201.78	3765477.39	0.00005
469251.78	3765477.39	0.00006	469301.78	3765477.39	0.00006
469351.78	3765477.39	0.00006	469401.78	3765477.39	0.00006
469451.78	3765477.39	0.00006	469501.78	3765477.39	0.00006
469551.78	3765477.39	0.00006	469601.78	3765477.39	0.00006
469651.78	3765477.39	0.00005	469701.78	3765477.39	0.00005
469751.78	3765477.39	0.00005	469801.78	3765477.39	0.00005
469851.78	3765477.39	0.00005	469901.78	3765477.39	0.00005
469951.78	3765477.39	0.00004	470001.78	3765477.39	0.00004
470051.78	3765477.39	0.00004	470101.78	3765477.39	0.00004
470151.78	3765477.39	0.00003	470201.78	3765477.39	0.00003
470251.78	3765477.39	0.00003	469051.78	3765527.39	0.00005
469101.78	3765527.39	0.00005	469151.78	3765527.39	0.00006
469201.78	3765527.39	0.00006	469251.78	3765527.39	0.00007
469301.78	3765527.39	0.00007	469351.78	3765527.39	0.00008
469401.78	3765527.39	0.00008	469451.78	3765527.39	0.00008
469501.78	3765527.39	0.00008	469551.78	3765527.39	0.00007
469601.78	3765527.39	0.00007	469651.78	3765527.39	0.00007
469701.78	3765527.39	0.00006	469751.78	3765527.39	0.00006
469801.78	3765527.39	0.00006	469851.78	3765527.39	0.00006
469901.78	3765527.39	0.00006	469951.78	3765527.39	0.00005
470001.78	3765527.39	0.00005	470051.78	3765527.39	0.00005
470101.78	3765527.39	0.00004	470151.78	3765527.39	0.00004
470201.78	3765527.39	0.00004	470251.78	3765527.39	0.00004
469051.78	3765577.39	0.00005	469101.78	3765577.39	0.00006
469151.78	3765577.39	0.00006	469201.78	3765577.39	0.00007

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Existing Land Use DPM Emission Impacts

\*\*\* 06/30/23

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): IDLE4 , IDLE5 , IDLE6 , IDLE7 , A0000025 ,  
A0000026 , A0000027 , A0000028 , A0000029 , A0000030 , A0000031 , A0000032 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
469251.78	3765577.39	0.00008	469301.78	3765577.39	0.00009
470001.78	3765577.39	0.00006	470051.78	3765577.39	0.00006
470101.78	3765577.39	0.00006	470151.78	3765577.39	0.00005
470201.78	3765577.39	0.00005	470251.78	3765577.39	0.00005
469051.78	3765627.39	0.00006	469101.78	3765627.39	0.00006
469151.78	3765627.39	0.00007	469201.78	3765627.39	0.00008

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469251.78	3765627.39	0.00009	469301.78	3765627.39	0.00010
470001.78	3765627.39	0.00008	470051.78	3765627.39	0.00008
470101.78	3765627.39	0.00007	470151.78	3765627.39	0.00007
470201.78	3765627.39	0.00007	470251.78	3765627.39	0.00006
469051.78	3765677.39	0.00006	469101.78	3765677.39	0.00006
469151.78	3765677.39	0.00007	469201.78	3765677.39	0.00008
469251.78	3765677.39	0.00010	469301.78	3765677.39	0.00011
470001.78	3765677.39	0.00012	470051.78	3765677.39	0.00011
470101.78	3765677.39	0.00010	470151.78	3765677.39	0.00009
470201.78	3765677.39	0.00009	470251.78	3765677.39	0.00008
469051.78	3765727.39	0.00006	469101.78	3765727.39	0.00007
469151.78	3765727.39	0.00007	469201.78	3765727.39	0.00009
469251.78	3765727.39	0.00011	469301.78	3765727.39	0.00013
470001.78	3765727.39	0.00017	470051.78	3765727.39	0.00015
470101.78	3765727.39	0.00014	470151.78	3765727.39	0.00013
470201.78	3765727.39	0.00012	470251.78	3765727.39	0.00011
469051.78	3765777.39	0.00006	469101.78	3765777.39	0.00007
469151.78	3765777.39	0.00008	469201.78	3765777.39	0.00009
469251.78	3765777.39	0.00011	469301.78	3765777.39	0.00014
470001.78	3765777.39	0.00017	470051.78	3765777.39	0.00022
470101.78	3765777.39	0.00014	470151.78	3765777.39	0.00017
470201.78	3765777.39	0.00012	470251.78	3765777.39	0.00013
469051.78	3765777.39	0.00019	469101.78	3765777.39	0.00015
469151.78	3765777.39	0.00015	469201.78	3765777.39	0.00013
469251.78	3765827.39	0.00006	469301.78	3765827.39	0.00007
469151.78	3765827.39	0.00008	469201.78	3765827.39	0.00009
469251.78	3765827.39	0.00011	469301.78	3765827.39	0.00014
470001.78	3765827.39	0.00025	470051.78	3765827.39	0.00022
470101.78	3765827.39	0.00019	470151.78	3765827.39	0.00017
470201.78	3765827.39	0.00015	470251.78	3765827.39	0.00013
469051.78	3765827.39	0.00037	469101.78	3765827.39	0.00031
470101.78	3765827.39	0.00026	470151.78	3765827.39	0.00022
470201.78	3765827.39	0.00018	470251.78	3765827.39	0.00016
469051.78	3765877.39	0.00006	469101.78	3765877.39	0.00006
469151.78	3765877.39	0.00007	469201.78	3765877.39	0.00009
469251.78	3765877.39	0.00010	469301.78	3765877.39	0.00013
470001.78	3765877.39	0.00054	470051.78	3765877.39	0.00041
470101.78	3765877.39	0.00033	470151.78	3765877.39	0.00026
470201.78	3765877.39	0.00021	470251.78	3765877.39	0.00018

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Existing Land Use DPM Emission Impacts

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 06/30/23

\*\*\* 05:46:32

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): IDLE4 , IDLE5 , IDLE6 , IDLE7 , A0000025 ,  
A0000026 , A0000027 , A0000028 , A0000029 , A0000030 , A0000031 , A0000032 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
469051.78	3765927.39	0.00005	469101.78	3765927.39	0.00006
469151.78	3765927.39	0.00007	469201.78	3765927.39	0.00008
469251.78	3765927.39	0.00010	469301.78	3765927.39	0.00012
470001.78	3765927.39	0.00069	470051.78	3765927.39	0.00052
470101.78	3765927.39	0.00038	470151.78	3765927.39	0.00027
470201.78	3765927.39	0.00021	470251.78	3765927.39	0.00017
469051.78	3765977.39	0.00005	469101.78	3765977.39	0.00006
469151.78	3765977.39	0.00007	469201.78	3765977.39	0.00008
469251.78	3765977.39	0.00009	469301.78	3765977.39	0.00011
470001.78	3765977.39	0.00050	470051.78	3765977.39	0.00041
470101.78	3765977.39	0.00030	470151.78	3765977.39	0.00022
470201.78	3765977.39	0.00018	470251.78	3765977.39	0.00014
469051.78	3766027.39	0.00005	469101.78	3766027.39	0.00005

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## Existing REV6.ADO

469151.78	3766027.39	0.00006	469201.78	3766027.39	0.00007
469251.78	3766027.39	0.00008	469301.78	3766027.39	0.00010
470001.78	3766027.39	0.00023	470051.78	3766027.39	0.00020
470101.78	3766027.39	0.00017	470151.78	3766027.39	0.00015
470201.78	3766027.39	0.00013	470251.78	3766027.39	0.00011
469051.78	3766077.39	0.00004	469101.78	3766077.39	0.00005
469151.78	3766077.39	0.00006	469201.78	3766077.39	0.00007
469251.78	3766077.39	0.00008	469301.78	3766077.39	0.00009
470001.78	3766077.39	0.00014	470051.78	3766077.39	0.00013
470101.78	3766077.39	0.00011	470151.78	3766077.39	0.00010
470201.78	3766077.39	0.00009	470251.78	3766077.39	0.00008
469051.78	3766127.39	0.00004	469101.78	3766127.39	0.00005
469151.78	3766127.39	0.00005	469201.78	3766127.39	0.00006
469251.78	3766127.39	0.00007	469301.78	3766127.39	0.00008
470001.78	3766127.39	0.00010	470051.78	3766127.39	0.00008
470101.78	3766127.39	0.00008	470151.78	3766127.39	0.00007
470201.78	3766127.39	0.00006	470251.78	3766127.39	0.00005
469051.78	3766177.39	0.00004	469101.78	3766177.39	0.00004
469151.78	3766177.39	0.00005	469201.78	3766177.39	0.00005
469251.78	3766177.39	0.00006	469301.78	3766177.39	0.00007
469351.78	3766177.39	0.00008	469401.78	3766177.39	0.00009
469451.78	3766177.39	0.00011	469501.78	3766177.39	0.00014
469551.78	3766177.39	0.00016	469601.78	3766177.39	0.00017
469651.78	3766177.39	0.00015	469701.78	3766177.39	0.00014
469751.78	3766177.39	0.00013	469801.78	3766177.39	0.00012
469851.78	3766177.39	0.00011	469901.78	3766177.39	0.00010
469951.78	3766177.39	0.00009	470001.78	3766177.39	0.00007

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Existing Land Use DPM Emission Impacts

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 06/30/23

\*\*\* 05:46:32

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): IDLE4 , IDLE5 , IDLE6 , IDLE7 , A0000025 ,  
A0000026 , A0000027 , A0000028 , A0000029 , A0000030 , A0000031 , A0000032 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
470051.78	3766177.39	0.00006	470101.78	3766177.39	0.00006
470151.78	3766177.39	0.00005	470201.78	3766177.39	0.00005
470251.78	3766177.39	0.00004	469051.78	3766227.39	0.00003
469101.78	3766227.39	0.00004	469151.78	3766227.39	0.00004
469201.78	3766227.39	0.00005	469251.78	3766227.39	0.00005
469301.78	3766227.39	0.00006	469351.78	3766227.39	0.00007
469401.78	3766227.39	0.00008	469451.78	3766227.39	0.00009
469501.78	3766227.39	0.00011	469551.78	3766227.39	0.00012
469601.78	3766227.39	0.00012	469651.78	3766227.39	0.00011
469701.78	3766227.39	0.00010	469751.78	3766227.39	0.00010
469801.78	3766227.39	0.00009	469851.78	3766227.39	0.00008
469901.78	3766227.39	0.00008	469951.78	3766227.39	0.00007
470001.78	3766227.39	0.00006	470051.78	3766227.39	0.00005
470101.78	3766227.39	0.00004	470151.78	3766227.39	0.00004
470201.78	3766227.39	0.00004	470251.78	3766227.39	0.00003
469051.78	3766277.39	0.00003	469101.78	3766277.39	0.00003
469151.78	3766277.39	0.00004	469201.78	3766277.39	0.00004
469251.78	3766277.39	0.00005	469301.78	3766277.39	0.00005
469351.78	3766277.39	0.00006	469401.78	3766277.39	0.00006
469451.78	3766277.39	0.00007	469501.78	3766277.39	0.00008

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Existing REV6.ADO

469551.78	3766277.39	0.00009	469601.78	3766277.39	0.00009
469651.78	3766277.39	0.00008	469701.78	3766277.39	0.00008
469751.78	3766277.39	0.00008	469801.78	3766277.39	0.00007
469851.78	3766277.39	0.00006	469901.78	3766277.39	0.00006
469951.78	3766277.39	0.00005	470001.78	3766277.39	0.00005
470051.78	3766277.39	0.00004	470101.78	3766277.39	0.00004
470151.78	3766277.39	0.00003	470201.78	3766277.39	0.00003
470251.78	3766277.39	0.00003	469051.78	3766327.39	0.00003
469101.78	3766327.39	0.00003	469151.78	3766327.39	0.00003
469201.78	3766327.39	0.00004	469251.78	3766327.39	0.00004
469301.78	3766327.39	0.00004	469351.78	3766327.39	0.00005
469401.78	3766327.39	0.00005	469451.78	3766327.39	0.00006
469501.78	3766327.39	0.00006	469551.78	3766327.39	0.00007
469601.78	3766327.39	0.00006	469651.78	3766327.39	0.00006
469701.78	3766327.39	0.00006	469751.78	3766327.39	0.00006
469801.78	3766327.39	0.00006	469851.78	3766327.39	0.00005
469901.78	3766327.39	0.00005	469951.78	3766327.39	0.00004
470001.78	3766327.39	0.00004	470051.78	3766327.39	0.00004
470101.78	3766327.39	0.00003	470151.78	3766327.39	0.00003
470201.78	3766327.39	0.00003	470251.78	3766327.39	0.00003

