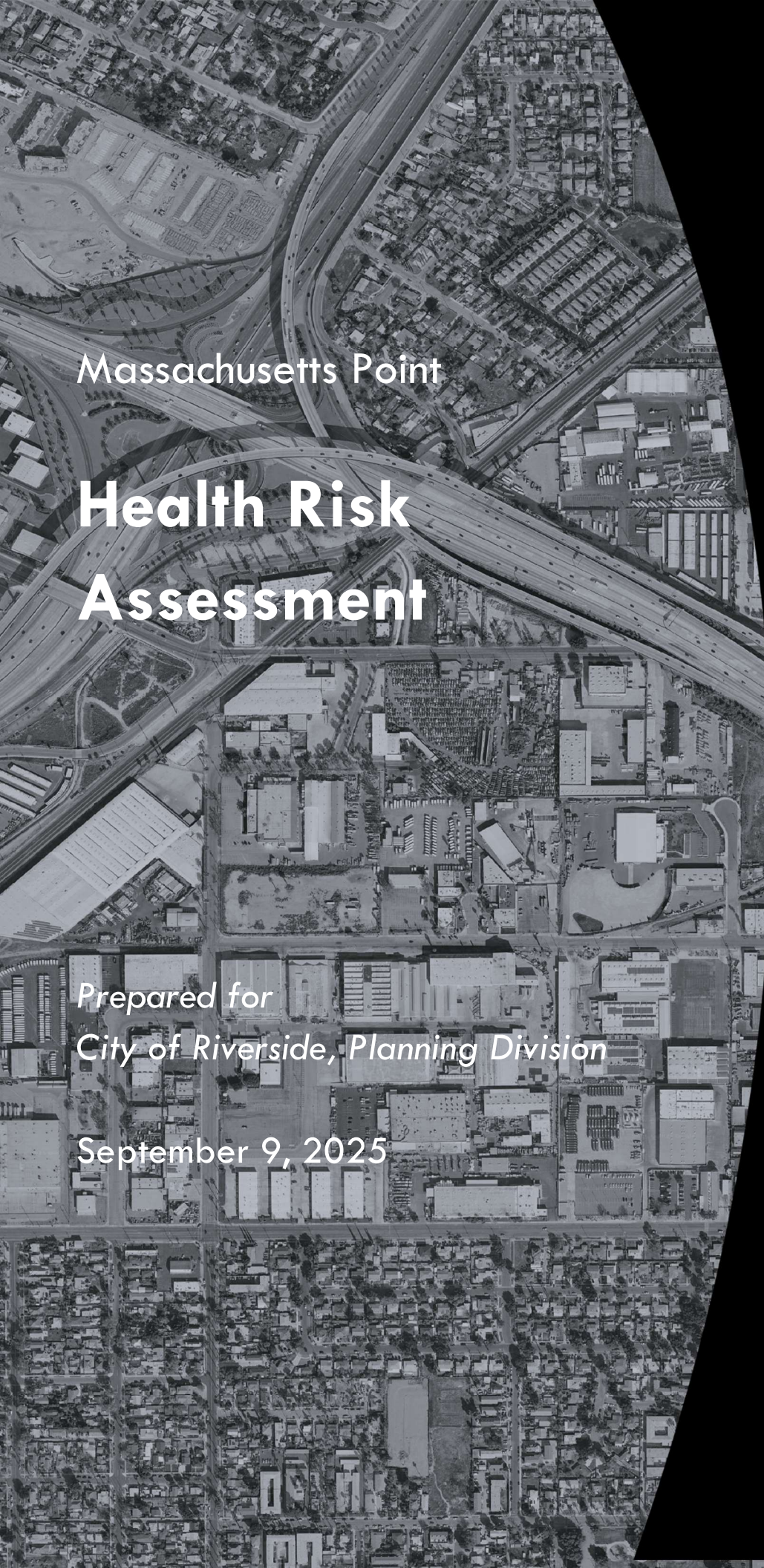




Massachusetts Point

Health Risk Assessment

Prepared for
City of Riverside, Planning Division

September 9, 2025

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1 INTRODUCTION

This Health Risk Assessment (HRA) evaluates the potential impacts of the proposed Massachusetts Point Project (proposed Project). The Project site is located at the northeast corner of Kansas Avenue and Massachusetts Avenue in the City of Riverside. The proposed Project is within the jurisdiction of the South Coast Air Quality Management District (SCAQMD). The Project site consists of three addresses: 2626 Kansas Avenue, 2069 Massachusetts Avenue, and 1989 Massachusetts Avenue. The 14.42-acre Project site is identified by Assessor's Parcel Numbers (APNs) 210-130-015, 210-130-016, and 210-130-020. A portion of the Project site (2626 Kansas Avenue) is currently developed with a commercial/industrial business, NewBasis, Inc., which is a concrete, polymer, and fiberglass products manufacturing business. In addition, 1989 and 2069 Massachusetts Avenue are currently used for bus parking and storage.

The Project proposes to demolish the two existing buildings totaling 99,850-square-foot (SF) to construct two industrial buildings totaling 199,850 SF. Building 1 would be 99,900 SF and Building 2 would be 99,950 SF. The two buildings would support general heavy industrial uses and cold storage. To provide a conservative analysis, the Project was assumed to dedicate 20% of the total building area to cold storage. Development of the site would also include landscaping, utility connections, stormwater facilities, and pavement of parking areas and drive aisles. The proposed Project location and site are shown in Figure 1, *Project Location*, and Figure 2, *Project Site Plan*.

Figure 1: Project Location

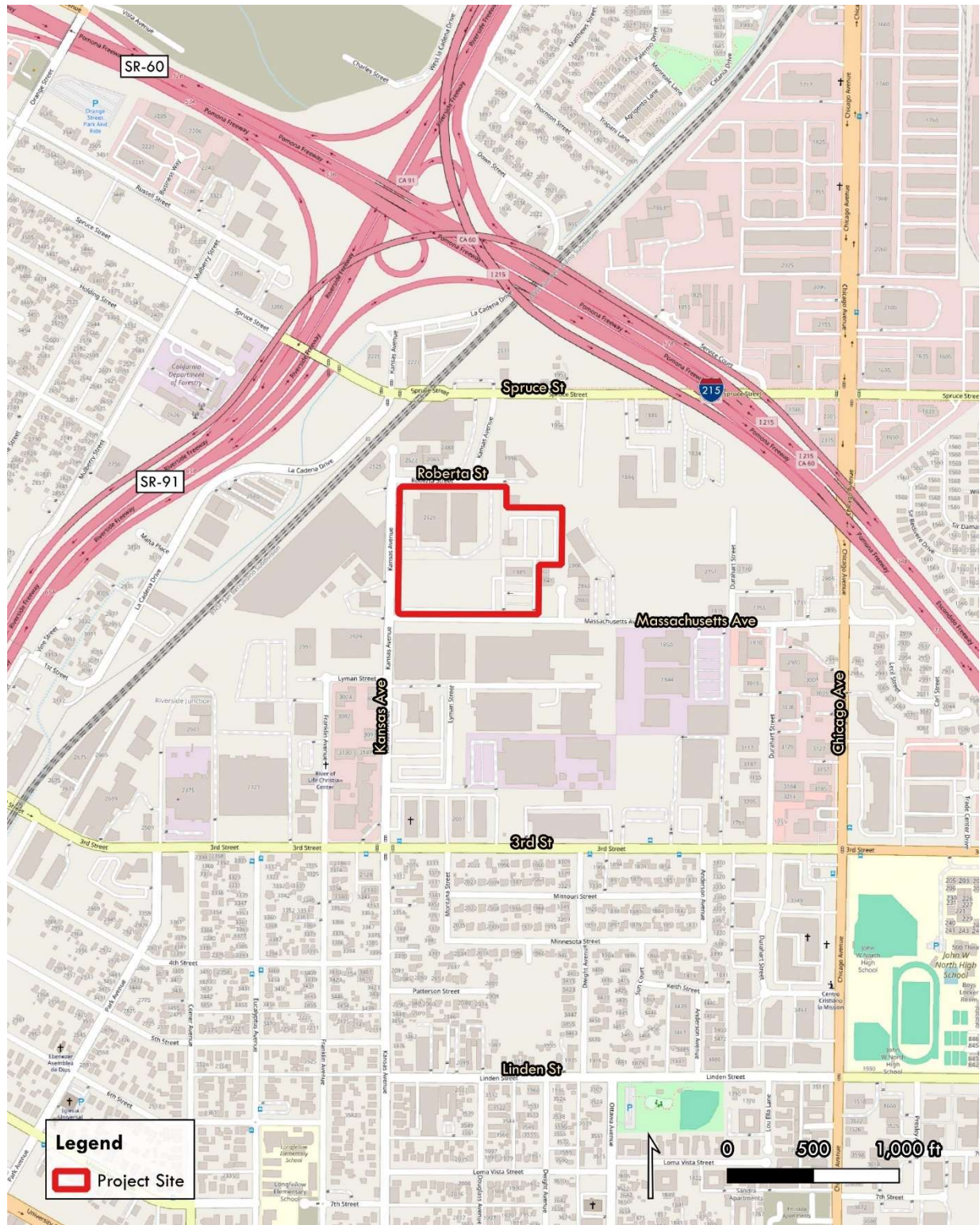
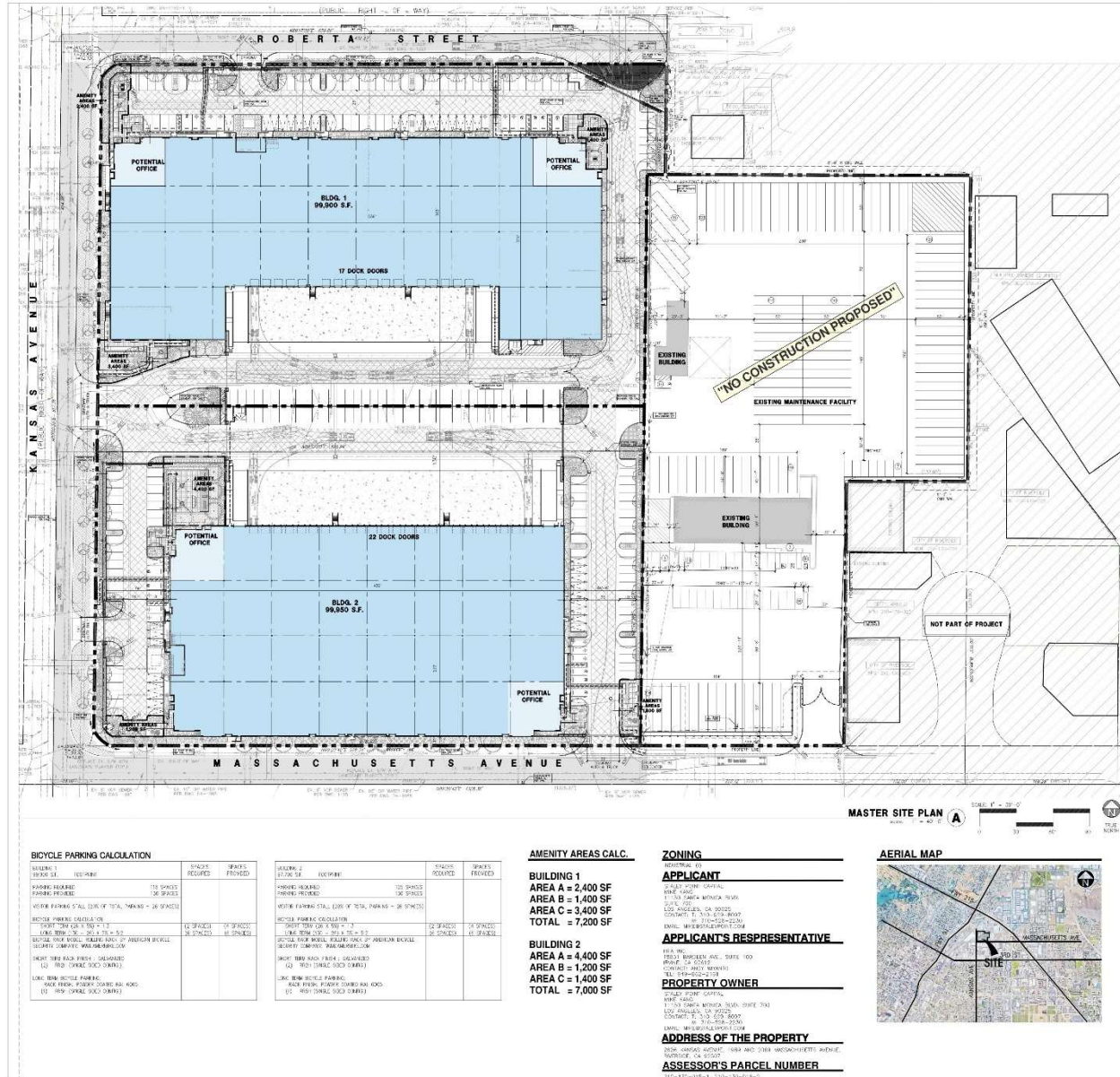


Figure 2: Project Site Plan



1.1 Access and Circulation

The proposed Project would construction five new driveways. Driveway 1, a cul-de-sac located to the northeast along Roberta Street, is 37 feet and 6 inches wide and accommodates both passenger vehicles and trucks. Driveway 2, situated to the northwest along Roberta Street, is 26 feet wide and limited to passenger vehicles. Driveway 3, located centrally along Kansas Avenue, is 50 feet wide and allows both passenger vehicles and truck access. Driveway 4, located to the southwest along Kansas Avenue, is 26 feet wide and restricted to passenger vehicles. Driveway 5, located along Massachusetts Avenue, is 35 feet wide and accommodates both passenger vehicles and trucks.

Building 1 would be accessible via Driveways 1, 2, and 3, while Building 2 is accessible through Driveways 3, 4, and 5. Internal access for both buildings would be provided via 26-foot-wide to 35-foot-wide drive aisles, which would double as fire lanes.

Trucks are expected to primarily utilize Driveway 1, located on the northeast end of the Project site along Roberta Street, Driveway 3, located on Kansas Avenue, and Driveway 5, located along Massachusetts Avenue, when traveling to or from 3rd Street for regional access. For a conservative analysis, truck access to Building 1 was analyzed to be provided via Driveway 1 and truck access to Building 2 was analyzed to be provided via Driveway 5.

1.2 Parking and Loading Docks

The Project would provide a total of 260 parking stalls. Parking stalls for Building 1 would be located along the west, south, and east side of Building 1. Building 1 would include 130 parking stalls, inclusive of 100 standard stalls, 23 electric vehicle (EV) charging stalls (which include charging stations and supply equipment), and seven accessible stalls (which include standard, van, EV standard, and EV van). Parking stalls for Building 2 would be located along the north and east side of Building 2. Building 2 would include 130 parking stalls, with the same breakdown as Building 1.

Finally, the Project would include 17 dock doors along the southern side of Building 1 and 22 dock doors along the northern side of Building 2, for a total of 39 dock doors. The Project does not include any truck or trailer parking stalls. See Figure 2, *Project Site Plan*.

1.3 Operational Characteristics

The Project proposes two light industrial buildings, with associated administrative offices. To provide a conservative analysis, the proposed Project was assumed to dedicate 20% of the total building area to cold storage although no cold storage is being proposed. Operational characteristics include employee trips, deliveries to and from the site, and truck loading and unloading.

The Project is expected to begin operation in the second quarter of 2027. In order to provide a conservative health risk analysis, operations were assumed to be 24 hours a day, seven days a week.

The proposed Project would also include one emergency diesel backup generator and one diesel fire pump at each building, for a total of two diesel backup generators and two diesel fire pumps proposed for the Project. This analysis conservatively assumed to operate the diesel backup generators for 200 hours and the

diesel fire pumps for 50 hours per year, respectively, in accordance with SCAQMD Rule 1470. SCAQMD Rule 1470 limit stationary diesel-fueled internal combustion to a maximum of 50 hours per year for testing and maintenance.¹ Additionally, SCAQMD provided a comment letter for *1977 Saturn Data Center Project*, stating that in addition to a maximum of 50 hours per year for maintenance and testing for emergency generator diesel engines, many SCAQMD permits allow for up to 200 hours per year for emergency uses (inclusive of the 50 hours of testing). Thus, the proposed Project's emergency diesel backup generators were analyzed to operate up to 200 hours per year.² The proposed Project would not exceed testing and maintenance restrictions in accordance with the SCAQMD's operational requirements for emergency diesel engines or Rule 1470.

1.4 Purpose of the Report

To support the CEQA document for the proposed Project, this report evaluates the potential health impacts to sensitive receptors from the construction and operation of the Project. This HRA focuses on the emissions of diesel particulate matter (DPM) from the construction and operation of the heavy-duty diesel vehicles and off-road construction equipment that would be utilized for the construction and operational purposes of the Project on a day-to-day basis. DPM has been identified by the California Air Resources Board (CARB) as a carcinogenic substance responsible for nearly 70% of the airborne cancer risk in California.³ The estimated health risk impacts from the Project construction were compared to the health risk significance thresholds recommended by the South Coast Air Quality Management District (SCAQMD) for use in CEQA assessments.⁴

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

- The California Air Pollution Control Officers Association California Emissions Estimator Model (CalEEMod, Version 2022.1) to calculate exhaust emissions from mobile sources such as diesel trucks and construction equipment such as crawler tractors and cranes during the construction of the Project.
- The U.S. Environmental Protection Agency (EPA) American Meteorological Society (AMS)/EPA Regulatory Model ("AERMOD") Version 23132 air dispersion model to estimate DPM impacts to sensitive receptors.
- Cancer Risk Methodology from the California Office of Environmental Health Hazards Assessment (OEHHA)⁵ and the SCAQMD.⁶
- The Emissions Factor project-level model (EMFAC, 2021 Version) calculates idling, 5 mile-per-hour (mph), and 25 mph exhaust emissions from diesel trucks during the operation of the Project.

¹ SCAQMD. (2021). *Requirements for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines: Maintenance Hours*. <https://www.aqmd.gov/docs/default-source/rule-book/reg-xiv/rule-1470.pdf>

² SCAQMD. (2024) *Notice of Availability of a Draft Initial Study/Mitigated Negative Declaration for the 1977 Saturn Data Center Project* (SCH No.2024101397).

³ California Air Resources Board. (2017). *Study Links California Regulations, Dramatic Declines in Cancer Risk from Exposure to Air Toxics*. <https://ww2.arb.ca.gov/news/study-links-california-regulations-dramatic-declines-cancer-risk-exposure-air-toxics>

⁴ SCAQMD. (2017). *Risk Assessment Procedures for Rules 1401, 1401.1, 1402, and 212, Version 8.1*.

⁵ California Office of Environmental Health Hazards Assessment. (2015). *Air Toxics Hot Spots Program. Risk Assessment Guidelines. Guidance Manual for Preparation of Health Risk Assessments*. <https://oehha.ca.gov/media/downloads/cnr/2015guidancemanual.pdf>

⁶ SCAQMD. (2017). *Risk Assessment Procedures for Rules 1401, 1401.1, 1402, and 212, Version 8.1*.

1.5 Summary of the Results

While there is an existing facility that generates diesel emissions, the Project was conservatively analyzed without taking credit for existing emissions. The emissions from the Project's construction, operation, and combined construction and operation would not result in cancer health risks that exceed the lifetime cancer risk threshold of 10 in one million at the maximum impacted sensitive receptor set forth in [citation]. The Project's emissions for construction and operational impacts would also not result in a non-cancer risk greater than the 1.0 non-cancer hazard index (HI) threshold. The Project's maximum construction, operational, and combined health risk results are summarized below.

Maximum Project Construction Health Risk Results:

- Sensitive/residential receptor for the 30-year lifetime exposure duration: 0.63 in one million
- Worker receptor: 0.58 in one million
- Sensitive receptor chronic non-cancer HI: <0.01
- Worker receptor chronic non-cancer HI: 0.04

Maximum Project Operational Health Risk Results:

- Sensitive/residential receptor for the 30-year lifetime exposure duration: 5.59 in one million
- Worker receptor: 4.04 in one million
- Sensitive receptor chronic non-cancer HI: <0.01
- Worker receptor chronic non-cancer HI: 0.01

Combined Project Construction and Operational Cancer Risk Results:

- Sensitive/residential receptor for the 30-year exposure duration: 3.82 in one million
- Worker receptor: 3.81 in one million

The Project's individual construction and operational and combined health risk results would not exceed the SCAQMD significance threshold of 10 in one million, nor the HI threshold of 1.0. Therefore, the construction and operation of the proposed Project would result in less-than-significant project-level and cumulative-level impacts for cancer and non-cancer health risk.

2 HEALTH RISK ASSESSMENT

An 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 with information about emissions, source locations, weather, and other factors;
- Estimation of the level of exposure to different concentrations of the TACs at different geographic locations and their consequential health impacts.

Thus, an 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 due to the identified exposures.

The State of California Office of Environmental Health Hazards Assessment (OEHHA) has developed methods for conducting HRAs. As defined under the Air Toxics "Hot Spots" Information and Assessment Act:

*"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."*⁷

The methodology used to estimate health risks and hazards that could potentially affect nearby sensitive receptors from the emissions of TACs is described below. The methodology includes assumptions regarding emission source quantification, configurations and locations, receptor locations, air dispersion modeling, and health risk modeling. As noted above, this HRA focused on DPM emissions that the CARB has identified as the principal airborne carcinogenic substance in California. For purposes of this HRA, DPM was assumed to be comprised of PM₁₀ vehicle exhaust emissions.

2.1 SCAQMD Significance Thresholds

Project-Level

The City of Riverside has not adopted a numerical significance threshold for cancer risk or non-cancer chronic health risk impacts. Therefore, the significance thresholds recommended by the SCAQMD were used for this assessment. 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 TACs.
- Non-Cancer Hazard Index (HI): 1.0.

⁷ California Health and Safety Code Section 44306 Chapter 1252. (1987) AB 2588.

These thresholds are discussed further in Section 2.2, *Health Risk Estimation Methodology*.

Cumulative

The SCAQMD conducted an analysis of the cumulative effects of TACs within the South Coast Air Basin as part of its *Multiple Air Toxics Exposure Study in the South Coast Air Basin* (MATES-V, the draft version of this MATES study series).⁸ The MATES-V study expresses cumulative TAC impacts in terms of potential increased cancer risks. Cumulative impact thresholds derive from this study, since the Project site is within the MATES-V Study area. The MATES-V Study estimates the cumulative TAC-source cancer risk for the localized area encompassing the Project site ranges from 300 to 400 in one million. DPM-source cancer risks are reflected in the area's ambient cumulative cancer risk along with all other TAC-source risks and account for the predominance (68%) of the total risk shown in MATES-V for the Project site area. A cancer risk upper limit of 400 in a million was assumed to comprise the impact from existing TAC emission sources in the region without the impacts from the Project.

The TAC emissions inventory used in the MATES-V study to estimate health impacts was representative of emissions for the year 2018. In addition to the MATES-V cumulative TAC-source cancer risk noted above, other new or proposed potential TAC-generating projects (related projects) in the Project area not included in the MATES V study could contribute to cumulative TAC impacts. The SCAQMD has published a white paper on addressing cumulative impacts from air pollution.⁹ The white paper recommends a 1,000-foot distance from a proposed project to identify other development projects that could contribute to cumulative impacts.¹⁰ The 1,000-foot evaluation distance is supported by research-based findings concerning TAC emission dispersion rates from roadways and large sources, showing that emissions diminish substantially between 500 and 1,000 feet from emission sources. While the cumulative analysis incorporates future emissions within 1,000 feet of the source, the project-specific and cumulative significance thresholds of 10 in one million remain the same.

Section 3.2, *Cumulative Analysis*, discusses the cumulative analysis of the Project further.

2.2 Health Risk Estimation Methodology

Cancer Risk

Cancer risks are estimated as the upper-bound incremental probability that an individual would 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). Cancer risk is expressed in terms of expected incremental incidence per million population. The SCAQMD has established an incidence rate of 10 persons per million as the maximum acceptable incremental cancer risk due to DPM exposure.

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

9 South Coast Air Quality Management District (SCAQMD). (2003). *White Paper on Potential Control Strategies to Address Cumulative Impacts from Air Pollution*.

10 South Coast Air Quality Management District (SCAQMD). (2019). *CEQA Comment Letter, Mitigated Negative Declaration (MND) for the Proposed Alder II Warehouse Project*. <http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2019/january/SBC181221-08.pdf?sfvrsn=8>.

This threshold serves to determine whether a given project has a potentially significant project-level and cumulative-level impact. The threshold of 10 in one million implies a likelihood that up to 10 persons out of one million, equally exposed, would develop cancer if exposed continuously to the levels of toxic air contaminants 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 these air toxins.

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: third trimester to birth, and 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.¹¹ 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 AERMOD air dispersion model:¹²

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

Where:

$Dose_{air}$ = 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)

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 fraction of time spent at home (FAH, for sensitive/residential receptors only) divided by averaging time (AT) to arrive at an estimate of cancer risk:

$$\text{Cancer Risk} = Dose_{air,i} \times CPF \times ASF_i \times ED_i \times FAH_i / AT \quad (EQ-2)$$

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.

$Dose_{air,i}$ = inhalation dose through inhalation (mg/kg-day)

CPF = inhalation cancer potency factor ($\text{mg}/\text{kg-day}$)⁻¹

ASF_i = age sensitivity factors (see Table 1)

¹¹ California Office of Environmental Health Hazards Assessment. (2015). *Risk Assessment Guidelines, Guidance Manual for Preparation of Health Risk Assessments*. Page 8-6.