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Existing Land Use DPM Emission Impacts \*\*\* 06/30/23  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* \*\*\* 05:46:32

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): IDLE4 , IDLE5 , IDLE6 , IDLE7 , A0000025 ,  
 A0000026 , A0000027 , A0000028 , A0000029 , A0000030 , A0000031 , A0000032 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
469051.78	3766377.39	0.00003	469101.78	3766377.39	0.00003
469151.78	3766377.39	0.00003	469201.78	3766377.39	0.00003
469251.78	3766377.39	0.00004	469301.78	3766377.39	0.00004
469351.78	3766377.39	0.00004	469401.78	3766377.39	0.00004
469451.78	3766377.39	0.00005	469501.78	3766377.39	0.00005
469551.78	3766377.39	0.00005	469601.78	3766377.39	0.00005
469651.78	3766377.39	0.00005	469701.78	3766377.39	0.00005
469751.78	3766377.39	0.00005	469801.78	3766377.39	0.00005
469851.78	3766377.39	0.00004	469901.78	3766377.39	0.00004
469951.78	3766377.39	0.00004	470001.78	3766377.39	0.00003
470051.78	3766377.39	0.00003	470101.78	3766377.39	0.00003
470151.78	3766377.39	0.00003	470201.78	3766377.39	0.00002
470251.78	3766377.39	0.00002	469051.78	3766427.39	0.00002
469101.78	3766427.39	0.00003	469151.78	3766427.39	0.00003
469201.78	3766427.39	0.00003	469251.78	3766427.39	0.00003
469301.78	3766427.39	0.00003	469351.78	3766427.39	0.00003
469401.78	3766427.39	0.00004	469451.78	3766427.39	0.00004
469501.78	3766427.39	0.00004	469551.78	3766427.39	0.00004
469601.78	3766427.39	0.00004	469651.78	3766427.39	0.00004
469701.78	3766427.39	0.00004	469751.78	3766427.39	0.00004
469801.78	3766427.39	0.00004	469851.78	3766427.39	0.00003
469901.78	3766427.39	0.00003	469951.78	3766427.39	0.00003
470001.78	3766427.39	0.00003	470051.78	3766427.39	0.00003
470101.78	3766427.39	0.00003	470151.78	3766427.39	0.00002
470201.78	3766427.39	0.00002	470251.78	3766427.39	0.00002
469541.39	3765896.87	0.00064			

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Existing Land Use DPM Emission Impacts \*\*\* 06/30/23  
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## Existing REV6.ADO

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 05:46:32

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): IDLE4 , IDLE5 , IDLE6 , IDLE7 , A0000025 ,  
A0000026 , A0000027 , A0000028 , A0000029 , A0000030 , A0000031 , A0000032 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M) (YYMMDDHH)	Y-COORD (M) (YYMMDDHH)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC
---------------------------	---------------------------	--------------------	-------------	-------------	------

469745.20	3765777.05	0.00367 (15091223)	469745.20	3765797.05	0.00369 (15080807)
469745.20	3765817.05	0.00384 (13060407)	469745.20	3765837.05	0.00408 (13060407)
469745.20	3765857.05	0.00505 (14090723)	469745.20	3765877.05	0.00578 (14090718)
469745.20	3765897.05	0.00726 (13010916)	469548.66	3765917.39	0.00841 (13090601)
469745.20	3765917.05	0.01315 (15082519)	469551.78	3765937.39	0.00839 (14091504)
469745.20	3765937.05	0.01378 (12090521)	469551.78	3765577.39	0.00106 (15090406)
469371.78	3765577.39	0.00115 (15090406)	469391.78	3765577.39	0.00122 (15090406)
469411.78	3765577.39	0.00123 (13082701)	469431.78	3765577.39	0.00131 (13082701)
469451.78	3765577.39	0.00140 (13082904)	469471.78	3765577.39	0.00150 (16092922)
469491.78	3765577.39	0.00156 (16092922)	469511.78	3765577.39	0.00152 (14091520)
469531.78	3765577.39	0.00161 (14091520)	469551.78	3765577.39	0.00166 (14093022)
469571.78	3765577.39	0.00169 (14091221)	469591.78	3765577.39	0.00163 (16062703)
469611.78	3765577.39	0.00169 (15072406)	469631.78	3765577.39	0.00170 (15072406)
469651.78	3765577.39	0.00159 (16062124)	469671.78	3765577.39	0.00174 (14061702)
469691.78	3765577.39	0.00179 (13082321)	469711.78	3765577.39	0.00175 (13082321)
469731.78	3765577.39	0.00181 (16102220)	469751.78	3765577.39	0.00182 (16060104)
469771.78	3765577.39	0.00185 (13070301)	469791.78	3765577.39	0.00187 (15091223)
469811.78	3765577.39	0.00185 (15072705)	469831.78	3765577.39	0.00209 (14070402)
469851.78	3765577.39	0.00213 (14070402)	469871.78	3765577.39	0.00206 (12090502)
469891.78	3765577.39	0.00198 (12090502)	469911.78	3765577.39	0.00186 (12082506)
469931.78	3765577.39	0.00174 (12083121)	469951.78	3765577.39	0.00160 (12083121)
469351.78	3765597.39	0.00113 (14091503)	469371.78	3765597.39	0.00121 (14091503)
469391.78	3765597.39	0.00133 (15090406)	469411.78	3765597.39	0.00142 (13090501)
469431.78	3765597.39	0.00143 (13082701)	469451.78	3765597.39	0.00152 (13082701)
469471.78	3765597.39	0.00162 (13082904)	469491.78	3765597.39	0.00175 (16092922)
469511.78	3765597.39	0.00181 (16092922)	469531.78	3765597.39	0.00179 (14091520)
469551.78	3765597.39	0.00185 (14091520)	469571.78	3765597.39	0.00191 (14091221)
469591.78	3765597.39	0.00181 (16062703)	469611.78	3765597.39	0.00188 (15072406)
469631.78	3765597.39	0.00193 (15072406)	469651.78	3765597.39	0.00179 (16062124)
469671.78	3765597.39	0.00196 (14061702)	469691.78	3765597.39	0.00204 (13082321)
469711.78	3765597.39	0.00200 (13082321)	469731.78	3765597.39	0.00204 (16102220)
469751.78	3765597.39	0.00206 (13070301)	469771.78	3765597.39	0.00205 (14092602)
469791.78	3765597.39	0.00204 (15091223)	469811.78	3765597.39	0.00213 (14070402)
469831.78	3765597.39	0.00235 (14070402)	469851.78	3765597.39	0.00232 (14070402)
469871.78	3765597.39	0.00227 (12090502)	469891.78	3765597.39	0.00214 (12082506)
469911.78	3765597.39	0.00203 (12082506)	469931.78	3765597.39	0.00189 (12083121)
469951.78	3765597.39	0.00167 (12083121)	469351.78	3765617.39	0.00121 (15091304)
469371.78	3765617.39	0.00131 (14091503)	469391.78	3765617.39	0.00141 (14091503)
469411.78	3765617.39	0.00155 (13090501)	469431.78	3765617.39	0.00166 (13090501)
469451.78	3765617.39	0.00166 (13082701)	469471.78	3765617.39	0.00176 (13082701)

† \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Existing Land Use DPM Emission Impacts

\*\*\* 06/30/23

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 05:46:32

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

Existing REV6.ADO  
 INCLUDING SOURCE(S): IDLE4 , IDLE5 , IDLE6 , IDLE7 , A0000025 ,  
 A0000026 , A0000027 , A0000028 , A0000029 , A0000030 , A0000031 , A0000032 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC
---------------------------	-------------	--------------------	-------------	-------------	------

469491.78	3765617.39	0.00190 (16092922)	469511.78	3765617.39	0.00203 (16092922)
469531.78	3765617.39	0.00194 (14091520)	469551.78	3765617.39	0.00208 (14091520)
469571.78	3765617.39	0.00215 (14093022)	469591.78	3765617.39	0.00216 (14091221)
469611.78	3765617.39	0.00208 (16062703)	469631.78	3765617.39	0.00215 (15072406)
469651.78	3765617.39	0.00208 (12052503)	469671.78	3765617.39	0.00221 (14061702)
469691.78	3765617.39	0.00231 (14072222)	469711.78	3765617.39	0.00229 (13082321)
469731.78	3765617.39	0.00230 (16102220)	469751.78	3765617.39	0.00230 (13070301)
469771.78	3765617.39	0.00229 (15091223)	469791.78	3765617.39	0.00221 (15072705)
469811.78	3765617.39	0.00241 (16101722)	469831.78	3765617.39	0.00255 (14070402)
469851.78	3765617.39	0.00254 (12090502)	469871.78	3765617.39	0.00244 (12090502)
469891.78	3765617.39	0.00232 (12082506)	469911.78	3765617.39	0.00218 (12082506)
469931.78	3765617.39	0.00198 (12083121)	469951.78	3765617.39	0.00180 (15092721)
469951.78	3765637.39	0.00133 (16083003)	469971.78	3765637.39	0.00141 (15091304)
469391.78	3765637.39	0.00152 (14091503)	469411.78	3765637.39	0.00166 (14091503)
469431.78	3765637.39	0.00182 (13090501)	469451.78	3765637.39	0.00194 (13090501)
469471.78	3765637.39	0.00195 (13082701)	469491.78	3765637.39	0.00206 (13082904)
469511.78	3765637.39	0.00222 (16092922)	469531.78	3765637.39	0.00235 (16092922)
469551.78	3765637.39	0.00231 (14091520)	469571.78	3765637.39	0.00243 (14091520)
469591.78	3765637.39	0.00247 (14091221)	469611.78	3765637.39	0.00234 (16062703)
469631.78	3765637.39	0.00241 (15072406)	469651.78	3765637.39	0.00238 (15072406)
469671.78	3765637.39	0.00240 (14061702)	469691.78	3765637.39	0.00258 (14072222)
469711.78	3765637.39	0.00257 (13082321)	469731.78	3765637.39	0.00256 (16102220)
469751.78	3765637.39	0.00257 (13070301)	469771.78	3765637.39	0.00259 (15091223)
469791.78	3765637.39	0.00250 (16101722)	469811.78	3765637.39	0.00276 (16101722)
469831.78	3765637.39	0.00278 (16040721)	469851.78	3765637.39	0.00277 (12090502)
469871.78	3765637.39	0.00266 (12082506)	469891.78	3765637.39	0.00254 (12082506)
469911.78	3765637.39	0.00232 (12083121)	469931.78	3765637.39	0.00207 (15092721)
469951.78	3765637.39	0.00195 (15092721)	469951.78	3765657.39	0.00145 (16083003)
469371.78	3765657.39	0.00156 (16083003)	469391.78	3765657.39	0.00164 (15091304)
469411.78	3765657.39	0.00178 (14091503)	469431.78	3765657.39	0.00196 (14091503)
469451.78	3765657.39	0.00214 (13090501)	469471.78	3765657.39	0.00230 (13090501)
469491.78	3765657.39	0.00228 (13082701)	469511.78	3765657.39	0.00242 (13082904)
469531.78	3765657.39	0.00262 (16092922)	469551.78	3765657.39	0.00271 (16092922)
469571.78	3765657.39	0.00272 (14091520)	469591.78	3765657.39	0.00276 (14093022)
469611.78	3765657.39	0.00274 (14091221)	469631.78	3765657.39	0.00268 (15072406)
469651.78	3765657.39	0.00270 (15072406)	469671.78	3765657.39	0.00265 (14061702)
469691.78	3765657.39	0.00288 (14072222)	469711.78	3765657.39	0.00288 (13082321)
469731.78	3765657.39	0.00283 (16102220)	469751.78	3765657.39	0.00284 (13070301)
469771.78	3765657.39	0.00287 (15091223)	469791.78	3765657.39	0.00291 (16101722)
469811.78	3765657.39	0.00307 (16101722)	469831.78	3765657.39	0.00310 (12090502)