¹² See Section 1.4, *Purpose of Report*, for AERMOD.

ED_i = exposure duration (years)—see Table 1

AT = averaging time of lifetime cancer risk (70 years or 25550 days)

FAH_i = fraction of time spent at home—see Table 1

n = number of age groups

For purposes of this HRA, the operational 30-year exposure duration for sensitive/residential receptors, consistent with the OEHHA/SCAQMD guidance, was assumed to span the time period of the third trimester pre-birth in 2026 (the Project's opening year) to the year 2056. 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 child exposure (third trimester pre-birth to 9 years), and an adult exposure (30 years). While the operation of the Project does utilize the OEHHA recommended 30-year exposure, the Project's construction duration is expected to only span 1.21 years, thus the construction health risk impact is only calculated across the 1.21 years of construction. From the third trimester pre-birth in 2026, to the year of construction completion, in 2027.

Table 1 provides the values for the various cancer risk parameters shown in equations EQ-1 and EQ-2 for the receptor groups examined in this assessment for both construction and operation of the Project. 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 ¹ (ED) (Years)		Age Sensitivity Factors (ASF)	Time at Home (TAH)	Daily Breathing Rate _a (DBR) (L/kg-day)
	Construction		Operation		Construction	Operation			
	Hours/Day	Days/Year	Hours/Day	Days/Year					
Sensitive/Residential Receptor – Pre-birth to Adult (30-year duration)									
3 rd Trimester to Birth	8	250	24	350	0.25	0.25	10	1.0	361
0 to 2 years	8	250	24	350	0.96	2	10	1.0	1,090
2 to 16 years	8	250	24	350		14	3	1.0	745
16 to 30 years	8	250	24	350		14	1	0.73	335
Sensitive Receptor/Residential Child (9-year duration)									
3 rd Trimester to Birth	8	250	24	350	0.25	0.25	10	1.0	361
0 to 2 years	8	250	24	350	0.96	2	10	1.0	1,090
2 to 9 years	8	250	24	350		7	3	1.0	861
Sensitive Receptor/Residential Receptor – Adult (30-year duration)									
17 years and older	8	250	24	350	1.21	30	1	0.73	335
Worker Receptor (25-years duration)									
17 years and older	8	250	8	350	1.21	25	1		230

^a Daily breathing rates are representative of the 95th percentile for sensitive/residential receptors.

(L/kg-day) = liters per kilogram body weight per day

Source: SCAQMD Rule 1401

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 1.0 or greater.¹³ An HI of less than 1.0 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 concentration ($\mu\text{g}/\text{m}^3$)

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

As predicted by the air dispersion model, annual concentrations of DPM are used to estimate chronic non-cancer hazards. The OEHHA has defined an REL for DPM of $5 \mu\text{g}/\text{m}^3$.

2.3 Estimation of Project DPM Emissions

Construction DPM Emissions

Construction emissions were calculated using CalEEMod Version 2022.1. DPM construction emissions were based on the CalEEMod construction runs for the proposed construction schedule and equipment inventory, using exhaust PM_{10} construction emissions to represent DPM emissions. Construction-related DPM emissions are expected to primarily occur as a function of heavy-duty equipment that would operate on-site during the construction phase. Additional DPM emissions would occur from the operation of construction vehicles that travel to/from the Project during construction (vendor trucks and worker vehicles). This analysis conservatively assumes that all haul and vendor trucks would use diesel fuel. The travel links used to estimate the construction DPM emissions were:

- 75% of trucks would enter and exit the site through Massachusetts Avenue to the Project center, travel west via Massachusetts Avenue, south via Chicago Avenue, then West via 3rd Street to Interstate 215 (I-215).
- 25% of trucks would enter and exit the site through Roberta Avenue to the Project center, travel north via Kansas Avenue, then west via Spruce Avenue to State Route 91 (SR-91).

These travel link assumptions can be found in Table 11 and Appendix C.1.

¹³ SCAQMD. (2023). *South Coast AQMD Air Quality Significance Thresholds*. <https://www.aqmd.gov/docs/default-source/ceqa/handbook/south-coast-aqmd-air-quality-significance-thresholds.pdf?sfvrsn=25>.

Construction Equipment Emission Inventory Development

The first requirement to conduct the HRA involves identifying and quantifying the sources of construction DPM air emissions from the Project, also termed an emissions inventory. Each piece of equipment that emits DPM is identified in terms of its location and physical characteristics (release height, release temperature, etc.) and the chemical nature of the emissions. The predominant sources of DPM emissions resulting from the construction of the Project derive from the heavy-duty diesel trucks that travel to, from, and within the Project site each day, as well as the off-road construction equipment used during the six construction phases: demolition, site preparation, grading, building construction, paving, and architectural coating. The Project's DPM exhaust emissions were calculated using the PM₁₀ exhaust emissions calculated from CalEEMod. Table 2, *Construction Schedule*, presents the Project's construction schedule and Table 3, *Proposed Project Construction Equipment Inventory*, shows the Project's proposed construction equipment. Table 4, *Proposed Construction Vehicle Use*, shows the proposed construction vehicle use for worker and vendor trips. Total hauling trips for demolition, site preparation, and grading phases are featured in Table 4 are calculated off-model and incorporate the anticipated soil import and export trips for the construction of the Project. Table 5, *Project On-Site and Off-Site Construction Source DPM Daily Emissions*, depicts the maximum daily DPM emissions of the Project's construction. Figure 3, *Locations of the Project's Construction On-Site and Off-Site DPM Emission Sources*, provides the locations of the on-site and off-site construction DPM emission sources.

Table 2: Construction Schedule

Activity	Start Date	End Date	Total Working Days
Demolition	1/1/2026	1/29/2026	20
Site Preparation	1/30/2026	2/13/2026	10
Grading	2/14/2026	3/28/2026	30
Building Construction	3/29/2026	1/1/2027	200
Paving	1/4/2027	1/29/2027	20
Architectural Coating	2/1/2027	3/19/2027	35

Source: See CalEEMod Output in Appendix A

Table 3: Proposed Project Construction Equipment Inventory

Activity	Equipment	Number per day	Hours per day	Horse-power	Load Factor
Demolition	Concrete/Industrial Saws	1	8	33	0.73
	Excavators	3	8	36	0.38
	Rubber Tired Dozers	2	8	367	0.4
Site Preparation	Rubber Tired Dozers	3	8	367	0.4
	Crawler Tractors	4	8	87	0.37
Grading	Excavators	2	8	36	0.38
	Graders	1	8	148	0.41
	Rubber Tired Dozers	1	8	367	0.4
	Scrapers	2	8	87	0.48
	Crawler Tractors	2	8	84	0.37
Building Construction	Cranes	1	8	367	0.29
	Forklifts	3	8	82	0.2
	Generator Sets	1	8	14	0.74
	Tractors/Loaders/Backhoes	3	8	84	0.37
	Welders	1	8	46	0.45
Paving	Pavers	2	8	81	0.42
	Paving Equipment	2	8	89	0.36
	Rollers	2	8	36	0.38
Architectural Coating	Air Compressors	1	8	37	0.48

Source: See CalEEMod Output in Appendix A

Table 4: Proposed Construction Vehicle Use

Activity	Daily Worker Trips ¹	Daily Vendor Trips ¹	Total Haul Trips ²
Demolition	15	0	2,223
Site Preparation	18	0	63
Grading	20	0	1,130
Building Construction	84	33	0
Paving	15	0	0

Source: See CalEEMod Output in Appendix A.

¹ One-way trips per day.

² Total trips over entirety of Project construction phase, total haul trips were calculated off-model based on the import/export volumes to and from the Project site.

Table 5: Project On-Site and Off-Site Construction Source DPM Daily Emissions

Activity	Work Days	On-Site	Off-Site	Total
		Maximum Daily DPM Emissions (pounds/day)	Maximum Daily DPM Emissions (pounds/day)	Maximum Daily Construction Emissions (pounds/day)
2026				
Demolition	20	0.84	0.41	
Site Preparation	10	1.77	0.02	
Grading	30	1.38	0.50	
Building Construction	200	0.41	0.01	
Maximum Daily Construction Emissions 2026		1.77	0.41	2.18
2027				
Paving	20	0.30	<0.01	
Architectural Coating	35	0.03	<0.01	
Maximum Daily Construction Emissions 2027		0.30	<0.01	0.30
2026-2027 Maximum Daily Construction Emissions (pounds/day)				2.18

Source: See Data Attachment in Appendix C.1

Figure 3: Locations of the Project's Construction On-Site and Off-Site DPM Emission Sources



Operational DPM Emissions

An emissions inventory is also identified and quantified for the Project's operational DPM air emissions sources. The predominant sources of DPM emissions resulting from the operation of the Project would be derived from the heavy-duty diesel trucks that would travel to and from and within the Project site each day. Additional DPM emissions would result from the operation of the transportation refrigeration units, stationary emergency generator set, as well as the diesel fire pump. Details of these emission sources can be found in Table 11, *Summary of Construction and Operational Emissions Source Configuration*. As previously stated, while existing development on the Project site generates diesel emissions, this report conservatively analyzes the Project from ground up. Emissions calculated below are estimates of Project-only emissions, without taking credit for any emissions from the existing development.

Estimation of Mobile Source Emissions

Estimates of mobile source emissions are based on an emission factor and an activity level. An emission factor quantifies the amount of air emission for a specific activity, such as a gram of DPM (as PM₁₀ exhaust) emitted per vehicle mile traveled or per hour of idling, while the activity level is defined as the vehicle trip, number of miles traveled, or the amount of time a vehicle spends idling.

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 CARB EMFAC2021 mobile source emission model provides emission rates for user-defined heavy-duty truck speeds, fuel type, vehicle class, and model year.¹⁴

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

$$\text{Running Exhaust Emissions}_{\text{RE}} = \sum_{i=1}^n (\text{VMT}_i \times \text{EF}_i)$$
$$\text{Idling Emissions}_{\text{ID}} = \sum_{i=1}^n (\text{IdNum}_i \times T_i \times \text{EF}_i)$$

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)

¹⁴ California Air Resources Board. *EMFAC Project Analysis*. <https://arb.ca.gov/emfac/project-analysis>

n = Number of vehicle classes

i = Vehicle class

2.4 Mobile Source Activity Levels

The motor vehicle activity levels were estimated using the vehicle trip information provided in the Vehicle Miles Traveled (VMT) Screening Analysis prepared for the proposed Project.¹⁵ Table 6, *Project Daily Operational Vehicle Trips*, summarizes the daily motor vehicle trips from the Project based on information derived from the Project Trip Generation Report. The trip rate estimate shown at the top of Table 6 refers to both gasoline and diesel-fueled vehicles. Table 6 presents the percentage of diesel vehicle trips by heavy-duty vehicle class for Riverside County South Coast sub-area in 2027, as derived from the EMFAC2021 mobile source emission model, applied to the Project. Table 7, *Diesel Heavy-Duty Truck Vehicle Fleet*, presents the diesel vehicle percentages provided in the EMFAC2021 emission model and Table 8, *Daily Project Diesel Truck Vehicle Trips*, presents the number of heavy-duty diesel trips for the Project operation based on the total number of vehicle trips. Calculation details can be found in the data attachment in Appendix C.2.

Table 6: Project Daily Operational Vehicle Trips

Building 1		
Land Use: Area	Percentage of Trips (%)	Trip Rate (trips/TSF)
Unrefrigerated Warehousing: 79,920 SF	80	4.87
Refrigerated: 19,980 SF	20	4.87
Fleet Mix	Percentage of Fleet (%)	Vehicle Trips per Day
Passenger Cars (LDA, LDT1, LDT2, MDV)	64.90	316
2-axle Trucks (LHDT1, LHDT2)	12.18	59
3-axle Trucks (MHDT)	3.86	19
4-axle Trucks (HHDT)	19.09	93
Building 1 Total	100	487
Building 2		
Land Use: Area	Percentage of Trips (%)	Trip Rate (trips/TSF)
Nonrefrigerated: 79,920 SF	80	4.87
Refrigerated: 19,980 SF	20	4.87
Fleet Mix	Percentage of Fleet (%)	Vehicle Trips per Day
Passenger Cars (LDA, LDT1, LDT2, MDV)	64.90	316
2-axle Trucks (LHDT1, LHDT2)	12.18	59
3-axle Trucks (MHDT)	3.86	19
4-axle Trucks (HHDT)	19.09	93
Building 2 Total	100	487
PROJECT TOTAL		974

LDA: light duty automobile

LDT1/LDT2: light duty trucks

MDV: medium duty vehicle

LHDT1/LHDT2: light heavy-duty trucks;

MHDT: medium heavy-duty trucks

HHDT: heavy heavy-duty trucks

Source: See Data Attachment in Appendix C.2

¹⁵ EPD Solutions, Inc. (2024). *Auto Center Drive VMT Screening Analysis*.