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* Existing Land Use DPM Emission Impacts \*\*\* 06/30/23  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* 05:46:32

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): IDLE4 , IDLE5 , IDLE6 , IDLE7 , A0000025 ,  
 A0000026 , A0000027 , A0000028 , A0000029 , A0000030 , A0000031 , A0000032 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

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Existing REV6.ADO

X-COORD (M) (YYMMDDHH)	Y-COORD (M) (YYMMDDHH)	CONC (YYMMDDHH)	X-COORD (M) (YYMMDDHH)	Y-COORD (M) (YYMMDDHH)	CONC (YYMMDDHH)
469851.78	3765657.39	0.00298 (12090502)	469871.78	3765657.39	0.00287 (12082506)
469891.78	3765657.39	0.00268 (12083121)	469911.78	3765657.39	0.00235 (12083121)
469931.78	3765657.39	0.00224 (15092721)	469951.78	3765657.39	0.00210 (12071304)
469351.78	3765677.39	0.00153 (13082106)	469371.78	3765677.39	0.00170 (16083003)
469391.78	3765677.39	0.00185 (16083003)	469411.78	3765677.39	0.00196 (16083003)
469431.78	3765677.39	0.00211 (15091304)	469451.78	3765677.39	0.00232 (14091503)
469471.78	3765677.39	0.00253 (13090501)	469491.78	3765677.39	0.00270 (13090501)
469511.78	3765677.39	0.00268 (13082701)	469531.78	3765677.39	0.00283 (13082904)
469551.78	3765677.39	0.00304 (16092922)	469571.78	3765677.39	0.00305 (16092922)
469591.78	3765677.39	0.00307 (14091520)	469611.78	3765677.39	0.00311 (14091221)
469631.78	3765677.39	0.00297 (16062703)	469651.78	3765677.39	0.00304 (15072406)
469671.78	3765677.39	0.00288 (14061702)	469691.78	3765677.39	0.00318 (14072222)
469711.78	3765677.39	0.00319 (13082321)	469731.78	3765677.39	0.00311 (16102220)
469751.78	3765677.39	0.00310 (13070301)	469771.78	3765677.39	0.00309 (15091223)
469791.78	3765677.39	0.00327 (16101722)	469811.78	3765677.39	0.00337 (16040721)
469831.78	3765677.39	0.00338 (12090502)	469851.78	3765677.39	0.00325 (12082506)
469871.78	3765677.39	0.00301 (12082506)	469891.78	3765677.39	0.00271 (12083121)
469911.78	3765677.39	0.00253 (15092721)	469931.78	3765677.39	0.00238 (12071304)
469951.78	3765677.39	0.00222 (12071304)	469951.78	3765697.39	0.00162 (14091424)
469371.78	3765697.39	0.00177 (13082106)	469391.78	3765697.39	0.00199 (16083003)
469411.78	3765697.39	0.00220 (16083003)	469431.78	3765697.39	0.00234 (16083003)
469451.78	3765697.39	0.00246 (15091304)	469471.78	3765697.39	0.00269 (14091503)
469491.78	3765697.39	0.00296 (13090501)	469511.78	3765697.39	0.00317 (13090501)
469531.78	3765697.39	0.00312 (13082701)	469551.78	3765697.39	0.00331 (13082904)
469571.78	3765697.39	0.00349 (16092922)	469591.78	3765697.39	0.00342 (14091520)
469611.78	3765697.39	0.00347 (14091221)	469631.78	3765697.39	0.00338 (14091221)
469651.78	3765697.39	0.00332 (15072406)	469671.78	3765697.39	0.00319 (12052503)
469691.78	3765697.39	0.00340 (15061604)	469711.78	3765697.39	0.00344 (13082321)
469731.78	3765697.39	0.00331 (12052822)	469751.78	3765697.39	0.00331 (15091223)
469771.78	3765697.39	0.00324 (15091223)	469791.78	3765697.39	0.00353 (16101722)
469811.78	3765697.39	0.00370 (12090502)	469831.78	3765697.39	0.00359 (12082506)
469851.78	3765697.39	0.00343 (12082506)	469871.78	3765697.39	0.00306 (12083121)
469891.78	3765697.39	0.00281 (15092721)	469911.78	3765697.39	0.00267 (12071304)
469931.78	3765697.39	0.00246 (12071304)	469951.78	3765697.39	0.00221 (12071304)
469351.78	3765717.39	0.00172 (15090906)	469371.78	3765717.39	0.00191 (14091424)
469391.78	3765717.39	0.00209 (14091424)	469411.78	3765717.39	0.00232 (13082106)
469431.78	3765717.39	0.00259 (16083003)	469451.78	3765717.39	0.00278 (16083003)
469471.78	3765717.39	0.00289 (15091304)	469491.78	3765717.39	0.00316 (14091503)
469511.78	3765717.39	0.00346 (13090501)	469531.78	3765717.39	0.00370 (13090501)
469551.78	3765717.39	0.00361 (13082701)	469571.78	3765717.39	0.00384 (16092922)

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* Existing Land Use DPM Emission Impacts

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 06/30/23

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): IDLE4 , IDLE5 , IDLE6 , IDLE7 , A0000025 ,  
A0000026 , A0000027 , A0000028 , A0000029 , A0000030 , A0000031 , A0000032 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M) (YYMMDDHH)	Y-COORD (M) (YYMMDDHH)	CONC (YYMMDDHH)	X-COORD (M) (YYMMDDHH)	Y-COORD (M) (YYMMDDHH)	CONC (YYMMDDHH)
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469591.78	3765717.39	0.00394 (16092922)	469611.78	3765717.39	0.00388 (14091520)
469631.78	3765717.39	0.00387 (14091221)	469651.78	3765717.39	0.00360 (15072406)

Existing REV6.ADO

469671.78	3765717.39	0.00355 (15072406)	469691.78	3765717.39	0.00358 (15061604)
469711.78	3765717.39	0.00364 (13082321)	469731.78	3765717.39	0.00351 (15102720)
469751.78	3765717.39	0.00355 (15091223)	469771.78	3765717.39	0.00344 (16101722)
469791.78	3765717.39	0.00373 (16040721)	469811.78	3765717.39	0.00385 (12090502)
469831.78	3765717.39	0.00379 (12082506)	469851.78	3765717.39	0.00349 (12082506)
469871.78	3765717.39	0.00310 (15092721)	469891.78	3765717.39	0.00295 (12071304)
469911.78	3765717.39	0.00273 (12071304)	469931.78	3765717.39	0.00241 (12071304)
469951.78	3765717.39	0.00228 (15101323)	4699351.78	3765737.39	0.00186 (15091803)
469371.78	3765737.39	0.00202 (12082823)	469391.78	3765737.39	0.00224 (14091424)
469411.78	3765737.39	0.00250 (14091424)	469431.78	3765737.39	0.00271 (14091424)
469451.78	3765737.39	0.00304 (16083003)	469471.78	3765737.39	0.00330 (16083003)
469491.78	3765737.39	0.00344 (16083003)	469511.78	3765737.39	0.00368 (14091503)
469531.78	3765737.39	0.00403 (13090501)	469551.78	3765737.39	0.00430 (13090501)
469571.78	3765737.39	0.00417 (13082701)	469591.78	3765737.39	0.00442 (16092922)
469611.78	3765737.39	0.00431 (16092922)	469631.78	3765737.39	0.00434 (14091221)
469651.78	3765737.39	0.00405 (14091221)	469671.78	3765737.39	0.00393 (15081423)
469691.78	3765737.39	0.00370 (13122717)	469711.78	3765737.39	0.00379 (13082321)
469731.78	3765737.39	0.00370 (15102720)	469751.78	3765737.39	0.00375 (15091223)
469771.78	3765737.39	0.00359 (16101722)	469791.78	3765737.39	0.00388 (12090502)
469811.78	3765737.39	0.00396 (12082506)	469831.78	3765737.39	0.00382 (12082506)
469851.78	3765737.39	0.00336 (15092721)	469871.78	3765737.39	0.00327 (12071304)
469891.78	3765737.39	0.00299 (12071304)	469911.78	3765737.39	0.00262 (12071304)
469931.78	3765737.39	0.00256 (15091022)	469951.78	3765737.39	0.00247 (15091022)
469351.78	3765757.39	0.00202 (15090904)	469371.78	3765757.39	0.00224 (15090904)
469391.78	3765757.39	0.00244 (15090904)	469411.78	3765757.39	0.00265 (15091803)
469431.78	3765757.39	0.00293 (14091424)	469451.78	3765757.39	0.00325 (14091424)
469471.78	3765757.39	0.00350 (13082106)	469491.78	3765757.39	0.00389 (16083003)
469511.78	3765757.39	0.00410 (16083003)	469531.78	3765757.39	0.00427 (14091503)
469551.78	3765757.39	0.00467 (13090501)	469571.78	3765757.39	0.00496 (13090501)
469591.78	3765757.39	0.00480 (13082904)	469611.78	3765757.39	0.00501 (16092722)
469631.78	3765757.39	0.00473 (14091520)	469651.78	3765757.39	0.00458 (14091221)
469671.78	3765757.39	0.00429 (15081423)	469691.78	3765757.39	0.00374 (16061921)
469711.78	3765757.39	0.00393 (13082321)	469731.78	3765757.39	0.00384 (15102720)
469751.78	3765757.39	0.00376 (15091223)	469771.78	3765757.39	0.00357 (12090502)
469791.78	3765757.39	0.00383 (12082506)	469811.78	3765757.39	0.00389 (12082506)
469831.78	3765757.39	0.00357 (12082506)	469851.78	3765757.39	0.00347 (12071304)
469871.78	3765757.39	0.00330 (12071304)	469891.78	3765757.39	0.00300 (15101323)
469911.78	3765757.39	0.00294 (15091022)	469931.78	3765757.39	0.00282 (12081821)

‡ \*\*\* AERMOD - VERSION 22112 \*\*\* Existing Land Use DPM Emission Impacts

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 06/30/23

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): IDLE4 , IDLE5 , IDLE6 , IDLE7 , A0000025 ,  
A0000026 , A0000027 , A0000028 , A0000029 , A0000030 , A0000031 , A0000032 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M) (YYMMDDHH)	Y-COORD (M) (YYMMDDHH)	CONC (YYMMDDHH)	X-COORD (M) (YYMMDDHH)	Y-COORD (M) (YYMMDDHH)	CONC (YYMMDDHH)
469951.78	3765757.39	0.00262 (12091022)	469351.78	3765777.39	0.00210 (14091204)
469371.78	3765777.39	0.00233 (15100124)	469391.78	3765777.39	0.00262 (15090904)
469411.78	3765777.39	0.00293 (15090904)	469431.78	3765777.39	0.00321 (15090904)
469451.78	3765777.39	0.00345 (15091803)	469471.78	3765777.39	0.00381 (14091424)
469491.78	3765777.39	0.00414 (14091424)	469771.78	3765777.39	0.00351 (14091421)
469791.78	3765777.39	0.00367 (12082506)	469811.78	3765777.39	0.00355 (12082506)
469831.78	3765777.39	0.00358 (16061006)	469851.78	3765777.39	0.00346 (16061006)
469871.78	3765777.39	0.00338 (15091022)	469891.78	3765777.39	0.00333 (13082122)