Table 7: Diesel Heavy-Duty Truck Vehicle Fleet

Type of Vehicle	Diesel Fuel Vehicles (% of Vehicle Trips)
Light heavy-duty truck (LHDT1)	100.0*
Light heavy-duty truck (LHDT2)	100.0*
Medium heavy-duty truck (MHDT)	100.0*
Heavy heavy-duty truck (HHDT)	100.0*

* Trip percentages for LHDT1, LHDT2, MHDT, and HHDT were assumed to be 100% diesel fleets to provide a conservative analysis of the DPM impacts.

Source: See Data Attachment in Appendix C.2

Table 8: Daily Project Diesel Truck Vehicle Trips

Type of Vehicle	Daily Diesel Vehicle Trips
Light heavy-duty truck (LHDT1)	92
Light heavy-duty truck (LHDT2)	26
Medium heavy-duty truck (MHDT)	38
Heavy heavy-duty truck (HHDT)	186
Total	342

Source: See Data Attachment in Appendix C.2

DPM Truck Emission Factors

The DPM (as PM₁₀ exhaust) emission factors were derived from the CARB EMFAC2021 model within the Riverside County South Coast sub-area for the Project's opening year of 2027.¹⁶ The model retrieved mobile source emissions in terms of grams per mile (grams/vehicle miles traveled [VMT]) for the running exhaust emissions and grams per idle-hour (g/idle-hr) for idling emissions. The emission factors used in this analysis overstate the potential impacts of the proposed Project, as heavy-duty truck emissions are expected to decrease in future years due to the requirement to comply with existing and future emission regulations requiring vehicle fleet replacement with cleaner technologies.

Transportation refrigeration units (TRUs) are small diesel-fueled engines placed on trucks or trailers to refrigerate perishable products. This analysis assumed that up to 20% of the industrial floor space, resulting in 39,960 SF of the Project's total square footage, could potentially be devoted to refrigeration use. Thus, 20% of all heavy-duty diesel trucks were assumed to be equipped with a TRU. DPM emissions from the TRUs were estimated for travel within the Project site, while idling at the loading docks, and traveling beyond the Project site along the assumed pathway network.

¹⁶ California Air Resources Board. (2021). *Measures for Reducing Emissions from On-Road Heavy Duty Vehicles*. <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>

The emissions derived assume every truck, including TRU trucks, accessing the Project site would idle for 15 minutes at the loading docks as a reasonable and conservative overestimate of the time to unload/load product. The CARB's anti-idling requirements impose a 5-minute maximum idling time on trucks over 10,000 pounds, and therefore the analysis conservatively overestimates DPM emissions from idling by a factor of three. DPM emissions for idling trucks were also derived from the CARB EMFAC 2021 emissions model for the Riverside County South Coast sub-area in 2027. The data attachment in Appendix C.2 presents the data and assumptions for estimating the truck emissions. Table 9 presents the DPM (as PM₁₀ exhaust) emission factors that were applied in this HRA.

Table 9: 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/idle-hr)
Light heavy-duty truck (LHDT1)	0.788	0.089	0.042
Light heavy-duty truck (LHDT2)	0.793	0.083	0.040
Medium heavy-duty truck (MHDT)	0.038	0.024	0.006
Heavy heavy-duty truck (HHDT)	0.012	0.024	0.006

Notes: g/idle-hr = grams per idle-hour, g/mi = grams per mile, mph = miles per hour

Source: See Data Attachment in Appendix C.2

The Project's operational heavy-duty diesel truck emissions were estimated for vehicle travel while on the Project site and off-site, as the Project's vehicles travel on the local roadway network. All vehicles were assumed to travel at 5 miles per hour while traveling on-site between the two buildings' dock doors, the Kansas Avenue driveway, and eastern drive link, connecting Massachusetts Avenue and Roberta Street. Once exited and traveling off-site, the vehicles were analyzed as traveling at 25 miles per hour. Figure 4, *Locations of the Project's Operational On-Site and Off-Site DPM Emission Sources*, provides the locations of the operational on-site and off-site DPM emission sources.

Figure 4: Locations of the Project's Operational On-Site and Off-Site DPM Emission Sources



2.5 Atmospheric Dispersion Methodology

Atmospheric dispersion modeling is the mathematical simulation of how air pollutants disperse in the ambient atmosphere. The modeling is performed with AERMOD, using a set of mathematical equations that describe the physical processes affecting atmospheric pollutant dispersion, such as turbulence, mixing, and low-level surface effects, providing predictions of pollutant concentrations. 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).

Tables 10 and 11 provide the general assumptions applied in the AERMOD model (Version 23132). The AERMOD output sheets can be found in Appendix B.1 and B.2 for construction and operation, respectively.

Table 10: General Modeling Assumptions

Feature	Assumption
Terrain Processing	Complex terrain; elevations were obtained for the Project site using the EPA AERMAP terrain data pre-processor Version 24142; Data sets: 90_33_75m NAD27
Land Use	Urban based on land use patterns surrounding the Project site
Meteorological Data	Riverside Airport for the years 2019 to 2023
Receptor Locations	A nested receptor grid network was used to include all existing residences and worker locations surrounding the Project site and along the offsite truck routes. Receptors placed a ground-level.
Population	City of Riverside: ~ 318,858.
Building Profile Heights	A height of 45 feet was assumed as the Project building heights and 35 feet for the Existing building heights.

Source: See Data Attachment in Appendix B.1-B.2

Table 11: Summary of Construction and Operational Emissions Source Configuration

Emission Source Type	Geometric Configuration	Relevant Assumptions
Construction Sources	Polygon Area Source	- Size of the construction area source was the size of the Project area to be constructed (approximately 11 acres). - Construction equipment emission source release height – 5 meters (16.4 feet). - Emissions generated from the Project's CalEEMod model. See Appendix A attachment. - Offsite construction vehicles height: 11 meters (10.2 feet) and plume height 6.2 meters (20.4 feet) (EPA Haul Roads Calculator) - Construction operations: 5 days per week, 8 hours per day.

Emission Source Type	Geometric Configuration	Relevant Assumptions
Construction Diesel Vehicle Traffic	Line Area Source	- Line source: height – 3.11 meters (10.2 feet) and plume height 6.2 meters (20.4 feet) (EPA Haul Roads Calculator); - Construction Travel Routes: - Project site center <i>to/from</i> Loc 12 Driveway <i>to/from</i> I-215. (75%) - Project site center <i>to/from</i> Loc 8 Driveway <i>to/from</i> SR-91. - All heavy-duty trucks (LHDT1&2, MHDT, and HHDT) assumed to be diesel-engines. - Emission factor: ARB EMFAC 2021; DPM (as PM₁₀ exhaust) emission factors at 5 mph for 2027 for the Riverside County – South Coast; no credit for future emission factor reductions. - Construction operations: 5 days per week, 8 hours per day.
Operational On-Site Diesel Truck Idling	Point Sources distributed along loading docks	- Stack release height: 3.66 meters (12 feet). - Idle time: 15 minutes per truck per day. - TRUs assumed to operate for 4 hours at the loading docks - Assumed that 20% of all heavy-duty trucks operate with a TRU in accordance with the assumption that 20% of the building floor space is devoted to cold storage - DPM emission rate: 0.2 grams/hp-hr based on OFFROAD2021. - Vehicle type: heavy-duty diesel haul trucks. - Emission factor: ARB EMFAC 2021 for Riverside County – South Coast. - Operations: 24 hours, 7 days a week.
Operational On-Site Vehicle Traffic	Line Area Source	- Stack release height: 3.11 meters (10.2 feet) with a plume height of 6.2 meters (20.4 feet) (EPA Haul Roads Calculator) - Emission factor: ARB EMFAC 2021; DPM (as PM₁₀ exhaust) emission factors at 5 mph for heavy-duty diesel trucks in 2027 for the Riverside County – South Coast; no credit for future emission factors - Vehicle type: all heavy-duty trucks. - Vehicle type: all heavy-duty trucks. - Assumed that 20% of all heavy duty trucks operate with a TRU in accordance with the assumption that 20% of the building floor space is devoted to cold storage. DPM emission rate: 0.2 grams/hp-hr based on OFFROAD2021. - On-Site Truck Routes: - On-Site 1: West (Loc 10) <i>to/from</i> Building 1. (17.5%) - On-Site 2: West (Loc 10) <i>to/from</i> Building 2. (17.5%) - On-Site 3: Northeast (NE) (Loc 8) <i>to/from</i> Building 1. (12.5%) - On-Site 4: NE (Loc 8) <i>to/from</i> Building 2. (12.5%) - On-Site 5: Southeast (SE) (Loc 12) <i>to/from</i> Building 1. (20%) - On-Site 6: SE (Loc 12) <i>to/from</i> Building 2. (20%)

Emission Source Type	Geometric Configuration	Relevant Assumptions
Operational Off-Site Vehicle Traffic	Line Area Sources	- Stack release height: 3.11 meters (10.2 feet) with a plume height of 6.2 meters (20.4 feet) (EPA Haul Roads Calculator). - Emission factor: ARB EMFAC 2021; DPM (as PM₁₀ exhaust) emission factors at 25 mph for heavy-duty diesel trucks in 2027 for the Riverside County – South Coast; no credit for future emission factors - Vehicle type: all heavy-duty trucks. - Assumed that 20% of all heavy duty trucks operate with a TRU in accordance with the assumption that 20% of the building floor space is devoted to cold storage. DPM emission rate: 0.2 grams/hp-hr based on OFFROAD2021. - Off-Site Truck Routes: - Off-Site 1: Project Site's West (Loc 10) to/from Kansas Avenue to/from Massachusetts Avenue to/from Chicago Avenue to/from 3rd Street to/from I-215. (75%) - Off-Site 2: Project Site's NE (Loc 8) to/from Roberta Street to/from Spruce Street to/from SR-91. (25%) - Operations: 24 hours, 7 days a week.
Emergency Generator	Point Source	238 horsepower (hp). 73% load factor. - Emissions based on a 200-hour year usage as max allowed usage as per SCAQMD Rule 1110.2. - DPM emission rate: 0.15 g/hp-hr from the CalEEMod model.
Fire Pump	Point Source	238 horsepower (hp). 73% load factor. - Emissions based on a 50-hour/year usage for maintenance and testing as per SCAQMD Rule 1470. - DPM emission rate: 0.15 g/hp-hr from the CalEEMod model.

Source: See Data Attachment in Appendix B.1-B.2.

2.6 Receptors

The SCAQMD defines a sensitive receptor as 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. For the purpose of this HRA, sensitive receptors were placed within the air dispersion model at the locations of the closest existing residences and other establishments or residences nearest to the Project site that qualify as sensitive receptors. Receptor points were placed on existing residences, schools, healthcare facilities along the Project's travel routes, as well as the closest worker receptors to the Project's boundary. In addition, a uniform nested grid network of receptors was placed over the Project site to complete the receptor network. These receptors were used to evaluate the health risk during the Project's construction and operation, including on-site source emissions and along the off-site Project routes. The closest receptors to the Project site and the Project's on-site and off-site travel links approximate the maximum DPM emissions from the construction and operation of the Project and thus yield the highest cancer risk values. The closest sensitive receptors to the Project site include a short-term housing shelter located at 2801 Hulen Place approximately 67.3 meters (221 feet) east of the Project's site, and a

single-family residence located at 1953 Spruce Street, approximately 212 meters (694 feet) northeast of the Project site. However, the nearest sensitive receptor site (2801 Hulen Place) was determined to house individuals for a maximum of 90 days. This maximum stay of 90 days would result in a temporary and marginal exposure to the Project's construction and operational DPM emissions to any one at this receptor, in comparison to the nearest residential receptor's (1953 Spruce Street) exposure to construction DPM emissions spanning a period of 1.21 years and the operational lifetime exposure of 30 years. Thus, the Project's DPM emissions would not result in a greater health risk impact to the nearest sensitive receptor at 2801 Hulen Place, would not than any one residential receptor

While the nearest residential receptor is the single-family residence located at 1953 Spruce Street, approximately 212 meters northeast of the Project site, the most impacted residential sensitive receptor was found to be a residence located at the northwest corner of Massachusetts Avenue and Chicago Avenue, approximately 574.5 meters (1,885 feet) east of the Project site. This result of higher concentrations at a farther receptor can occur if factors like plume rise, wind direction, atmospheric stability, terrain, or area source shape cause the pollutant to disperse and settle more effectively downwind, than at a receptor nearer to the site. The nearest worker receptor is located 40 feet away, at a commercial building west of the Project boundary line. Figure 5 shows the receptor locations included for both the construction and operational health risk estimation. Figure 6, *Locations of Impacted Receptors*, presents the impacted-receptor locations, including the nearest sensitive receptor, nearest work receptor, and the residential receptors, including the maximally impacted receptor.