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Existing REV6.ADO

469911.78	3765777.39	0.00317 (12091022)	469931.78	3765777.39	0.00301 (12081221)
469951.78	3765777.39	0.00284 (13072706)	469351.78	3765797.39	0.00220 (12091401)
469371.78	3765797.39	0.00247 (12091401)	469391.78	3765797.39	0.00275 (12091401)
469411.78	3765797.39	0.00303 (14091204)	469431.78	3765797.39	0.00338 (15090904)
469451.78	3765797.39	0.00382 (15090904)	469471.78	3765797.39	0.00419 (15090904)
469491.78	3765797.39	0.00442 (16100303)	469511.78	3765797.39	0.00480 (14091424)
469771.78	3765797.39	0.00343 (15062821)	469791.78	3765797.39	0.00372 (16123116)
469811.78	3765797.39	0.00381 (16123116)	469831.78	3765797.39	0.00359 (12091521)
469851.78	3765797.39	0.00369 (15032520)	469871.78	3765797.39	0.00366 (13082122)
469891.78	3765797.39	0.00352 (12081221)	469911.78	3765797.39	0.00335 (15090622)
469931.78	3765797.39	0.00324 (15090622)	469951.78	3765797.39	0.00304 (13072706)
469351.78	3765817.39	0.00240 (14100624)	469371.78	3765817.39	0.00268 (14100624)
469391.78	3765817.39	0.00296 (14100624)	469411.78	3765817.39	0.00321 (14100624)
469431.78	3765817.39	0.00355 (12091401)	469451.78	3765817.39	0.00394 (12091401)
469471.78	3765817.39	0.00439 (15101202)	469491.78	3765817.39	0.00488 (15090904)
469511.78	3765817.39	0.00530 (15090904)	469771.78	3765817.39	0.00351 (13060407)
469791.78	3765817.39	0.00399 (16123116)	469811.78	3765817.39	0.00399 (14070422)
469831.78	3765817.39	0.00396 (12091521)	469851.78	3765817.39	0.00392 (12091022)
469871.78	3765817.39	0.00382 (13090820)	469891.78	3765817.39	0.00379 (15082420)
469911.78	3765817.39	0.00366 (13090321)	469931.78	3765817.39	0.00343 (13090321)
469951.78	3765817.39	0.00318 (13083023)	469351.78	3765837.39	0.00246 (14082706)
469371.78	3765837.39	0.00277 (14082706)	469391.78	3765837.39	0.00309 (14082706)
469411.78	3765837.39	0.00347 (14100624)	469431.78	3765837.39	0.00389 (14100624)
469451.78	3765837.39	0.00431 (14100624)	469471.78	3765837.39	0.00473 (14100624)
469491.78	3765837.39	0.00509 (12091401)	469511.78	3765837.39	0.00556 (16092822)
469771.78	3765837.39	0.00448 (14070422)	469791.78	3765837.39	0.00448 (14090723)
469811.78	3765837.39	0.00431 (16010316)	469831.78	3765837.39	0.00417 (15081422)
469851.78	3765837.39	0.00425 (12081220)	469871.78	3765837.39	0.00422 (13090321)
469891.78	3765837.39	0.00399 (16062821)	469911.78	3765837.39	0.00378 (16062821)
469931.78	3765837.39	0.00366 (14092721)	469951.78	3765837.39	0.00346 (14090722)
469351.78	3765857.39	0.00252 (15090804)	469371.78	3765857.39	0.00284 (15090804)
469391.78	3765857.39	0.00319 (15090804)	469411.78	3765857.39	0.00359 (15090804)

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Existing Land Use DPM Emission Impacts \*\*\* 06/30/23  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* \*\*\* 05:46:32

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): IDLE4 , IDLE5 , IDLE6 , IDLE7 , A0000025 ,  
 A0000026 , A0000027 , A0000028 , A0000029 , A0000030 , A0000031 , A0000032 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M) (YYMMDDHH)	Y-COORD (M) (YYMMDDHH)	CONC (YYMMDDHH)	X-COORD (M) (YYMMDDHH)	Y-COORD (M) (YYMMDDHH)	CONC (YYMMDDHH)
469431.78	3765857.39	0.00398 (15090804)	469451.78	3765857.39	0.00444 (14082706)
469471.78	3765857.39	0.00500 (14082706)	469491.78	3765857.39	0.00561 (14100624)
469511.78	3765857.39	0.00629 (14100624)	469531.78	3765857.39	0.00677 (14100624)
469771.78	3765857.39	0.00501 (13082320)	469791.78	3765857.39	0.00491 (16100121)
469811.78	3765857.39	0.00508 (16121116)	469831.78	3765857.39	0.00497 (12121716)
469851.78	3765857.39	0.00503 (12121716)	469871.78	3765857.39	0.00467 (12121716)
469891.78	3765857.39	0.00450 (14090722)	469911.78	3765857.39	0.00428 (14090722)
469931.78	3765857.39	0.00402 (13071105)	469951.78	3765857.39	0.00393 (13071005)
469351.78	3765877.39	0.00264 (16081624)	469371.78	3765877.39	0.00298 (16081624)
469391.78	3765877.39	0.00333 (16081624)	469411.78	3765877.39	0.00375 (16081624)
469431.78	3765877.39	0.00417 (16081624)	469451.78	3765877.39	0.00459 (16081624)
469471.78	3765877.39	0.00509 (16081624)	469491.78	3765877.39	0.00576 (15090804)
469511.78	3765877.39	0.00647 (15090804)	469531.78	3765877.39	0.00704 (15090804)
469771.78	3765877.39	0.00650 (16102917)	469791.78	3765877.39	0.00632 (14100318)

Existing REV6.ADO

469811.78	3765877.39	0.00590 (14100318)	469831.78	3765877.39	0.00554 (14090818)
469851.78	3765877.39	0.00524 (14120521)	469871.78	3765877.39	0.00548 (14120521)
469891.78	3765877.39	0.00540 (12091303)	469911.78	3765877.39	0.00526 (13071005)
469931.78	3765877.39	0.00503 (13071005)	469951.78	3765877.39	0.00473 (13071005)
469351.78	3765897.39	0.00273 (12092221)	469371.78	3765897.39	0.00308 (12092221)
469391.78	3765897.39	0.00346 (12092221)	469411.78	3765897.39	0.00393 (12092221)
469431.78	3765897.39	0.00441 (12092221)	469451.78	3765897.39	0.00491 (12092221)
469471.78	3765897.39	0.00553 (12092221)	469491.78	3765897.39	0.00621 (12092221)
469511.78	3765897.39	0.00702 (12092322)	469531.78	3765897.39	0.00776 (12092322)
469771.78	3765897.39	0.00772 (16102917)	469791.78	3765897.39	0.00702 (16012917)
469811.78	3765897.39	0.00652 (16012917)	469831.78	3765897.39	0.00593 (15090721)
469851.78	3765897.39	0.00597 (12081301)	469871.78	3765897.39	0.00601 (12081301)
469891.78	3765897.39	0.00586 (12081301)	469911.78	3765897.39	0.00564 (13072306)
469931.78	3765897.39	0.00537 (13072306)	469951.78	3765897.39	0.00506 (13072306)
469351.78	3765917.39	0.00270 (13090505)	469371.78	3765917.39	0.00306 (13090505)
469391.78	3765917.39	0.00344 (13090505)	469411.78	3765917.39	0.00391 (13090505)
469431.78	3765917.39	0.00440 (13090505)	469451.78	3765917.39	0.00491 (13090505)
469471.78	3765917.39	0.00554 (13090505)	469491.78	3765917.39	0.00624 (13090505)
469511.78	3765917.39	0.00701 (13090505)	469531.78	3765917.39	0.00769 (13082804)
469771.78	3765917.39	0.00931 (15082519)	469791.78	3765917.39	0.00758 (15012717)
469811.78	3765917.39	0.00710 (13090223)	469831.78	3765917.39	0.00682 (12071224)
469851.78	3765917.39	0.00656 (15082501)	469871.78	3765917.39	0.00640 (15082501)
469891.78	3765917.39	0.00613 (15082501)	469911.78	3765917.39	0.00583 (15082501)
469931.78	3765917.39	0.00556 (13090704)	469951.78	3765917.39	0.00521 (13090704)
469351.78	3765937.39	0.00271 (13090601)	469371.78	3765937.39	0.00306 (13090601)
469391.78	3765937.39	0.00344 (13090601)	469411.78	3765937.39	0.00390 (13090601)

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Existing Land Use DPM Emission Impacts

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 06/30/23

05:46:32

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): IDLE4 , IDLE5 , IDLE6 , IDLE7 , A0000025 ,  
A0000026 , A0000027 , A0000028 , A0000029 , A0000030 , A0000031 , A0000032 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC
(YYMMDDHH)					
469431.78	3765937.39	0.00440 (13090601)	469451.78	3765937.39	0.00493 (12092922)
469471.78	3765937.39	0.00549 (12092922)	469491.78	3765937.39	0.00616 (12091004)
469511.78	3765937.39	0.00693 (12091004)	469531.78	3765937.39	0.00758 (15092602)
469771.78	3765937.39	0.01149 (12081401)	469791.78	3765937.39	0.01096 (15082519)
469811.78	3765937.39	0.01022 (15082519)	469831.78	3765937.39	0.00935 (15082519)
469851.78	3765937.39	0.00852 (12091923)	469871.78	3765937.39	0.00705 (14091224)
469891.78	3765937.39	0.00677 (15060823)	469911.78	3765937.39	0.00686 (15060823)
469931.78	3765937.39	0.00638 (15082501)	469951.78	3765937.39	0.00588 (15082501)
469351.78	3765957.39	0.00268 (12012919)	469371.78	3765957.39	0.00303 (16040523)
469391.78	3765957.39	0.00339 (16040523)	469411.78	3765957.39	0.00383 (16040523)
469431.78	3765957.39	0.00432 (13090605)	469451.78	3765957.39	0.00489 (13090605)
469471.78	3765957.39	0.00556 (12100602)	469491.78	3765957.39	0.00646 (15101305)
469511.78	3765957.39	0.00750 (15101305)	469531.78	3765957.39	0.00843 (15101305)
469551.78	3765957.39	0.00937 (15101305)	469571.78	3765957.39	0.01036 (15091103)
469591.78	3765957.39	0.01138 (13090504)	469611.78	3765957.39	0.01352 (15092323)
469631.78	3765957.39	0.01472 (15082604)	469651.78	3765957.39	0.01606 (15082602)
469671.78	3765957.39	0.02104 (12090802)	469691.78	3765957.39	0.01788 (15121023)
469711.78	3765957.39	0.01835 (13091323)	469731.78	3765957.39	0.01277 (14092002)
469751.78	3765957.39	0.01294 (12081724)	469771.78	3765957.39	0.01237 (16092021)
469791.78	3765957.39	0.01207 (12100724)	469811.78	3765957.39	0.01127 (12100724)

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Existing REV6.ADO

469831.78	3765957.39	0.01076 (12081401)	469851.78	3765957.39	0.01042 (14091224)
469871.78	3765957.39	0.01010 (14091224)	469891.78	3765957.39	0.00961 (14091224)
469911.78	3765957.39	0.00875 (14091224)	469931.78	3765957.39	0.00811 (12091923)
469951.78	3765957.39	0.00699 (14091224)	469951.78	3765957.39	0.00264 (13082903)
469371.78	3765977.39	0.00298 (13082903)	469391.78	3765977.39	0.00357 (12100602)
469411.78	3765977.39	0.00416 (12100602)	469431.78	3765977.39	0.00482 (12100602)
469451.78	3765977.39	0.00556 (15101305)	469471.78	3765977.39	0.00635 (15091102)
469491.78	3765977.39	0.00708 (15091102)	469511.78	3765977.39	0.00776 (13090702)
469531.78	3765977.39	0.00835 (12092823)	469551.78	3765977.39	0.00902 (15092323)
469571.78	3765977.39	0.01050 (15092323)	469591.78	3765977.39	0.01131 (12082724)
469611.78	3765977.39	0.01204 (12101719)	469631.78	3765977.39	0.01272 (12071003)
469651.78	3765977.39	0.01608 (15082602)	469671.78	3765977.39	0.01587 (13082922)
469691.78	3765977.39	0.01423 (15041122)	469711.78	3765977.39	0.01267 (13091323)
469731.78	3765977.39	0.01222 (16070905)	469751.78	3765977.39	0.01208 (15091301)
469771.78	3765977.39	0.01115 (15093023)	469791.78	3765977.39	0.01103 (16062201)
469811.78	3765977.39	0.01063 (16082924)	469831.78	3765977.39	0.01055 (14081424)
469851.78	3765977.39	0.01026 (12090506)	469871.78	3765977.39	0.00951 (16062903)
469891.78	3765977.39	0.00896 (12081401)	469911.78	3765977.39	0.00837 (14091224)
469931.78	3765977.39	0.00778 (14091224)	469951.78	3765977.39	0.00718 (14091224)
469351.78	3765997.39	0.00295 (12100602)	469371.78	3765997.39	0.00339 (12100602)