Figure 5: Locations of Air Dispersion Model Receptors

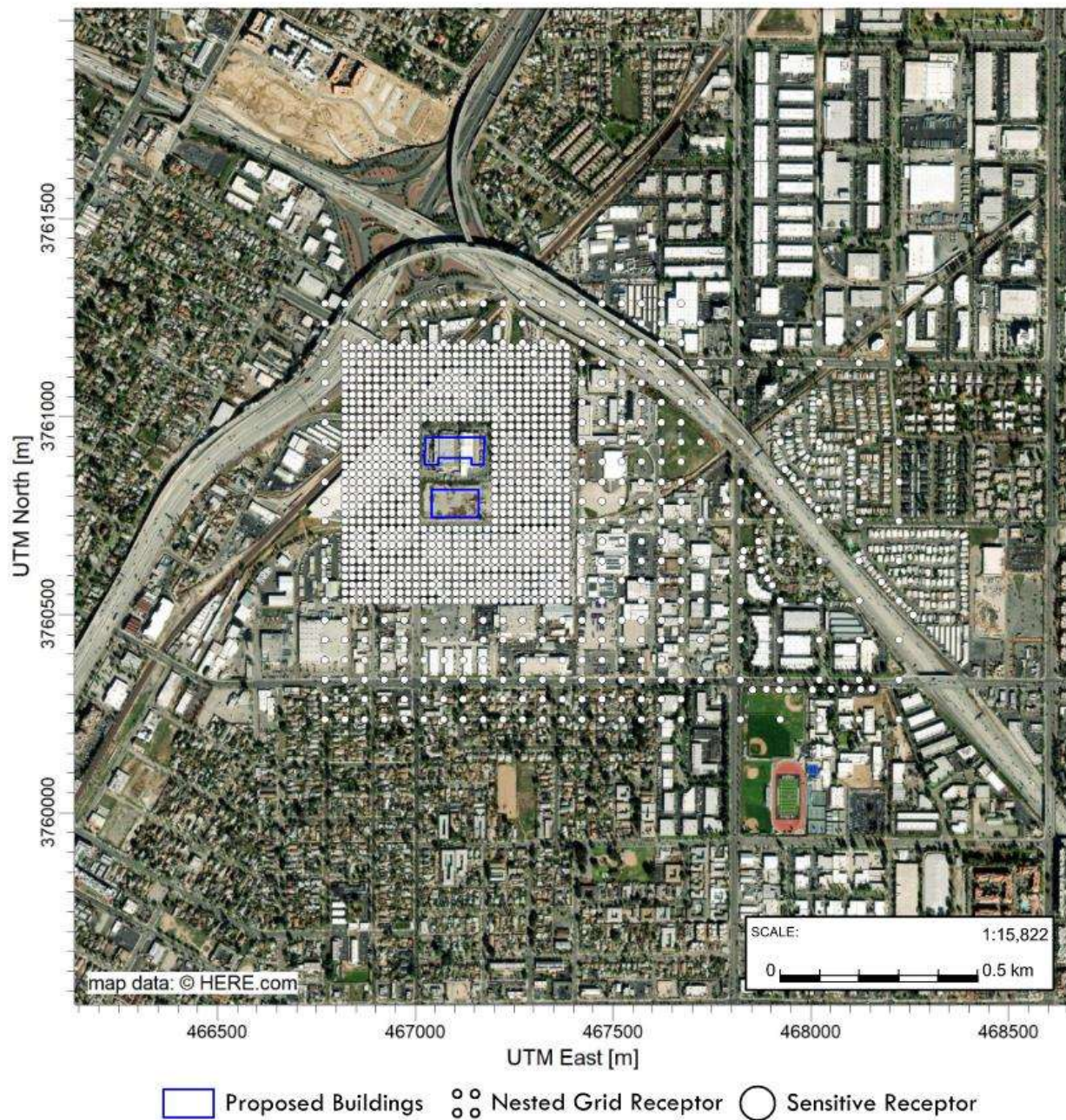


Figure 6: Locations of Impacted Receptors



3 RESULTS OF THE HEALTH RISK ASSESSMENT

3.1 Project-Level Risk Results

Tables 12, 13, and 14 present a summary of the cancer risks resulting from the Project's construction, operation, and combined DPM emissions, respectively, along with the SCAQMD health risk significance thresholds. As shown in Tables 12 and 13, the estimated maximum cancer risks for construction and operation are 0.63 and 5.59 in one million, respectively, for sensitive/residential receptors. The estimated maximum cancer risks for worker receptors during construction and operation are 0.58 and 4.04 in one million, respectively. In addition, the Project's maximum estimated construction and operational results for non-cancer health risk are 0.04 and 0.01 (for the maximum impacted worker receptor), respectively, below the significance threshold of 1.0.

Table 14 presents the combined construction and operational cancer risk for the Project. The Project would result in a maximum cancer risk impact of 3.82 in one million at the nearest sensitive/residential receptor and a maximum cancer risk impact of 3.81 in one million for the nearest worker receptor. Neither the construction nor operational maximum cancer risk, or the combined construction and operational cancer risk impacts, would exceed the SCAQMD cancer health risk significance threshold of 10 in one million. Therefore, the Project would have a less-than-significant impact related to both cancer and non-cancer health risks. Figure 6 and Figure 7, *Construction Model Output* and *Operational Model Output*, respectively, display the total emission contour output for the Project's construction and operational models.

Table 12: Summary of Proposed Project Construction Health Risk

Receptor ⁽¹⁾	Cancer Risk (per million)		Exceeds Significance Threshold?
	Maximum Lifetime Proposed Project Risk	Significance Threshold	
Maximum Impacted Sensitive Receptor Prenatal to 1.21 years	0.63	10	No
Maximum Impacted Sensitive Receptor Prenatal to 1.21 years	0.63	10	No
Maximum Impacted Sensitive Receptor Adult (1.21 years)	0.01	10	No
Maximum Impacted Worker Receptor (1.21 years)	0.58	10	No
Receptor	Chronic Non-Cancer Hazard Index		Exceeds Significance Threshold?
	Maximum Lifetime Proposed Project Risk	Significance Threshold	
Maximum Impacted Sensitive Receptor	<0.01	1.0	No
Maximum Impacted Worker Receptor	0.04	1.0	No

Note:

⁽¹⁾ The maximum impacted sensitive receptor is located at an existing residences 574 meters east of the Project

The maximum impacted worker receptor is located in the industrial areas 10 meters to the east of the Project

Source: See Data Attachment in Appendix D.1

Table 13: Summary of Proposed Project Operational Health Risk

Receptor	Cancer Risk (per million)		Exceeds Significance Threshold?
	Maximum Lifetime Proposed Project Risk	Significance Threshold	
Maximum Impacted Sensitive Receptor Prebirth to 30 years	5.59	10	No
Maximum Impacted Sensitive Receptor Prebirth to 9 years	3.97	10	No
Maximum Impacted Sensitive Receptor Adult (30 years)	0.71	10	No
Maximum Impacted Worker Receptor (30 years)	4.04	10	No
Receptor	Chronic Non-Cancer Hazard Index		Exceeds Significance Threshold?
	Maximum Lifetime Proposed Project Risk	Significance Threshold	
Maximum Impacted Sensitive Receptor	<0.01	1.0	No
Maximum Impacted Worker Receptor	0.01	1.0	No

Note:

⁽¹⁾ The maximum **impacted** receptor is located at existing residences 574 meters east of the Project

The maximum impacted worker receptor is located in the industrial areas 10 meters to the east of the Project

Source: See Data Attachment in Appendix D.2

Table 14: Summary of Combined Project Construction and Operational Health Risk

Receptor ⁽¹⁾	Cancer Risk (per million)		Exceeds Significance Threshold?
	Maximum Lifetime Proposed Project Risk	Significance Threshold	
Maximum Impacted Sensitive Receptor Prebirth to 30 years	3.82	10	No
Maximum Impacted Worker Receptor (25 years)	3.81	10	No

Note:

⁽¹⁾ The maximum impacted receptor is located at existing residences 574 meters east of the Project

The maximum impacted worker receptor is located in the industrial areas 10 meters to the east of the Project

Figure 7: Construction Model Output

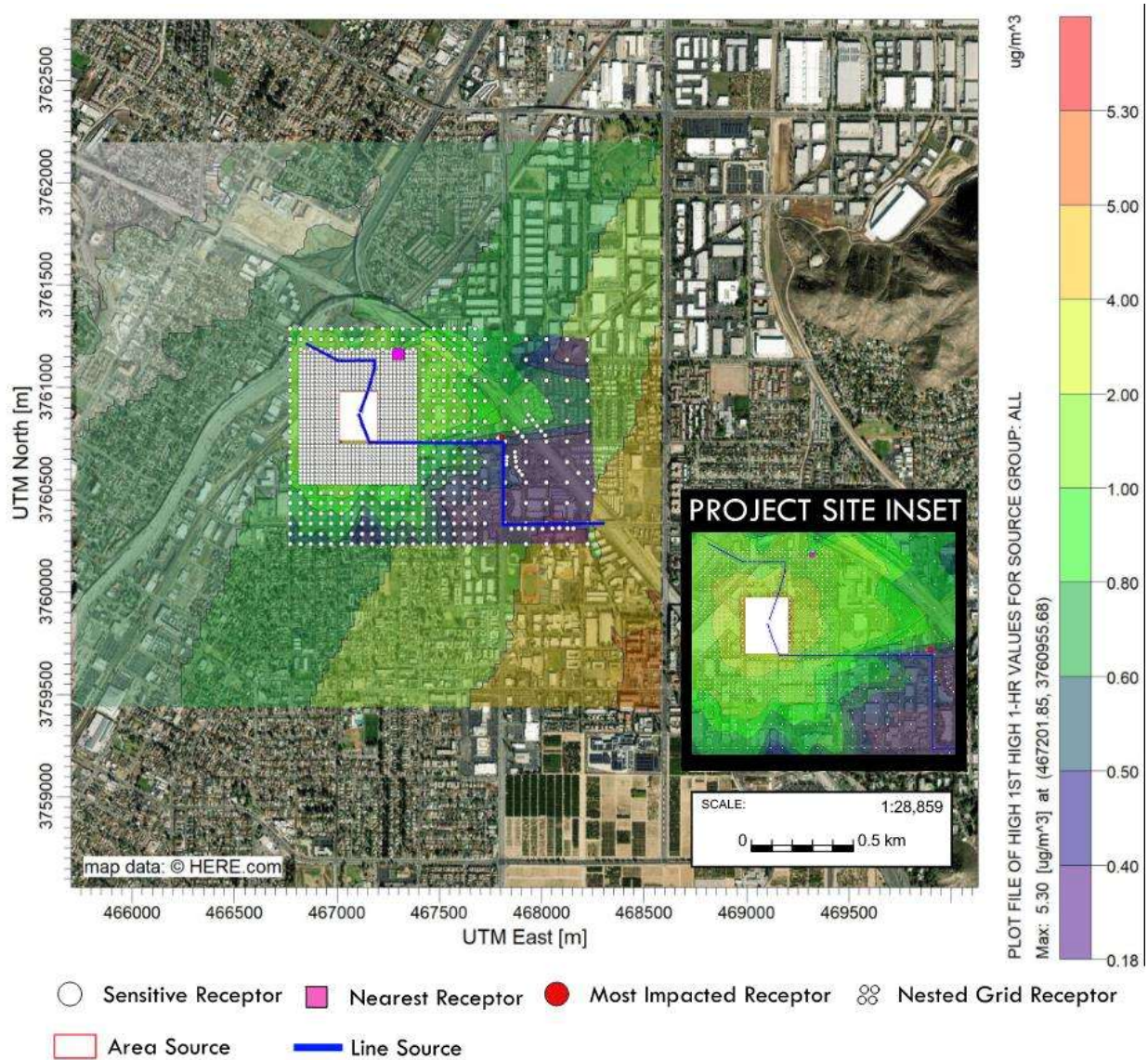
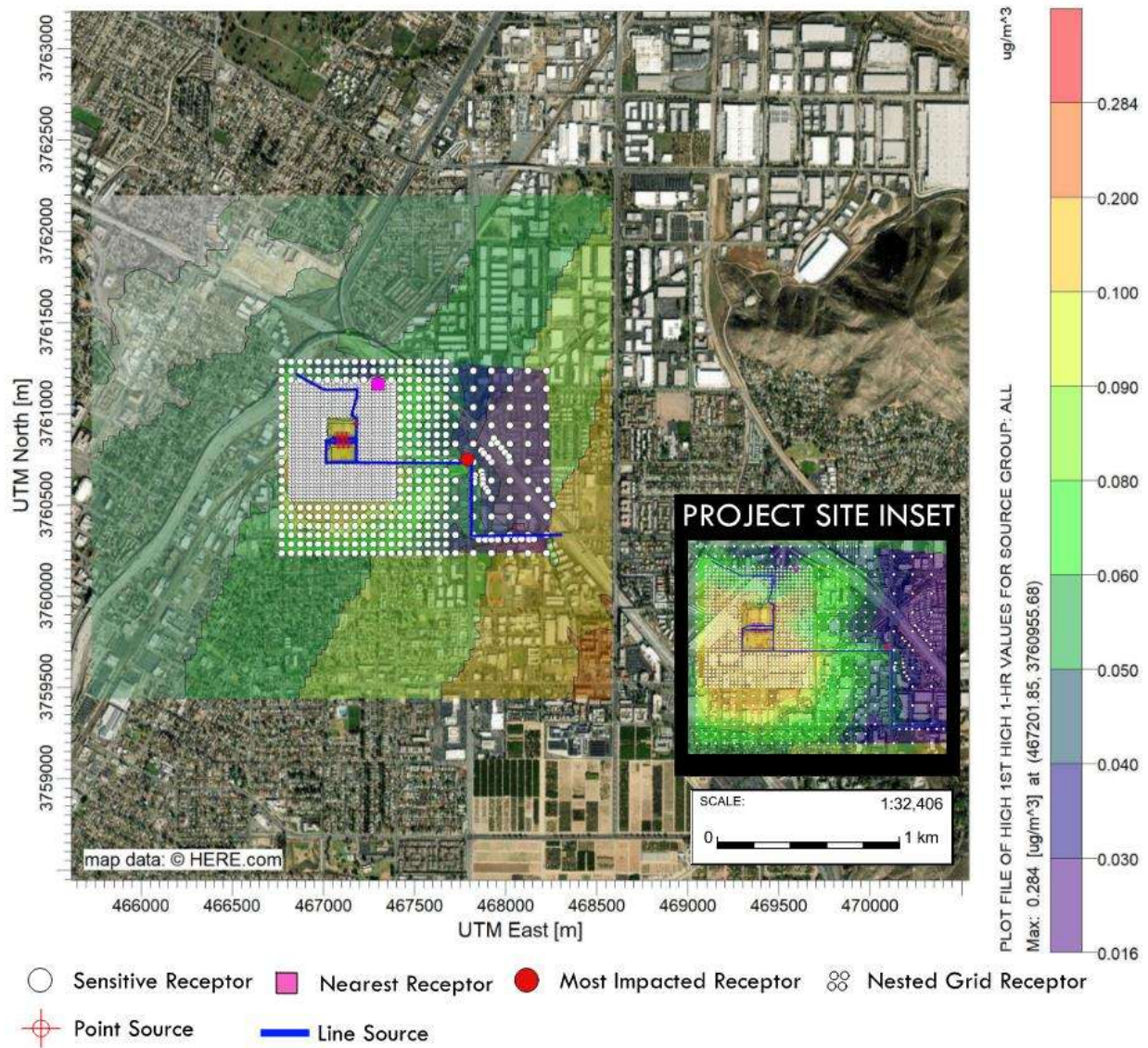


Figure 8: Operational Model Output



3.2 Cumulative Analysis

As discussed in Section 2.1, *SCAQMD Significance Thresholds*, the SCAQMD has applied a 1,000-foot distance from a proposed project to identify other development projects that could contribute to cumulative impacts with the proposed project. The search radius for this Project was extended to 0.25 miles (1,320 feet) to identify potential cumulative sources. There are two potentially concurrent projects within 0.25 miles of the Project, both located near 2610 Durahart Street. These projects include: 1) an outdoor storage facility, inclusive of a 4,000 square-foot office building and a 2,000 square-foot workshop; and 2) an outdoor storage yard consisting of 52 truck trailer stalls.

The Traffic Impact Analysis for this Project¹⁷ prepared a trip generation for proposed development projects within a 2-mile radius of the Project site. The two projects described above are estimated to result in a daily trip generation of 53 passenger vehicle and trucks and 49 passenger vehicle and trucks, respectively. These two projects were estimated to not generate over 100 truck trips per day. Pursuant to CARB's guidance¹⁸, a cumulative health risk assessment would not be required for projects under this threshold. In addition, as described in Section 2.1, *SCAQMD Significance Thresholds*, project-specific thresholds were established at levels intended to reduce cumulative health risk impacts. Therefore, project-specific thresholds are the same as cumulative thresholds. Since the Project would not exceed project-level thresholds, and there are no projects within the 0.25-mile buffer that warrant a cumulative analysis, the Project would also have a less-than-significant cumulative impact to cancer and non-cancer risks.

¹⁷ EPD Solutions, Inc. 2025. *Massachusetts Point Traffic Impact Analysis*.

¹⁸California Air Resources Board. 2005. *Table 1-1: Recommendations on Siting New Sensitive Land Uses Such As Residences, Schools, Daycare Centers, Playgrounds, or Medical Facilities*. Air Quality and Land Use Handbook: A Community Health Perspective. Referenced February 2025, from <https://www.aqmd.gov/docs/default-source/ceqa/handbook/california-air-resources-board-air-quality-and-land-use-handbook-a-community-health-perspective.pdf>

4 CONCLUSION

The emissions from the Project's construction, operation, and combined construction and operation would not result in cancer health risks that exceed the lifetime cancer risk threshold of 10 in one million at the maximum impacted sensitive receptor. The Project's emissions for construction and operational impacts would also not result in a non-cancer risk greater than the 1.0 non-cancer HI threshold. The Project's maximum construction, operational, and combined health risk results are summarized below.

Maximum Project Construction Health Risk Results:

- Sensitive/residential receptor for the 30-year lifetime exposure duration: 0.54 in one million
- Worker receptor: 0.58 in one million
- Sensitive receptor chronic non-cancer HI: <0.01
- Worker receptor chronic non-cancer HI: 0.04

Maximum Project Operational Health Risk Results:

- Sensitive/residential receptor for the 30-year lifetime exposure duration: 5.59 in one million
- Worker receptor: 4.04 in one million
- Sensitive receptor chronic non-cancer HI: <0.01
- Worker receptor chronic non-cancer HI: 0.01

Combined Project Construction and Operational Cancer Risk Results:

- Sensitive/residential receptor for the 30-year exposure duration: 3.82 in one million
- Worker receptor: 3.81 in one million

The Project's individual construction and operational, and combined construction and operational health risk results would not exceed the SCAQMD significance threshold of 10 in one million, nor would it exceed the HI threshold of 1.0. Therefore, the construction and operation of the proposed Project would result in a less-than-significant project-level and cumulative-level impact for cancer and non-cancer health risk.

*APPENDIX A – CALEEMOD OUTPUT FOR PROJECT CONSTRUCTION AND
OPERATION*

24-113 Massachusetts Riverside PM10E Detailed Report

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5.3. Construction Vehicles

5.3.1. Unmitigated

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

5.5. Architectural Coatings

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

5.6.2. Construction Earthmoving Control Strategies

5.7. Construction Paving

5.8. Construction Electricity Consumption and Emissions Factors

5.9. Operational Mobile Sources

5.9.1. Unmitigated

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

5.10.3. Landscape Equipment

5.11. Operational Energy Consumption

5.11.1. Unmitigated

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

5.13. Operational Waste Generation

5.13.1. Unmitigated

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	24-113 Massachusetts Riverside PM10E
Construction Start Date	1/1/2026
Operational Year	2027
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.20
Precipitation (days)	14.2
Location	33.98719479573735, -117.35639090186527
County	Riverside-South Coast
City	Riverside
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5400
EDFZ	11
Electric Utility	City of Riverside
Gas Utility	Southern California Gas
App Version	2022.1.1.30

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
General Heavy Industry	160	1000sqft	4.88	159,880	52,534	—	—	—

Parking Lot	261	Space	2.35	0.00	0.00	—	—	—
Other Asphalt Surfaces	2.07	Acre	2.07	0.00	0.00	—	—	—
User Defined Industrial	200	User Defined Unit	0.00	0.00	0.00	—	—	—
Refrigerated Warehouse-No Rail	40.0	1000sqft	0.92	39,970	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Unmit.	1.53	12.1	20.4	0.03	0.42	1.80	0.73	4,848
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Unmit.	54.7	44.9	32.2	0.18	1.79	24.1	5.40	25,739
Average Daily (Max)	—	—	—	—	—	—	—	—
Unmit.	5.32	12.8	15.2	0.04	0.47	2.93	1.02	4,991
Annual (Max)	—	—	—	—	—	—	—	—
Unmit.	0.97	2.33	2.78	0.01	0.09	0.53	0.19	826
Exceeds (Daily Max)	—	—	—	—	—	—	—	—
Threshold	75.0	100	550	150	—	150	55.0	—
Unmit.	No	No	No	No	—	No	No	—

Exceeds (Average Daily)	—	—	—	—	—	—	—	—
Threshold	75.0	100	550	150	—	150	55.0	—
Unmit.	No	No	No	No	—	No	No	—

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—
2026	1.53	12.1	20.4	0.03	0.42	1.80	0.73	4,848
Daily - Winter (Max)	—	—	—	—	—	—	—	—
2026	3.91	44.9	32.2	0.18	1.79	24.1	5.40	25,739
2027	54.7	11.6	18.6	0.03	0.38	1.76	0.68	4,709
Average Daily	—	—	—	—	—	—	—	—
2026	1.36	12.8	15.2	0.04	0.47	2.93	1.02	4,991
2027	5.32	0.52	0.85	< 0.005	0.02	0.05	0.03	141
Annual	—	—	—	—	—	—	—	—
2026	0.25	2.33	2.78	0.01	0.09	0.53	0.19	826
2027	0.97	0.09	0.16	< 0.005	< 0.005	0.01	< 0.005	23.3

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Unmit.	11.3	51.1	233	0.33	0.87	17.2	5.09	45,947
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Unmit.	9.70	52.3	218	0.32	0.86	17.1	5.08	45,239

Average Daily (Max)	—	—	—	—	—	—	—	—
Unmit.	9.65	44.7	172	0.32	0.72	16.9	4.91	43,735
Annual (Max)	—	—	—	—	—	—	—	—
Unmit.	1.76	8.16	31.3	0.06	0.13	3.08	0.90	7,241
Exceeds (Daily Max)	—	—	—	—	—	—	—	—
Threshold	55.0	55.0	550	150	—	150	55.0	—
Unmit.	No	No	No	No	—	No	No	—
Exceeds (Average Daily)	—	—	—	—	—	—	—	—
Threshold	55.0	55.0	550	150	—	150	55.0	—
Unmit.	No	No	No	No	—	No	No	—
Exceeds (Annual)	—	—	—	—	—	—	—	—
Threshold	—	—	—	—	—	—	—	3,000
Unmit.	—	—	—	—	—	—	—	Yes

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Mobile	3.35	26.9	42.1	0.30	0.46	16.8	4.69	33,325
Area	6.24	0.07	8.69	< 0.005	0.02	0.02	0.01	35.9
Energy	0.12	2.13	1.79	0.01	0.16	0.16	0.16	5,560
Water	—	—	—	—	—	—	—	765
Waste	—	—	—	—	—	—	—	445
Refrig.	—	—	—	—	—	—	—	1,107
Off-Road	0.00	17.7	176	0.00	0.00	0.00	0.00	3,907

Stationary	1.56	4.37	3.98	0.01	0.23	0.23	0.23	802
Total	11.3	51.1	233	0.33	0.87	17.2	5.09	45,947
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Mobile	3.21	28.1	35.9	0.30	0.46	16.8	4.69	32,653
Area	4.81	—	—	—	—	—	—	—
Energy	0.12	2.13	1.79	0.01	0.16	0.16	0.16	5,560
Water	—	—	—	—	—	—	—	765
Waste	—	—	—	—	—	—	—	445
Refrig.	—	—	—	—	—	—	—	1,107
Off-Road	0.00	17.7	176	0.00	0.00	0.00	0.00	3,907
Stationary	1.56	4.37	3.98	0.01	0.23	0.23	0.23	802
Total	9.70	52.3	218	0.32	0.86	17.1	5.08	45,239
Average Daily	—	—	—	—	—	—	—	—
Mobile	3.20	28.5	37.0	0.30	0.46	16.6	4.66	32,776
Area	5.79	0.05	5.95	< 0.005	0.01	0.01	0.01	24.6
Energy	0.12	2.13	1.79	0.01	0.16	0.16	0.16	5,560
Water	—	—	—	—	—	—	—	765
Waste	—	—	—	—	—	—	—	445
Refrig.	—	—	—	—	—	—	—	1,107
Off-Road	0.00	12.6	126	0.00	0.00	0.00	0.00	2,783
Stationary	0.53	1.50	1.36	< 0.005	0.08	0.08	0.08	275
Total	9.65	44.7	172	0.32	0.72	16.9	4.91	43,735
Annual	—	—	—	—	—	—	—	—
Mobile	0.58	5.20	6.74	0.05	0.08	3.03	0.85	5,426
Area	1.06	0.01	1.09	< 0.005	< 0.005	< 0.005	< 0.005	4.07
Energy	0.02	0.39	0.33	< 0.005	0.03	0.03	0.03	921
Water	—	—	—	—	—	—	—	127
Waste	—	—	—	—	—	—	—	73.6