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Existing Land Use DPM Emission Impacts \*\*\* \*\*\* 06/30/23  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* 05:46:32

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): IDLE4 , IDLE5 , IDLE6 , IDLE7 , A0000025 ,  
 A0000026 , A0000027 , A0000028 , A0000029 , A0000030 , A0000031 , A0000032 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M) (YYMMDDHH)	Y-COORD (M) (YYMMDDHH)	CONC (YYMMDDHH)	X-COORD (M) (YYMMDDHH)	Y-COORD (M) (YYMMDDHH)	CONC (YYMMDDHH)
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469391.78	3765997.39	0.00387 (15091102)	469411.78	3765997.39	0.00444 (15091102)
469431.78	3765997.39	0.00504 (15091102)	469451.78	3765997.39	0.00572 (13090702)
469471.78	3765997.39	0.00631 (12092823)	469491.78	3765997.39	0.00689 (12092823)
469511.78	3765997.39	0.00758 (15092323)	469531.78	3765997.39	0.00858 (15092323)
469551.78	3765997.39	0.00921 (12082724)	469571.78	3765997.39	0.00958 (15093022)
469591.78	3765997.39	0.01031 (12101719)	469611.78	3765997.39	0.01066 (15082901)
469631.78	3765997.39	0.01220 (15082602)	469651.78	3765997.39	0.01459 (13082922)
469671.78	3765997.39	0.01398 (14111819)	469691.78	3765997.39	0.01269 (13090524)
469711.78	3765997.39	0.01109 (15121023)	469731.78	3765997.39	0.01123 (15091403)
469751.78	3765997.39	0.01150 (14083001)	469771.78	3765997.39	0.01063 (16081723)
469791.78	3765997.39	0.01028 (15093023)	469811.78	3765997.39	0.01015 (13020219)
469831.78	3765997.39	0.00978 (13083103)	469851.78	3765997.39	0.00947 (12090703)
469871.78	3765997.39	0.00927 (14081424)	469891.78	3765997.39	0.00871 (12090506)
469911.78	3765997.39	0.00786 (12090506)	469931.78	3765997.39	0.00723 (16062903)
469951.78	3765997.39	0.00671 (12081401)	469951.78	3766017.39	0.00304 (15091102)
469371.78	3766017.39	0.00343 (13090702)	469391.78	3766017.39	0.00384 (13090702)
469411.78	3766017.39	0.00432 (12092823)	469431.78	3766017.39	0.00489 (12092823)
469451.78	3766017.39	0.00549 (12092323)	469471.78	3766017.39	0.00608 (15092323)
469491.78	3766017.39	0.00693 (15092323)	469511.78	3766017.39	0.00765 (12082724)
469531.78	3766017.39	0.00814 (15093022)	469551.78	3766017.39	0.00861 (13020220)
469571.78	3766017.39	0.00888 (14090702)	469591.78	3766017.39	0.00933 (15082901)
469611.78	3766017.39	0.01049 (15082901)	469631.78	3766017.39	0.01282 (15082602)
469651.78	3766017.39	0.01301 (14072705)	469671.78	3766017.39	0.01283 (13090524)
469691.78	3766017.39	0.01124 (15091901)	469711.78	3766017.39	0.01017 (16081502)
469731.78	3766017.39	0.01014 (15082804)	469751.78	3766017.39	0.01073 (12080704)
469771.78	3766017.39	0.01067 (14083001)	469791.78	3766017.39	0.00990 (14070601)

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Existing REV6.ADO							
469811.78	3766017.39	0.00947	(15093023)	469831.78	3766017.39	0.00938	(13020219)
469851.78	3766017.39	0.00907	(13083103)	469871.78	3766017.39	0.00863	(14083101)
469891.78	3766017.39	0.00819	(12090703)	469911.78	3766017.39	0.00777	(14081424)
469931.78	3766017.39	0.00719	(12090506)	469951.78	3766017.39	0.00647	(12090506)
469351.78	3766037.39	0.00293	(12092823)	469371.78	3766037.39	0.00331	(12092823)
469391.78	3766037.39	0.00365	(12092823)	469411.78	3766037.39	0.00413	(12092323)
469431.78	3766037.39	0.00467	(15092323)	469451.78	3766037.39	0.00543	(15092323)
469471.78	3766037.39	0.00608	(12082724)	469491.78	3766037.39	0.00657	(14102321)
469511.78	3766037.39	0.00710	(14102222)	469531.78	3766037.39	0.00767	(12101719)
469551.78	3766037.39	0.00782	(16100103)	469571.78	3766037.39	0.00833	(15082901)
469591.78	3766037.39	0.00931	(15082901)	469611.78	3766037.39	0.01132	(12071003)
469631.78	3766037.39	0.01189	(13082922)	469651.78	3766037.39	0.01184	(13082923)
469671.78	3766037.39	0.01187	(13090524)	469691.78	3766037.39	0.00977	(15091901)
469711.78	3766037.39	0.00920	(14080424)	469731.78	3766037.39	0.00905	(14101122)

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Existing Land Use DPM Emission Impacts \*\*\*      06/30/23

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 05:46:32

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): IDLE4 , IDLE5 , IDLE6 , IDLE7 , A0000025 ,  
A0000026 , A0000027 , A0000028 , A0000029 , A0000030 , A0000031 , A0000032 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M) (YYMMDDHH)	Y-COORD (M) (YYMMDDHH)	CONC (YYMMDDHH)	X-COORD (M) (YYMMDDHH)	Y-COORD (M) (YYMMDDHH)	CONC (YYMMDDHH)
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469751.78	3766037.39	0.01006 (15082804)	469771.78	3766037.39	0.01000 (12072002)
469791.78	3766037.39	0.00962 (14083001)	469811.78	3766037.39	0.00920 (14070601)
469831.78	3766037.39	0.00878 (15091003)	469851.78	3766037.39	0.00854 (13020219)
469871.78	3766037.39	0.00817 (13020219)	469891.78	3766037.39	0.00780 (13083103)
469911.78	3766037.39	0.00728 (14083101)	469931.78	3766037.39	0.00679 (12090703)
469951.78	3766037.39	0.00632 (14081424)	469951.78	3766057.39	0.00278 (12092323)
469371.78	3766057.39	0.00316 (12092323)	469391.78	3766057.39	0.00355 (15092323)
469411.78	3766057.39	0.00407 (15092323)	469431.78	3766057.39	0.00460 (12082724)
469451.78	3766057.39	0.00512 (12082724)	469471.78	3766057.39	0.00567 (14102222)
469491.78	3766057.39	0.00624 (13020220)	469511.78	3766057.39	0.00673 (16100103)
469531.78	3766057.39	0.00673 (16100103)	469551.78	3766057.39	0.00746 (15082901)
469571.78	3766057.39	0.00837 (15082901)	469591.78	3766057.39	0.00997 (12071003)
469611.78	3766057.39	0.01067 (15082602)	469631.78	3766057.39	0.01078 (14072705)
469651.78	3766057.39	0.01096 (13082802)	469671.78	3766057.39	0.00990 (13090524)
469691.78	3766057.39	0.00835 (15091901)	469711.78	3766057.39	0.00811 (14091423)
469731.78	3766057.39	0.00844 (16081502)	469751.78	3766057.39	0.00893 (15082804)
469771.78	3766057.39	0.00940 (12080704)	469791.78	3766057.39	0.00931 (14083001)
469811.78	3766057.39	0.00869 (15082801)	469831.78	3766057.39	0.00847 (14070601)
469851.78	3766057.39	0.00806 (15091003)	469871.78	3766057.39	0.00770 (12090324)
469891.78	3766057.39	0.00733 (13020219)	469911.78	3766057.39	0.00692 (13083103)
469931.78	3766057.39	0.00640 (13083103)	469951.78	3766057.39	0.00593 (14083101)
469351.78	3766077.39	0.00266 (15092323)	469371.78	3766077.39	0.00304 (15092323)
469391.78	3766077.39	0.00343 (12082724)	469411.78	3766077.39	0.00387 (12082724)
469431.78	3766077.39	0.00430 (14102222)	469451.78	3766077.39	0.00479 (13020220)
469471.78	3766077.39	0.00531 (13050323)	469491.78	3766077.39	0.00570 (16100103)
469511.78	3766077.39	0.00553 (16100103)	469531.78	3766077.39	0.00653 (15082901)
469551.78	3766077.39	0.00736 (15082901)	469571.78	3766077.39	0.00783 (12071003)
469591.78	3766077.39	0.00957 (15082602)	469611.78	3766077.39	0.00997 (13082922)
469631.78	3766077.39	0.00997 (13082923)	469651.78	3766077.39	0.01019 (13090524)
469671.78	3766077.39	0.00905 (15091901)	469691.78	3766077.39	0.00729 (13082901)
469711.78	3766077.39	0.00735 (14091423)	469731.78	3766077.39	0.00780 (16081502)
469751.78	3766077.39	0.00792 (15082804)	469771.78	3766077.39	0.00886 (15082804)

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Existing REV6.ADO

469791.78	3766077.39	0.00872 (12080704)	469811.78	3766077.39	0.00846 (14091222)
469831.78	3766077.39	0.00796 (15082801)	469851.78	3766077.39	0.00764 (14070601)
469871.78	3766077.39	0.00723 (15091003)	469891.78	3766077.39	0.00681 (12090324)
469911.78	3766077.39	0.00647 (13020219)	469931.78	3766077.39	0.00601 (13083103)
469951.78	3766077.39	0.00564 (13083103)	469951.78	3766097.39	0.00255 (12082724)
469371.78	3766097.39	0.00286 (12082724)	469391.78	3766097.39	0.00316 (12092003)
469411.78	3766097.39	0.00359 (14102222)	469431.78	3766097.39	0.00404 (13020220)
469451.78	3766097.39	0.00444 (16100103)	469471.78	3766097.39	0.00472 (16100103)

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Existing Land Use DPM Emission Impacts \*\*\* 06/30/23  
 \*\*\* AERMET - VERSION 16216 \*\*\* \*\*\* \*\*\* 05:46:32