Refrig.	—	—	—	—	—	—	—	183
Off-Road	0.00	2.30	22.9	0.00	0.00	0.00	0.00	461
Stationary	0.10	0.27	0.25	< 0.005	0.01	0.01	0.01	45.5
Total	1.76	8.16	31.3	0.06	0.13	3.08	0.90	7,241

3. Construction Emissions Details

3.1. Demolition (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Off-Road Equipment	2.29	20.7	19.0	0.03	0.84	0.84	0.78	3,438
Demolition	—	—	—	—	—	17.1	2.58	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	1.13	1.04	< 0.005	0.05	0.05	0.04	188
Demolition	—	—	—	—	—	0.93	0.14	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.21	0.19	< 0.005	0.01	0.01	0.01	31.2
Demolition	—	—	—	—	—	0.17	0.03	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Worker	0.06	0.07	0.82	0.00	0.00	0.20	0.05	193
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.32	24.2	5.79	0.14	0.41	6.05	1.99	22,108
Average Daily	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.05	0.00	0.00	0.01	< 0.005	10.7
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.02	1.33	0.31	0.01	0.02	0.33	0.11	1,212
Annual	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	1.77
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.24	0.06	< 0.005	< 0.005	0.06	0.02	201

3.3. Site Preparation (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Off-Road Equipment	3.83	34.6	31.0	0.05	1.77	1.77	1.62	5,551
Dust From Material Movement	—	—	—	—	—	5.66	2.69	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.95	0.85	< 0.005	0.05	0.05	0.04	152

Dust From Material Movement	—	—	—	—	—	0.16	0.07	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.17	0.16	< 0.005	0.01	0.01	0.01	25.2
Dust From Material Movement	—	—	—	—	—	0.03	0.01	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Worker	0.07	0.08	0.95	0.00	0.00	0.23	0.05	225
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	1.20	0.21	0.01	0.02	0.34	0.11	1,234
Average Daily	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	< 0.005	6.24
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	< 0.005	33.8
Annual	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	1.03
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	5.60

3.5. Grading (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Off-Road Equipment	3.39	30.0	28.7	0.06	1.38	1.38	1.27	6,738
Dust From Material Movement	—	—	—	—	—	2.67	0.98	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—
Off-Road Equipment	0.28	2.46	2.36	0.01	0.11	0.11	0.10	554
Dust From Material Movement	—	—	—	—	—	0.22	0.08	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.45	0.43	< 0.005	0.02	0.02	0.02	91.7
Dust From Material Movement	—	—	—	—	—	0.04	0.01	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Worker	0.08	0.09	1.09	0.00	0.00	0.26	0.06	257
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.04	2.93	0.70	0.02	0.05	0.73	0.24	2,677
Average Daily	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.09	0.00	0.00	0.02	< 0.005	21.4
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.24	0.06	< 0.005	< 0.005	0.06	0.02	220

Annual	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	3.54
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.04	0.01	< 0.005	< 0.005	0.01	< 0.005	36.5

3.7. Building Construction (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Off-Road Equipment	1.16	10.7	14.1	0.03	0.41	0.41	0.38	2,639
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Off-Road Equipment	1.16	10.7	14.1	0.03	0.41	0.41	0.38	2,639
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—
Off-Road Equipment	0.63	5.81	7.65	0.01	0.22	0.22	0.20	1,436
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	1.06	1.40	< 0.005	0.04	0.04	0.04	238
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Worker	0.36	0.33	6.03	0.00	0.00	1.10	0.26	1,175

Vendor	0.02	1.05	0.33	0.01	0.01	0.29	0.09	1,035
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Worker	0.33	0.37	4.57	0.00	0.00	1.10	0.26	1,077
Vendor	0.02	1.10	0.34	0.01	0.01	0.29	0.09	1,033
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—
Worker	0.18	0.22	2.60	0.00	0.00	0.59	0.14	594
Vendor	0.01	0.60	0.18	< 0.005	0.01	0.16	0.05	562
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—
Worker	0.03	0.04	0.47	0.00	0.00	0.11	0.03	98.4
Vendor	< 0.005	0.11	0.03	< 0.005	< 0.005	0.03	0.01	93.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Building Construction (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Off-Road Equipment	1.11	10.2	14.0	0.03	0.36	0.36	0.34	2,639
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.02	0.03	< 0.005	< 0.005	< 0.005	< 0.005	5.16
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	0.85
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Worker	0.32	0.33	4.21	0.00	0.00	1.10	0.26	1,057
Vendor	0.02	1.06	0.33	0.01	0.01	0.29	0.09	1,013
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	2.10
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	1.98
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.35
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.33
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Paving (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Off-Road Equipment	0.74	6.94	9.95	0.01	0.30	0.30	0.27	1,516

Paving	0.58	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.38	0.55	< 0.005	0.02	0.02	0.02	83.1
Paving	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.07	0.10	< 0.005	< 0.005	< 0.005	< 0.005	13.8
Paving	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.75	0.00	0.00	0.20	0.05	189
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.04	0.00	0.00	0.01	< 0.005	10.5
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	1.74
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.13. Architectural Coating (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	1.11	1.50	< 0.005	0.03	0.03	0.02	179
Architectural Coatings	54.5	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.11	0.14	< 0.005	< 0.005	< 0.005	< 0.005	17.1
Architectural Coatings	5.22	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.02	0.03	< 0.005	< 0.005	< 0.005	< 0.005	2.84
Architectural Coatings	0.95	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Worker	0.06	0.07	0.84	0.00	0.00	0.22	0.05	211
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—

Worker	0.01	0.01	0.08	0.00	0.00	0.02	< 0.005	20.6
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	3.40
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
General Heavy Industry	2.01	1.24	26.8	0.06	0.03	6.19	1.58	6,285
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	0.78	25.0	8.79	0.23	0.43	8.98	2.70	25,218
Refrigerated Warehouse-No Rail	0.56	0.66	6.44	0.02	0.01	1.58	0.41	1,823
Total	3.35	26.9	42.1	0.30	0.46	16.8	4.69	33,325
Daily, Winter (Max)	—	—	—	—	—	—	—	—
General Heavy Industry	1.93	1.37	21.8	0.06	0.03	6.19	1.58	5,793
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	0.76	26.1	8.81	0.23	0.43	8.98	2.70	25,152
Refrigerated Warehouse-No Rail	0.53	0.71	5.28	0.02	0.01	1.58	0.41	1,708
Total	3.21	28.1	35.9	0.30	0.46	16.8	4.69	32,653
Annual	—	—	—	—	—	—	—	—
General Heavy Industry	0.35	0.26	4.14	0.01	< 0.005	1.12	0.29	972
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	0.14	4.80	1.60	0.04	0.08	1.63	0.49	4,169
Refrigerated Warehouse-No Rail	0.10	0.13	1.00	< 0.005	< 0.005	0.29	0.07	286
Total	0.58	5.20	6.74	0.05	0.08	3.03	0.85	5,426

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
General Heavy Industry	—	—	—	—	—	—	—	1,849
Parking Lot	—	—	—	—	—	—	—	108
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00

User Defined Industrial	—	—	—	—	—	—	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	1,056
Total	—	—	—	—	—	—	—	3,013
Daily, Winter (Max)	—	—	—	—	—	—	—	—
General Heavy Industry	—	—	—	—	—	—	—	1,849
Parking Lot	—	—	—	—	—	—	—	108
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	1,056
Total	—	—	—	—	—	—	—	3,013
Annual	—	—	—	—	—	—	—	—
General Heavy Industry	—	—	—	—	—	—	—	306
Parking Lot	—	—	—	—	—	—	—	17.9
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	175
Total	—	—	—	—	—	—	—	499

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
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Daily, Summer (Max)	—	—	—	—	—	—	—	—
General Heavy Industry	0.10	1.84	1.55	0.01	0.14	0.14	0.14	2,207
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Refrigerated Warehouse-No Rail	0.02	0.28	0.24	< 0.005	0.02	0.02	0.02	340
Total	0.12	2.13	1.79	0.01	0.16	0.16	0.16	2,547
Daily, Winter (Max)	—	—	—	—	—	—	—	—
General Heavy Industry	0.10	1.84	1.55	0.01	0.14	0.14	0.14	2,207
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Refrigerated Warehouse-No Rail	0.02	0.28	0.24	< 0.005	0.02	0.02	0.02	340
Total	0.12	2.13	1.79	0.01	0.16	0.16	0.16	2,547
Annual	—	—	—	—	—	—	—	—
General Heavy Industry	0.02	0.34	0.28	< 0.005	0.03	0.03	0.03	365
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Refrigerated Warehouse-No Rail	< 0.005	0.05	0.04	< 0.005	< 0.005	< 0.005	< 0.005	56.3

Total	0.02	0.39	0.33	< 0.005	0.03	0.03	0.03	422
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4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Consumer Products	4.29	—	—	—	—	—	—	—
Architectural Coatings	0.52	—	—	—	—	—	—	—
Landscape Equipment	1.43	0.07	8.69	< 0.005	0.02	0.02	0.01	35.9
Total	6.24	0.07	8.69	< 0.005	0.02	0.02	0.01	35.9
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Consumer Products	4.29	—	—	—	—	—	—	—
Architectural Coatings	0.52	—	—	—	—	—	—	—
Total	4.81	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—
Consumer Products	0.78	—	—	—	—	—	—	—
Architectural Coatings	0.10	—	—	—	—	—	—	—
Landscape Equipment	0.18	0.01	1.09	< 0.005	< 0.005	< 0.005	< 0.005	4.07
Total	1.06	0.01	1.09	< 0.005	< 0.005	< 0.005	< 0.005	4.07

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
General Heavy Industry	—	—	—	—	—	—	—	613
Parking Lot	—	—	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	152
Total	—	—	—	—	—	—	—	765
Daily, Winter (Max)	—	—	—	—	—	—	—	—
General Heavy Industry	—	—	—	—	—	—	—	613
Parking Lot	—	—	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	152
Total	—	—	—	—	—	—	—	765
Annual	—	—	—	—	—	—	—	—
General Heavy Industry	—	—	—	—	—	—	—	102
Parking Lot	—	—	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	0.00

Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	25.2
Total	—	—	—	—	—	—	—	127

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
General Heavy Industry	—	—	—	—	—	—	—	374
Parking Lot	—	—	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	70.8
Total	—	—	—	—	—	—	—	445
Daily, Winter (Max)	—	—	—	—	—	—	—	—
General Heavy Industry	—	—	—	—	—	—	—	374
Parking Lot	—	—	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	70.8
Total	—	—	—	—	—	—	—	445

Annual	—	—	—	—	—	—	—	—
General Heavy Industry	—	—	—	—	—	—	—	61.9
Parking Lot	—	—	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	11.7
Total	—	—	—	—	—	—	—	73.6

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
General Heavy Industry	—	—	—	—	—	—	—	41.6
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	1,065
Total	—	—	—	—	—	—	—	1,107
Daily, Winter (Max)	—	—	—	—	—	—	—	—
General Heavy Industry	—	—	—	—	—	—	—	41.6
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	1,065
Total	—	—	—	—	—	—	—	1,107
Annual	—	—	—	—	—	—	—	—

General Heavy Industry	—	—	—	—	—	—	—	6.89
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	176
Total	—	—	—	—	—	—	—	183

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Forklifts	0.00	17.7	176	0.00	0.00	0.00	0.00	3,907
Total	0.00	17.7	176	0.00	0.00	0.00	0.00	3,907
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Forklifts	0.00	17.7	176	0.00	0.00	0.00	0.00	3,907
Total	0.00	17.7	176	0.00	0.00	0.00	0.00	3,907
Annual	—	—	—	—	—	—	—	—
Forklifts	0.00	2.30	22.9	0.00	0.00	0.00	0.00	461
Total	0.00	2.30	22.9	0.00	0.00	0.00	0.00	461

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Fire Pump	0.78	2.18	1.99	< 0.005	0.11	0.11	0.11	401

Emergency Generator	0.78	2.18	1.99	< 0.005	0.11	0.11	0.11	401
Total	1.56	4.37	3.98	0.01	0.23	0.23	0.23	802
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Fire Pump	0.78	2.18	1.99	< 0.005	0.11	0.11	0.11	401
Emergency Generator	0.78	2.18	1.99	< 0.005	0.11	0.11	0.11	401
Total	1.56	4.37	3.98	0.01	0.23	0.23	0.23	802
Annual	—	—	—	—	—	—	—	—
Fire Pump	0.02	0.05	0.05	< 0.005	< 0.005	< 0.005	< 0.005	9.09
Emergency Generator	0.08	0.22	0.20	< 0.005	0.01	0.01	0.01	36.4
Total	0.10	0.27	0.25	< 0.005	0.01	0.01	0.01	45.5

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—

Subtotal	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	1/1/2026	1/29/2026	5.00	20.0	—
Site Preparation	Site Preparation	1/30/2026	2/13/2026	5.00	10.0	—
Grading	Grading	2/14/2026	3/28/2026	5.00	30.0	—