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): IDLE4 , IDLE5 , IDLE6 , IDLE7 , A0000025 ,  
 A0000026 , A0000027 , A0000028 , A0000029 , A0000030 , A0000031 , A0000032 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC
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469491.78	3766097.39	0.00454 (16100103)	469511.78	3766097.39	0.00562 (15082901)
469531.78	3766097.39	0.00635 (15082901)	469551.78	3766097.39	0.00667 (16062204)
469571.78	3766097.39	0.00844 (16093024)	469591.78	3766097.39	0.00904 (13082922)
469611.78	3766097.39	0.00912 (14072705)	469631.78	3766097.39	0.00901 (16091724)
469651.78	3766097.39	0.00941 (13090524)	469671.78	3766097.39	0.00808 (15091901)
469691.78	3766097.39	0.00656 (13082901)	469711.78	3766097.39	0.00663 (15043024)
469731.78	3766097.39	0.00717 (14080424)	469751.78	3766097.39	0.00719 (16081502)
469771.78	3766097.39	0.00781 (15082804)	469791.78	3766097.39	0.00810 (12081123)
469811.78	3766097.39	0.00788 (12081706)	469831.78	3766097.39	0.00745 (14091222)
469851.78	3766097.39	0.00711 (15082801)	469871.78	3766097.39	0.00677 (14070601)
469891.78	3766097.39	0.00639 (15091003)	469911.78	3766097.39	0.00595 (12083002)
469931.78	3766097.39	0.00563 (13020219)	469951.78	3766097.39	0.00521 (13020219)
469351.78	3766117.39	0.00234 (12092003)	469371.78	3766117.39	0.00266 (14102222)
469391.78	3766117.39	0.00299 (13020220)	469411.78	3766117.39	0.00336 (13050323)
469431.78	3766117.39	0.00369 (16100103)	469451.78	3766117.39	0.00386 (16100103)
469471.78	3766117.39	0.00374 (14051623)	469491.78	3766117.39	0.00474 (15082901)
469511.78	3766117.39	0.00542 (15082901)	469531.78	3766117.39	0.00573 (16062204)
469551.78	3766117.39	0.00719 (16093024)	469571.78	3766117.39	0.00778 (15082602)
469591.78	3766117.39	0.00817 (13082922)	469611.78	3766117.39	0.00833 (13082923)
469631.78	3766117.39	0.00845 (13082802)	469651.78	3766117.39	0.00852 (15091901)
469671.78	3766117.39	0.00703 (15091901)	469691.78	3766117.39	0.00586 (13082901)
469711.78	3766117.39	0.00597 (15043024)	469731.78	3766117.39	0.00642 (14080424)
469751.78	3766117.39	0.00657 (16081502)	469771.78	3766117.39	0.00690 (15082804)
469791.78	3766117.39	0.00752 (15082804)	469811.78	3766117.39	0.00730 (12080704)
469831.78	3766117.39	0.00699 (14091222)	469851.78	3766117.39	0.00654 (14081603)
469871.78	3766117.39	0.00624 (15082801)	469891.78	3766117.39	0.00592 (14070601)
469911.78	3766117.39	0.00559 (15091003)	469931.78	3766117.39	0.00519 (12083002)
469951.78	3766117.39	0.00484 (12090324)	469951.78	3766137.39	0.00217 (14102222)
469371.78	3766137.39	0.00247 (13020220)	469391.78	3766137.39	0.00276 (13050323)
469411.78	3766137.39	0.00302 (16100103)	469431.78	3766137.39	0.00306 (16100103)
469451.78	3766137.39	0.00311 (14051623)	469471.78	3766137.39	0.00394 (15082901)
469491.78	3766137.39	0.00451 (15082901)	469511.78	3766137.39	0.00484 (16062204)
469531.78	3766137.39	0.00536 (12071003)	469551.78	3766137.39	0.00666 (16093024)
469571.78	3766137.39	0.00717 (13082922)	469591.78	3766137.39	0.00736 (15092502)
469611.78	3766137.39	0.00746 (13082923)	469631.78	3766137.39	0.00767 (13090524)
469651.78	3766137.39	0.00690 (15091901)	469671.78	3766137.39	0.00600 (12092505)
469691.78	3766137.39	0.00520 (13082901)	469711.78	3766137.39	0.00534 (14072905)
469731.78	3766137.39	0.00560 (14080424)	469751.78	3766137.39	0.00596 (16081502)

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Existing REV6.ADO

469771.78	3766137.39	0.00589 (16090205)	469791.78	3766137.39	0.00653 (15082804)
469811.78	3766137.39	0.00666 (12081123)	469831.78	3766137.39	0.00639 (12081706)
♀ *** AERMOD - VERSION 22112 *** *** Existing Land Use DPM Emission Impacts			*** 06/30/23		
*** AERMET - VERSION 16216 *** ***			*** 05:46:32		

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): IDLE4 , IDLE5 , IDLE6 , IDLE7 , A0000025 ,  
A0000026 , A0000027 , A0000028 , A0000029 , A0000030 , A0000031 , A0000032 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M) (YYMMDDHH)	Y-COORD (M) (YYMMDDHH)	CONC (YYMMDDHH)	X-COORD (M) (YYMMDDHH)	Y-COORD (M) (YYMMDDHH)	CONC (YYMMDDHH)
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469851.78	3766137.39	0.00609 (14091222)	469871.78	3766137.39	0.00575 (12071305)
469891.78	3766137.39	0.00541 (15082801)	469911.78	3766137.39	0.00514 (14070601)
469931.78	3766137.39	0.00485 (15091003)	469951.78	3766137.39	0.00446 (15092304)
469051.78	3765277.39	0.00034 (15090406)	469101.78	3765277.39	0.00036 (13102507)
469151.78	3765277.39	0.00038 (13102507)	469201.78	3765277.39	0.00039 (16031421)
469251.78	3765277.39	0.00041 (12051206)	469301.78	3765277.39	0.00043 (16013108)
469351.78	3765277.39	0.00044 (15092124)	469401.78	3765277.39	0.00047 (12041005)
469451.78	3765277.39	0.00049 (15011020)	469501.78	3765277.39	0.00050 (16123021)
469551.78	3765277.39	0.00051 (16121108)	469601.78	3765277.39	0.00052 (14082701)
469651.78	3765277.39	0.00053 (15061604)	469701.78	3765277.39	0.00054 (16031301)
469751.78	3765277.39	0.00054 (12070505)	469801.78	3765277.39	0.00054 (16011518)
469851.78	3765277.39	0.00054 (13062704)	469901.78	3765277.39	0.00055 (16011604)
469951.78	3765277.39	0.00059 (15081904)	470001.78	3765277.39	0.00061 (15100222)
470051.78	3765277.39	0.00061 (12090322)	470101.78	3765277.39	0.00061 (12090322)
470151.78	3765277.39	0.00060 (12012918)	470201.78	3765277.39	0.00060 (14083024)
470251.78	3765277.39	0.00059 (15092721)	469051.78	3765327.39	0.00036 (15010821)
469101.78	3765327.39	0.00038 (15090406)	469151.78	3765327.39	0.00040 (13102507)
469201.78	3765327.39	0.00042 (14012304)	469251.78	3765327.39	0.00045 (16031421)
469301.78	3765327.39	0.00047 (12051206)	469351.78	3765327.39	0.00049 (15011119)
469401.78	3765327.39	0.00050 (12101520)	469451.78	3765327.39	0.00054 (16041124)
469501.78	3765327.39	0.00056 (16123021)	469551.78	3765327.39	0.00057 (15072406)
469601.78	3765327.39	0.00059 (14082701)	469651.78	3765327.39	0.00060 (14061702)
469701.78	3765327.39	0.00061 (16031301)	469751.78	3765327.39	0.00061 (16102220)
469801.78	3765327.39	0.00061 (16031302)	469851.78	3765327.39	0.00061 (13062704)
469901.78	3765327.39	0.00059 (13121905)	469951.78	3765327.39	0.00065 (15100222)
470001.78	3765327.39	0.00066 (15100222)	470051.78	3765327.39	0.00066 (12090322)
470101.78	3765327.39	0.00065 (12012918)	470151.78	3765327.39	0.00065 (14083024)
470201.78	3765327.39	0.00064 (15092721)	470251.78	3765327.39	0.00062 (13090521)
469051.78	3765377.39	0.00038 (12111907)	469101.78	3765377.39	0.00040 (15010821)
469151.78	3765377.39	0.00043 (15090406)	469201.78	3765377.39	0.00046 (13102507)
469251.78	3765377.39	0.00048 (14012304)	469301.78	3765377.39	0.00052 (16031421)
469351.78	3765377.39	0.00056 (12051206)	469401.78	3765377.39	0.00059 (15092124)
469451.78	3765377.39	0.00061 (16121506)	469501.78	3765377.39	0.00064 (16062703)
469551.78	3765377.39	0.00066 (15072406)	469601.78	3765377.39	0.00067 (14082701)
469651.78	3765377.39	0.00069 (14061702)	469701.78	3765377.39	0.00072 (15073004)
469751.78	3765377.39	0.00073 (16102220)	469801.78	3765377.39	0.00072 (13070301)
469851.78	3765377.39	0.00071 (15072705)	469901.78	3765377.39	0.00069 (15100222)
469951.78	3765377.39	0.00076 (15100222)	470001.78	3765377.39	0.00073 (12090322)
470051.78	3765377.39	0.00072 (16092201)	470101.78	3765377.39	0.00071 (14083024)
470151.78	3765377.39	0.00069 (15092721)	470201.78	3765377.39	0.00068 (13090521)

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Existing Land Use DPM Emission Impacts \*\*\* 06/30/23  
\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 05:46:32

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

Existing REV6.ADO

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): IDLE4 , IDLE5 , IDLE6 , IDLE7 , A0000025 ,  
 A0000026 , A0000027 , A0000028 , A0000029 , A0000030 , A0000031 , A0000032 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC
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470251.78	3765377.39	0.00066 (14091223)	469051.78	3765427.39	0.00040 (16082306)
469101.78	3765427.39	0.00043 (12111907)	469151.78	3765427.39	0.00046 (15010821)
469201.78	3765427.39	0.00050 (15090406)	469251.78	3765427.39	0.00053 (15090406)
469301.78	3765427.39	0.00058 (14012522)	469351.78	3765427.39	0.00064 (16092922)
469401.78	3765427.39	0.00067 (12051206)	469451.78	3765427.39	0.00072 (12101520)
469501.78	3765427.39	0.00075 (14091221)	469551.78	3765427.39	0.00077 (15072406)
469601.78	3765427.39	0.00077 (15091501)	469651.78	3765427.39	0.00082 (14061702)
469701.78	3765427.39	0.00086 (15073004)	469751.78	3765427.39	0.00090 (16102220)
469801.78	3765427.39	0.00088 (14092602)	469851.78	3765427.39	0.00087 (15072705)
469901.78	3765427.39	0.00093 (14070402)	469951.78	3765427.39	0.00089 (14082202)
470001.78	3765427.39	0.00084 (12090322)	470051.78	3765427.39	0.00080 (12083102)
470101.78	3765427.39	0.00079 (12091922)	470151.78	3765427.39	0.00075 (13090521)
470201.78	3765427.39	0.00072 (14091223)	470251.78	3765427.39	0.00069 (12081622)
469051.78	3765477.39	0.00043 (14041405)	469101.78	3765477.39	0.00046 (16041203)
469151.78	3765477.39	0.00049 (16082306)	469201.78	3765477.39	0.00054 (15010821)
469251.78	3765477.39	0.00060 (15090406)	469301.78	3765477.39	0.00067 (15090406)
469351.78	3765477.39	0.00072 (14012522)	469401.78	3765477.39	0.00082 (16092922)
469451.78	3765477.39	0.00085 (15092124)	469501.78	3765477.39	0.00093 (13111501)
469551.78	3765477.39	0.00094 (16062703)	469601.78	3765477.39	0.00098 (15072406)
469651.78	3765477.39	0.00100 (14061702)	469701.78	3765477.39	0.00106 (13082321)
469751.78	3765477.39	0.00114 (16060104)	469801.78	3765477.39	0.00112 (15091223)
469851.78	3765477.39	0.00108 (15072705)	469901.78	3765477.39	0.00118 (14070402)
469951.78	3765477.39	0.00106 (12090322)	470001.78	3765477.39	0.00098 (12083121)
470051.78	3765477.39	0.00093 (14083024)	470101.78	3765477.39	0.00088 (13090521)
470151.78	3765477.39	0.00083 (14091223)	470201.78	3765477.39	0.00076 (12081622)
470251.78	3765477.39	0.00073 (12081622)	469051.78	3765527.39	0.00045 (15010901)
469101.78	3765527.39	0.00049 (14041405)	469151.78	3765527.39	0.00054 (16100922)
469201.78	3765527.39	0.00059 (16082306)	469251.78	3765527.39	0.00067 (16102403)
469301.78	3765527.39	0.00077 (15090406)	469351.78	3765527.39	0.00088 (15090406)
469401.78	3765527.39	0.00098 (13082904)	469451.78	3765527.39	0.00113 (16092922)
469501.78	3765527.39	0.00117 (12101520)	469551.78	3765527.39	0.00124 (14091221)
469601.78	3765527.39	0.00127 (15072406)	469651.78	3765527.39	0.00124 (14061702)
469701.78	3765527.39	0.00134 (13082321)	469751.78	3765527.39	0.00142 (16060104)
469801.78	3765527.39	0.00145 (15091223)	469851.78	3765527.39	0.00158 (14070402)
469901.78	3765527.39	0.00150 (12090502)	469951.78	3765527.39	0.00130 (12083121)
470001.78	3765527.39	0.00114 (14083024)	470051.78	3765527.39	0.00106 (15092721)
470101.78	3765527.39	0.00099 (14091223)	470151.78	3765527.39	0.00089 (12081622)
470201.78	3765527.39	0.00080 (12081622)	470251.78	3765527.39	0.00077 (15091022)
469051.78	3765577.39	0.00048 (14101702)	469101.78	3765577.39	0.00052 (15010901)
469151.78	3765577.39	0.00058 (14032303)	469201.78	3765577.39	0.00066 (13082106)

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* Existing Land Use DPM Emission Impacts

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 06/30/23

05:46:32

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): IDLE4 , IDLE5 , IDLE6 , IDLE7 , A0000025 ,  
 A0000026 , A0000027 , A0000028 , A0000029 , A0000030 , A0000031 , A0000032 ,

Existing REV6.ADO  
\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M) (YYMMDDHH)	Y-COORD (M) (YYMMDDHH)	CONC (YYMMDDHH)	X-COORD (M) (YYMMDDHH)	Y-COORD (M) (YYMMDDHH)	CONC (YYMMDDHH)
469251.78	3765577.39	0.00077 (16083003)	469301.78	3765577.39	0.00089 (15091304)
470001.78	3765577.39	0.00132 (15092721)	470051.78	3765577.39	0.00115 (12071304)
470101.78	3765577.39	0.00106 (12081622)	470151.78	3765577.39	0.00094 (12081622)
470201.78	3765577.39	0.00089 (15091022)	470251.78	3765577.39	0.00084 (13090722)
469051.78	3765627.39	0.00051 (15091803)	469101.78	3765627.39	0.00056 (15091803)
469151.78	3765627.39	0.00063 (12090604)	469201.78	3765627.39	0.00073 (15010901)
469251.78	3765627.39	0.00086 (14111324)	469301.78	3765627.39	0.00107 (16083003)
470001.78	3765627.39	0.00154 (12071304)	470051.78	3765627.39	0.00130 (12081622)
470101.78	3765627.39	0.00118 (15091022)	470151.78	3765627.39	0.00109 (13090722)
470201.78	3765627.39	0.00098 (12080624)	470251.78	3765627.39	0.00091 (12080624)
469051.78	3765677.39	0.00054 (14012319)	469101.78	3765677.39	0.00060 (14012319)
469151.78	3765677.39	0.00069 (15031002)	469201.78	3765677.39	0.00082 (15091803)
469251.78	3765677.39	0.00098 (12082823)	469301.78	3765677.39	0.00122 (14091424)
470001.78	3765677.39	0.00173 (12081622)	470051.78	3765677.39	0.00153 (15091022)
470101.78	3765677.39	0.00133 (13090722)	470151.78	3765677.39	0.00120 (12080624)
470201.78	3765677.39	0.00105 (13072706)	470251.78	3765677.39	0.00097 (14071503)
469051.78	3765727.39	0.00056 (13110902)	469101.78	3765727.39	0.00064 (16030123)
469151.78	3765727.39	0.00074 (12091401)	469201.78	3765727.39	0.00090 (14012319)
469251.78	3765727.39	0.00112 (15100124)	469301.78	3765727.39	0.00144 (15090904)
470001.78	3765727.39	0.00207 (13090722)	470051.78	3765727.39	0.00177 (13072706)
470101.78	3765727.39	0.00151 (13072706)	470151.78	3765727.39	0.00133 (14071503)
470201.78	3765727.39	0.00119 (13083023)	470251.78	3765727.39	0.00107 (13062922)
469051.78	3765777.39	0.00059 (14082706)	469101.78	3765777.39	0.00068 (14082706)
469151.78	3765777.39	0.00081 (14100624)	469201.78	3765777.39	0.00100 (14100624)
469251.78	3765777.39	0.00124 (14100624)	469301.78	3765777.39	0.00161 (12091401)
470001.78	3765777.39	0.00244 (13072706)	470051.78	3765777.39	0.00206 (13083023)
470101.78	3765777.39	0.00172 (13062922)	470151.78	3765777.39	0.00146 (13062922)
470201.78	3765777.39	0.00126 (14091121)	470251.78	3765777.39	0.00110 (14091804)
469051.78	3765827.39	0.00061 (16111522)	469101.78	3765827.39	0.00070 (14090624)
469151.78	3765827.39	0.00085 (15090804)	469201.78	3765827.39	0.00106 (15090804)
469251.78	3765827.39	0.00135 (15090804)	469301.78	3765827.39	0.00181 (14082706)
470001.78	3765827.39	0.00277 (14090722)	470051.78	3765827.39	0.00221 (14090722)
470101.78	3765827.39	0.00178 (15092823)	470151.78	3765827.39	0.00152 (13082124)
470201.78	3765827.39	0.00132 (13082124)	470251.78	3765827.39	0.00117 (13082124)
469051.78	3765877.39	0.00066 (13092605)	469101.78	3765877.39	0.00072 (16011001)
469151.78	3765877.39	0.00088 (16011001)	469201.78	3765877.39	0.00111 (14072606)
469251.78	3765877.39	0.00144 (16081624)	469301.78	3765877.39	0.00192 (16081624)
470001.78	3765877.39	0.00391 (12082205)	470051.78	3765877.39	0.00316 (12090422)
470101.78	3765877.39	0.00249 (12090422)	470151.78	3765877.39	0.00198 (13072306)
470201.78	3765877.39	0.00158 (12080922)	470251.78	3765877.39	0.00132 (12080922)

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* Existing Land Use DPM Emission Impacts

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 06/30/23

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): IDLE4 , IDLE5 , IDLE6 , IDLE7 , A0000025 ,  
A0000026 , A0000027 , A0000028 , A0000029 , A0000030 , A0000031 , A0000032 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M) (YYMMDDHH)	Y-COORD (M) (YYMMDDHH)	CONC (YYMMDDHH)	X-COORD (M) (YYMMDDHH)	Y-COORD (M) (YYMMDDHH)	CONC (YYMMDDHH)
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Existing REV6.ADO

469051.78	3765927.39	0.00070 (14092406)	469101.78	3765927.39	0.00073 (13112819)
469151.78	3765927.39	0.00089 (13112819)	469201.78	3765927.39	0.00112 (13112819)
469251.78	3765927.39	0.00145 (15032822)	469301.78	3765927.39	0.00193 (14090804)
470001.78	3765927.39	0.00441 (15082501)	470051.78	3765927.39	0.00359 (16081501)
470101.78	3765927.39	0.00285 (16081501)	470151.78	3765927.39	0.00214 (16081501)
470201.78	3765927.39	0.00167 (15082504)	470251.78	3765927.39	0.00136 (15082504)
469051.78	3765977.39	0.00073 (15092702)	469101.78	3765977.39	0.00075 (12012919)
469151.78	3765977.39	0.00090 (12012919)	469201.78	3765977.39	0.00114 (12012919)
469251.78	3765977.39	0.00147 (16040523)	469301.78	3765977.39	0.00191 (15102824)
470001.78	3765977.39	0.00567 (12091923)	470051.78	3765977.39	0.00409 (12091923)
470101.78	3765977.39	0.00299 (12090424)	470151.78	3765977.39	0.00218 (15060823)
470201.78	3765977.39	0.00169 (15060823)	470251.78	3765977.39	0.00138 (15060823)
469051.78	3766027.39	0.00075 (13082903)	469101.78	3766027.39	0.00075 (13082903)
469151.78	3766027.39	0.00087 (13082903)	469201.78	3766027.39	0.00109 (13082705)
469251.78	3766027.39	0.00158 (12100602)	469301.78	3766027.39	0.00214 (15091102)
470001.78	3766027.39	0.00449 (15081703)	470051.78	3766027.39	0.00391 (12081401)
470101.78	3766027.39	0.00305 (14091224)	470151.78	3766027.39	0.00232 (12091923)
470201.78	3766027.39	0.00178 (12091923)	470251.78	3766027.39	0.00136 (12091923)
469051.78	3766077.39	0.00074 (13082705)	469101.78	3766077.39	0.00076 (15100201)
469151.78	3766077.39	0.00090 (15100201)	469201.78	3766077.39	0.00115 (13090702)
469251.78	3766077.39	0.00151 (12092823)	469301.78	3766077.39	0.00194 (12092323)
470001.78	3766077.39	0.00446 (12090703)	470051.78	3766077.39	0.00354 (12090506)
470101.78	3766077.39	0.00263 (13071201)	470151.78	3766077.39	0.00202 (15081703)
470201.78	3766077.39	0.00166 (12081401)	470251.78	3766077.39	0.00139 (12081401)
469051.78	3766127.39	0.00073 (13090702)	469101.78	3766127.39	0.00073 (12092823)
469151.78	3766127.39	0.00082 (12092823)	469201.78	3766127.39	0.00103 (12092323)
469251.78	3766127.39	0.00132 (15092323)	469301.78	3766127.39	0.00173 (12082724)
470001.78	3766127.39	0.00378 (13083103)	470051.78	3766127.39	0.00303 (13083103)
470101.78	3766127.39	0.00237 (16092021)	470151.78	3766127.39	0.00186 (12100724)
470201.78	3766127.39	0.00151 (12100724)	470251.78	3766127.39	0.00127 (13071201)
469051.78	3766177.39	0.00071 (15082802)	469101.78	3766177.39	0.00072 (15082802)
469151.78	3766177.39	0.00075 (13050401)	469201.78	3766177.39	0.00092 (12082724)
469251.78	3766177.39	0.00114 (12092003)	469301.78	3766177.39	0.00146 (13020220)
469351.78	3766177.39	0.00184 (16100103)	469401.78	3766177.39	0.00202 (14051623)
469451.78	3766177.39	0.00307 (16081523)	469501.78	3766177.39	0.00384 (12071003)
469551.78	3766177.39	0.00549 (13082922)	469601.78	3766177.39	0.00584 (14081503)
469651.78	3766177.39	0.00531 (15091901)	469701.78	3766177.39	0.00427 (14092905)
469751.78	3766177.39	0.00478 (14080424)	469801.78	3766177.39	0.00515 (15082804)
469851.78	3766177.39	0.00506 (12080704)	469901.78	3766177.39	0.00442 (12071305)
469951.78	3766177.39	0.00377 (14070601)	470001.78	3766177.39	0.00311 (15092304)

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* Existing Land Use DPM Emission Impacts

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 05:46:32

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): IDLE4 , IDLE5 , IDLE6 , IDLE7 , A0000025 ,  
A0000026 , A0000027 , A0000028 , A0000029 , A0000030 , A0000031 , A0000032 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M) (YYMMDDHH)	Y-COORD (M) (YYMMDDHH)	CONC (YYMMDDHH)	X-COORD (M) (YYMMDDHH)	Y-COORD (M) (YYMMDDHH)	CONC (YYMMDDHH)
---------------------------	---------------------------	--------------------	---------------------------	---------------------------	--------------------

470051.78	3766177.39	0.00255 (13020219)	470101.78	3766177.39	0.00208 (13083103)
470151.78	3766177.39	0.00167 (14083101)	470201.78	3766177.39	0.00137 (16092021)
470251.78	3766177.39	0.00116 (13071824)	469051.78	3766227.39	0.00071 (15092323)
469101.78	3766227.39	0.00069 (12082724)	469151.78	3766227.39	0.00068 (12012108)
469201.78	3766227.39	0.00081 (14102222)	469251.78	3766227.39	0.00098 (13050323)

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469301.78	3766227.39	0.00113 (16100103)	469351.78	3766227.39	0.00128 (15031622)
469401.78	3766227.39	0.00186 (16081523)	469451.78	3766227.39	0.00235 (12081504)
469501.78	3766227.39	0.00338 (14083102)	469551.78	3766227.39	0.00401 (15092502)
469601.78	3766227.39	0.00433 (13082802)	469651.78	3766227.39	0.00356 (15090624)
469701.78	3766227.39	0.00312 (14092905)	469751.78	3766227.39	0.00330 (14080424)
469801.78	3766227.39	0.00347 (14120404)	469851.78	3766227.39	0.00387 (15082804)
469901.78	3766227.39	0.00338 (14083001)	469951.78	3766227.39	0.00299 (15082801)
470001.78	3766227.39	0.00249 (14070601)	470051.78	3766227.39	0.00207 (15092304)
470101.78	3766227.39	0.00173 (13020219)	470151.78	3766227.39	0.00144 (13083103)
470201.78	3766227.39	0.00126 (13083103)	470251.78	3766227.39	0.00107 (16082924)
469051.78	3766277.39	0.00067 (12082724)	469101.78	3766277.39	0.00067 (14102222)
469151.78	3766277.39	0.00068 (13050323)	469201.78	3766277.39	0.00071 (14032805)
469251.78	3766277.39	0.00077 (14032805)	469301.78	3766277.39	0.00086 (14091003)
469351.78	3766277.39	0.00115 (16081523)	469401.78	3766277.39	0.00144 (15100204)
469451.78	3766277.39	0.00204 (16093024)	469501.78	3766277.39	0.00249 (15071402)
469551.78	3766277.39	0.00276 (13082923)	469601.78	3766277.39	0.00307 (13090524)
469651.78	3766277.39	0.00253 (12092505)	469701.78	3766277.39	0.00222 (14092905)
469751.78	3766277.39	0.00227 (14091423)	469801.78	3766277.39	0.00260 (16081502)
469851.78	3766277.39	0.00275 (15082804)	469901.78	3766277.39	0.00262 (12080704)
469951.78	3766277.39	0.00231 (14083104)	470001.78	3766277.39	0.00198 (15082801)
470051.78	3766277.39	0.00167 (14070601)	470101.78	3766277.39	0.00143 (15091003)
470151.78	3766277.39	0.00123 (12090324)	470201.78	3766277.39	0.00109 (13020219)
470251.78	3766277.39	0.00098 (13083103)	469051.78	3766327.39	0.00065 (13020220)
469101.78	3766327.39	0.00063 (13050323)	469151.78	3766327.39	0.00061 (16100103)
469201.78	3766327.39	0.00060 (16011220)	469251.78	3766327.39	0.00066 (15041902)
469301.78	3766327.39	0.00077 (16081523)	469351.78	3766327.39	0.00091 (14092424)
469401.78	3766327.39	0.00112 (15092002)	469451.78	3766327.39	0.00151 (14083006)
469501.78	3766327.39	0.00181 (15092502)	469551.78	3766327.39	0.00196 (16091724)
469601.78	3766327.39	0.00214 (13091323)	469651.78	3766327.39	0.00184 (12071901)
469701.78	3766327.39	0.00155 (14092905)	469751.78	3766327.39	0.00164 (15043024)
469801.78	3766327.39	0.00189 (14080424)	469851.78	3766327.39	0.00178 (15082804)
469901.78	3766327.39	0.00196 (15082804)	469951.78	3766327.39	0.00172 (13071724)
470001.78	3766327.39	0.00158 (14092423)	470051.78	3766327.39	0.00135 (16092923)
470101.78	3766327.39	0.00118 (14070601)	470151.78	3766327.39	0.00105 (15080404)
470201.78	3766327.39	0.00090 (15092304)	470251.78	3766327.39	0.00085 (13020219)

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Existing Land Use DPM Emission Impacts

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

\*\*\* 06/30/23

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): IDLE4 , IDLE5 , IDLE6 , IDLE7 , A0000025 ,  
A0000026 , A0000027 , A0000028 , A0000029 , A0000030 , A0000031 , A0000032 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC
(YYMMDDHH)					

469051.78	3766377.39	0.00061 (13050323)	469101.78	3766377.39	0.00059 (12091502)
469151.78	3766377.39	0.00055 (15031622)	469201.78	3766377.39	0.00054 (15041902)
469251.78	3766377.39	0.00059 (16081523)	469301.78	3766377.39	0.00064 (14092424)
469351.78	3766377.39	0.00072 (15091303)	469401.78	3766377.39	0.00091 (14083102)
469451.78	3766377.39	0.00112 (15071402)	469501.78	3766377.39	0.00127 (15041122)
469551.78	3766377.39	0.00141 (13082802)	469601.78	3766377.39	0.00139 (13091323)
469651.78	3766377.39	0.00140 (12071901)	469701.78	3766377.39	0.00113 (14092905)
469751.78	3766377.39	0.00121 (14061905)	469801.78	3766377.39	0.00137 (14080424)
469851.78	3766377.39	0.00138 (16081502)	469901.78	3766377.39	0.00145 (15082804)
469951.78	3766377.39	0.00136 (12080704)	470001.78	3766377.39	0.00119 (14083104)
470051.78	3766377.39	0.00106 (14092423)	470101.78	3766377.39	0.00096 (16092923)

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470151.78	3766377.39	0.00083 (16081723)	470201.78	3766377.39	0.00080 (15080404)
470251.78	3766377.39	0.00079 (15092304)	469051.78	3766427.39	0.00059 (15082522)
469101.78	3766427.39	0.00056 (14100721)	469151.78	3766427.39	0.00051 (16081604)
469201.78	3766427.39	0.00049 (15011223)	469251.78	3766427.39	0.00052 (13101722)
469301.78	3766427.39	0.00056 (13102022)	469351.78	3766427.39	0.00061 (16093024)
469401.78	3766427.39	0.00072 (15071402)	469451.78	3766427.39	0.00086 (15092502)
469501.78	3766427.39	0.00094 (16081804)	469551.78	3766427.39	0.00107 (120222323)
469601.78	3766427.39	0.00104 (16091922)	469651.78	3766427.39	0.00107 (13020320)
469701.78	3766427.39	0.00085 (14032024)	469751.78	3766427.39	0.00092 (14092905)
469801.78	3766427.39	0.00099 (14080424)	469851.78	3766427.39	0.00109 (16081502)
469901.78	3766427.39	0.00106 (15082804)	469951.78	3766427.39	0.00106 (16083105)
470001.78	3766427.39	0.00077 (12080704)	470051.78	3766427.39	0.00071 (14083104)
470101.78	3766427.39	0.00075 (14092423)	470151.78	3766427.39	0.00081 (16092923)
470201.78	3766427.39	0.00081 (16081723)	470251.78	3766427.39	0.00076 (15091003)
469541.39	3765896.87	0.00813 (12092322)			

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Existing Land Use DPM Emission Impacts \*\*\* 06/30/23

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

\*\*\* THE SUMMARY OF MAXIMUM PERIOD ( 43848 HRS) RESULTS \*\*\*

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

GROUP ID	AVERAGE CONC	NETWORK RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID
ALL	1ST HIGHEST VALUE IS	0.00260 AT ( 469745.20, 3765917.05, 294.85, 739.00, 0.00) DC
	2ND HIGHEST VALUE IS	0.00219 AT ( 469745.20, 3765897.05, 294.85, 739.00, 0.00) DC
	3RD HIGHEST VALUE IS	0.00208 AT ( 469771.78, 3765917.39, 295.00, 739.00, 0.00) DC
	4TH HIGHEST VALUE IS	0.00204 AT ( 469771.78, 3765897.39, 295.00, 739.00, 0.00) DC
	5TH HIGHEST VALUE IS	0.00196 AT ( 469691.78, 3765957.39, 294.00, 739.00, 0.00) DC
	6TH HIGHEST VALUE IS	0.00194 AT ( 469671.78, 3765957.39, 293.78, 739.00, 0.00) DC
	7TH HIGHEST VALUE IS	0.00190 AT ( 469791.78, 3765917.39, 295.41, 739.00, 0.00) DC
	8TH HIGHEST VALUE IS	0.00187 AT ( 469791.78, 3765897.39, 295.41, 739.00, 0.00) DC
	9TH HIGHEST VALUE IS	0.00169 AT ( 469811.78, 3765917.39, 296.07, 739.00, 0.00) DC
	10TH HIGHEST VALUE IS	0.00168 AT ( 469711.78, 3765957.39, 294.00, 739.00, 0.00) DC

\*\*\* RECEPTOR TYPES: GC = GRIDCART

GP = GRIDPOLR

DC = DISCCART

DP = DISCPOLR

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Existing Land Use DPM Emission Impacts \*\*\* 06/30/23

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\*\*\* MODELOPTs: CONC ELEV URBAN ADJ\_U\*

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

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

GROUP ID	DATE AVERAGE CONC (YYMMDDHH)	NETWORK RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	0.02104 ON 12090802: AT ( 469671.78, 3765957.39, 293.78, 739.00, 0.00) DC

ALL HIGH 1ST HIGH VALUE IS 0.02104 ON 12090802: AT ( 469671.78, 3765957.39, 293.78, 739.00, 0.00) DC

Existing REV6.ADO

\*\*\* RECEPTOR TYPES: GC = GRIDCART

GP = GRIDPOLR

DC = DISCCART

DP = DISCPOLR

♀ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* Existing Land Use DPM Emission Impacts

\*\*\* 06/30/23

\*\*\* AERMET - VERSION 16216 \*\*\* \*\*\*

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\*\*\* MODELOPTs: 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 6 Warning Message(s)

A Total of 1638 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 1039 Calm Hours Identified

A Total of 599 Missing Hours Identified ( 1.37 Percent)

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*

\*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*

SO W320	87	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	88	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	89	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	90	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
ME W186	269	MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used	0.50
ME W187	269	MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET	

\*\*\*\*\*

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

\*\*\*\*\*

## **Grand Terrace Development Project**

### **Summary of HARP2 Results - 30-year Exposure Duration**

#### **Existing Land Use**

\*HARP - HRACalc v22118 6/30/2023 9:28:35 AM - Cancer Risk - Input File: C:\temp\GrandTerrace\REV6\HARP2\Existing 30-year R6HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBR	CONC	RISK_SUM	SCENARIO	DETAILS	INH_RISK	SOIL_RISK	DERMAL_FMMILK_RI	WATER_RI	FISH_RISK	CROP_RISI	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_I	EGG_RISK	1ST_DRIVE	2ND_DRIV	PASTURE_F	FISH_CON	WATER_CONC
1				9901	DieselExhF	0.0008	5.45E-07	30YrCance*	5.45E-07	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

#### **Project**

\*HARP - HRACalc v22118 6/30/2023 9:31:34 AM - Cancer Risk - Input File: C:\temp\GrandTerrace\REV6\HARP2\Project 30-year R6HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBR	CONC	RISK_SUM	SCENARIO	DETAILS	INH_RISK	SOIL_RISK	DERMAL_FMMILK_RI	WATER_RI	FISH_RISK	CROP_RISI	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_I	EGG_RISK	1ST_DRIVE	2ND_DRIV	PASTURE_F	FISH_CON	WATER_CONC
1				9901	DieselExhF	0.0016	1.09E-06	30YrCance*	1.09E-06	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Project 30-year R6Output.txt  
HARP2 - HRACalc (dated 22118) 6/30/2023 9:31:34 AM - Output Log

GLCs loaded successfully  
Pollutants loaded successfully  
\*\*\*\*\*

#### RISK SCENARIO SETTINGS

Receptor Type: Resident  
Scenario: Cancer  
Calculation Method: Derived

\*\*\*\*\*

#### 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: True  
Dermal: True  
Mother's milk: True  
Water: False  
Fish: False  
Homegrown crops: True  
Beef: False  
Dairy: False  
Pig: False  
Chicken: False  
Egg: False

\*\*\*\*\*

#### INHALATION

Daily breathing rate: RMP

\*\*Worker Adjustment Factors\*\*  
Worker adjustment factors enabled: NO

\*\*Fraction at time at home\*\*  
3rd Trimester to 16 years: ON  
16 years to 70 years: ON

\*\*\*\*\*

#### SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02  
Soil mixing depth (m): 0.01  
Dermal climate: Mixed

Project 30-year R6Output.txt

\*\*\*\*\*

**HOMEGROWN CROP PATHWAY SETTINGS**

Household type: HouseholdsthatGarden

Fraction leafy: 0.137

Fraction exposed: 0.137

Fraction protected: 0.137

Fraction root: 0.137

\*\*\*\*\*

**TIER 2 SETTINGS**

Tier2 adjustments were used in this assessment. Please see the input file for details.

Tier2 - What was changed: DBRs changed|FAH changed|

Calculating cancer risk

Cancer risk saved to: C:\temp\GrandTerrace\REV6\HARP2\Project 30-year R6CancerRisk.csv

HRA ran successfully