Building Construction	Building Construction	3/29/2026	1/1/2027	5.00	200	—
Paving	Paving	1/4/2027	1/29/2027	5.00	20.0	—
Architectural Coating	Architectural Coating	2/1/2027	3/19/2027	5.00	35.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Demolition	Excavators	Diesel	Average	3.00	8.00	36.0	0.38
Demolition	Rubber Tired Dozers	Diesel	Average	2.00	8.00	367	0.40
Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00	8.00	367	0.40
Site Preparation	Tractors/Loaders/Back hoes	Diesel	Average	0.00	8.00	84.0	0.37
Site Preparation	Crawler Tractors	Diesel	Average	4.00	8.00	87.0	0.43
Grading	Excavators	Diesel	Average	2.00	8.00	36.0	0.38
Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Grading	Scrapers	Diesel	Average	2.00	8.00	423	0.48
Grading	Tractors/Loaders/Back hoes	Diesel	Average	0.00	8.00	84.0	0.37
Grading	Crawler Tractors	Diesel	Average	2.00	8.00	87.0	0.43
Building Construction	Cranes	Diesel	Average	1.00	8.00	367	0.29
Building Construction	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Back hoes	Diesel	Average	3.00	8.00	84.0	0.37
Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Paving	Pavers	Diesel	Average	2.00	8.00	81.0	0.42

Paving	Paving Equipment	Diesel	Average	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	8.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	15.0	18.5	LDA,LDT1,LDT2
Demolition	Vendor	—	10.2	HHDT,MHDT
Demolition	Hauling	311	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	—	10.2	HHDT,MHDT
Site Preparation	Hauling	6.30	56.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	20.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	—	10.2	HHDT,MHDT
Grading	Hauling	37.7	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	83.9	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	32.8	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT

Paving	—	—	—	—
Paving	Worker	15.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	—	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	16.8	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	0.00	0.00	299,775	99,925	11,552

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (Ton of Debris)	Acres Paved (acres)
Demolition	0.00	0.00	0.00	24,902	—
Site Preparation	—	500	35.0	0.00	—
Grading	9,043	—	120	0.00	—

Paving	0.00	0.00	0.00	0.00	4.42
--------	------	------	------	------	------

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	3	74%	74%
Water Demolished Area	2	36%	36%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
General Heavy Industry	0.00	0%
Parking Lot	2.35	100%
Other Asphalt Surfaces	2.07	100%
User Defined Industrial	0.00	0%
Refrigerated Warehouse-No Rail	0.00	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2026	0.00	449	0.03	< 0.005
2027	0.00	439	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMt/Weekday	VMt/Saturday	VMt/Sunday	VMt/Year
General Heavy Industry	505	505	505	184,406	8,860	8,860	8,860	3,233,938

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	342	342	342	124,736	9,778	9,778	9,778	3,568,847
Refrigerated Warehouse-No Rail	126	126	126	46,101	2,215	2,215	2,215	808,485

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	299,775	99,925	11,552

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
General Heavy Industry	1,529,903	439	0.0330	0.0040	6,866,898

Parking Lot	89,673	439	0.0330	0.0040	0.00
Other Asphalt Surfaces	0.00	439	0.0330	0.0040	0.00
User Defined Industrial	0.00	439	0.0330	0.0040	0.00
Refrigerated Warehouse-No Rail	874,126	439	0.0330	0.0040	1,057,648

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Heavy Industry	36,972,250	832,964
Parking Lot	0.00	0.00
Other Asphalt Surfaces	0.00	0.00
User Defined Industrial	0.00	0.00
Refrigerated Warehouse-No Rail	9,243,063	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
General Heavy Industry	198	—
Parking Lot	0.00	—
Other Asphalt Surfaces	0.00	—
User Defined Industrial	0.00	—
Refrigerated Warehouse-No Rail	37.6	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Heavy Industry	Other commercial A/C and heat pumps	R-410A	2,088	0.30	4.00	4.00	18.0
Refrigerated Warehouse-No Rail	Cold storage	R-404A	3,922	7.50	7.50	7.50	25.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Forklifts	CNG	Average	20.0	8.00	82.0	0.20

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor
Fire Pump	Diesel	2.00	1.00	50.0	238	0.73
Emergency Generator	Diesel	2.00	1.00	200	238	0.73

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)
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5.17. User Defined

Equipment Type	Fuel Type
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5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres
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5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres
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5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)
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6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	26.3	annual days of extreme heat
Extreme Precipitation	2.65	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	1.71	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi. Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters. Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A

Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	97.0
AQ-PM	90.3
AQ-DPM	97.5
Drinking Water	77.4
Lead Risk Housing	95.3
Pesticides	3.83
Toxic Releases	56.0
Traffic	79.4
Effect Indicators	—
CleanUp Sites	83.2
Groundwater	82.4
Haz Waste Facilities/Generators	84.0
Impaired Water Bodies	0.00
Solid Waste	9.67

Sensitive Population	—
Asthma	69.6
Cardio-vascular	78.1
Low Birth Weights	96.0
Socioeconomic Factor Indicators	—
Education	93.6
Housing	74.0
Linguistic	83.1
Poverty	91.3
Unemployment	98.5

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	10.90722443
Employed	14.1537277
Median HI	15.37277044
Education	—
Bachelor's or higher	0.179648402
High school enrollment	20.74939048
Preschool enrollment	5.62042859
Transportation	—
Auto Access	16.36083665
Active commuting	75.55498524
Social	—
2-parent households	53.0347748
Voting	0.282304632

Neighborhood	—
Alcohol availability	13.07583729
Park access	49.63428718
Retail density	69.44693956
Supermarket access	57.08969588
Tree canopy	18.51661748
Housing	—
Homeownership	28.76940844
Housing habitability	29.78313871
Low-inc homeowner severe housing cost burden	99.12742205
Low-inc renter severe housing cost burden	48.36391634
Uncrowded housing	8.982420121
Health Outcomes	—
Insured adults	7.712049275
Arthritis	40.2
Asthma ER Admissions	29.2
High Blood Pressure	34.2
Cancer (excluding skin)	87.6
Asthma	7.7
Coronary Heart Disease	25.9
Chronic Obstructive Pulmonary Disease	16.6
Diagnosed Diabetes	13.8
Life Expectancy at Birth	33.8
Cognitively Disabled	38.1
Physically Disabled	67.1
Heart Attack ER Admissions	36.0
Mental Health Not Good	5.6
Chronic Kidney Disease	10.6

Obesity	4.4
Pedestrian Injuries	97.3
Physical Health Not Good	6.6
Stroke	22.5
Health Risk Behaviors	—
Binge Drinking	63.5
Current Smoker	6.0
No Leisure Time for Physical Activity	4.5
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	64.0
Elderly	93.3
English Speaking	18.4
Foreign-born	81.3
Outdoor Workers	7.2
Climate Change Adaptive Capacity	—
Impervious Surface Cover	51.6
Traffic Density	83.8
Traffic Access	68.6
Other Indices	—
Hardship	94.9
Other Decision Support	—
2016 Voting	3.9

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	99.0

Healthy Places Index Score for Project Location (b)	4.00
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Adjusted lot acreage to match site plan provided by client.
Construction: Off-Road Equipment	Assumed all construction will be utilized 8 hours per work day. Replaced Tractors/Loaders/Backhoes with Crawler Tractors in the Site Preparation and Grading Phases.
Operations: Vehicle Data	Adjusted trip rate to match ITE 11th edition trip rate for General Light Industrial auto and Warehouse trips. Truck trips were applied to the User Defined Industrial land use, with 2 axle trucks applied to Non Res H-W (15.3 mi length and 34.5029 percentage), 3 axle trucks applied to Non Res W-O (14.2 mi and 11.1111%), and 4+ axle trucks applied to Non Res O-O (40 mi and 54.3860%).
Operations: Fleet Mix	Updated vehicle splits to match the operational trip generation
Construction: Construction Phases	Extended architectural coating phase due to size of building facade. Building construction phase shortened to adhere to ~14 month construction schedule provided by client
Operations: Off-Road Equipment	Forklifts were changed from diesel to CNG.
Operations: Emergency Generators and Fire Pumps	Adjusted

Construction: Trips and VMT	Increased default trip length of 20.0 miles to 56 miles for hauling trip length during the site preparation phase to represent the distance to the Soil Safe landfill for contaminated soil in Adelanto, approximately 56 miles from the Project site (by roadway).
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APPENDIX B.1 – AERMOD CONSTRUCTION MODEL OUTPUT

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** Lakes Environmental AERMOD MPI
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** AERMOD Input Produced by:
** AERMOD View Ver. 13.0.0
** Lakes Environmental Software Inc.
** Date: 2/5/2025
** File: C:\temp\Alex-EPDS\MassAve\Mass_Const\Mass_Const.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE Massachusetts Avenue
  TITLETWO Period Average DPM Project Construction
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  URBANOPT 2492442
  POLLUTID DPM
  RUNORNOT RUN
  ERRORFIL Mass_const.err
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** -----
** Line Source Represented by Area Sources
** LINE AREA Source ID = OFFSITE1
** DESCRSRC Offsite1: Project (Loc 12>I215
** PREFIX
** Length of Side = 13.32
** Ratio = 10
** Vertical Dimension = 2.89
** Emission Rate = 1.1929E-09
** Nodes = 7
** 467108.689, 3760866.020, 271.91, 3.11
** 467125.247, 3760815.264, 272.53, 3.11
** 467158.833, 3760730.935, 274.00, 3.11
** 467695.477, 3760730.243, 280.41, 3.11
** 467811.871, 3760731.848, 283.87, 3.11
** 467811.160, 3760330.726, 286.94, 3.11
** 468301.829, 3760335.972, 292.00, 3.11

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LOCATION A0000023      AREA      467102.359 3760863.955 271.86
LOCATION A0000024      AREA      467119.062 3760812.800 272.41
LOCATION A0000025      AREA      467158.824 3760724.278 274.00
LOCATION A0000026      AREA      467266.153 3760724.139 274.22
LOCATION A0000027      AREA      467373.482 3760724.001 276.07
LOCATION A0000028      AREA      467480.811 3760723.863 276.43
LOCATION A0000029      AREA      467588.140 3760723.724 278.09
LOCATION A0000030      AREA      467695.569 3760723.586 280.48
LOCATION A0000031      AREA      467805.214 3760731.860 283.86
LOCATION A0000032      AREA      467805.036 3760631.579 281.34
LOCATION A0000033      AREA      467804.858 3760531.299 283.51
LOCATION A0000034      AREA      467804.680 3760431.019 285.88
LOCATION A0000035      AREA      467811.231 3760324.069 287.00
LOCATION A0000036      AREA      467933.898 3760325.381 289.00
LOCATION A0000037      AREA      468056.565 3760326.692 290.71
LOCATION A0000038      AREA      468179.233 3760328.004 289.29
** End of LINE AREA Source ID = OFFSITE1
** -----
** Line Source Represented by Area Sources
** LINE AREA Source ID = OFFSITE2
** DESCRSRC Offsite 2: Project>Roberto St>Spruce St>SR91
** PREFIX
** Length of Side = 13.32
** Ratio = 10
** Vertical Dimension = 2.89
** Emission Rate = 3.9775E-10
** Nodes = 6
** 467115.440, 3760885.505, 271.95, 3.11
** 467154.337, 3760992.961, 271.50, 3.11
** 467183.319, 3761094.399, 271.00, 3.11
** 467184.330, 3761132.144, 270.00, 3.11
** 467005.044, 3761131.470, 268.94, 3.11
** 466852.045, 3761212.350, 267.65, 3.11
** -----
LOCATION A0000016      AREA      467121.700 3760883.239 272.00
LOCATION A0000017      AREA      467160.738 3760991.132 271.76
LOCATION A0000018      AREA      467189.974 3761094.221 270.75
LOCATION A0000019      AREA      467184.305 3761138.801 270.00
LOCATION A0000020      AREA      467094.662 3761138.464 269.64
LOCATION A0000021      AREA      467008.156 3761137.355 269.00
LOCATION A0000022      AREA      466931.656 3761177.796 268.00
** End of LINE AREA Source ID = OFFSITE2
LOCATION CONST_AREA    AREA      467011.800 3760735.940 271.920
** DESCRSRC Construction Area Source
** Source Parameters **
** LINE AREA Source ID = OFFSITE1
SRCPARAM A0000023      1.1929E-09      3.109      53.389      13.315
71.932      2.892
SRCPARAM A0000024      1.1929E-09      3.109      90.771      13.315
68.284      2.892
SRCPARAM A0000025      1.1929E-09      3.109      107.329      13.315
0.074      2.892

```

0.074	2.892	SRCPARAM A0000026	1.1929E-09	3.109	107.329	13.315	
0.074	2.892	SRCPARAM A0000027	1.1929E-09	3.109	107.329	13.315	
0.074	2.892	SRCPARAM A0000028	1.1929E-09	3.109	107.329	13.315	
0.074	2.892	SRCPARAM A0000029	1.1929E-09	3.109	107.329	13.315	
0.790	2.892	SRCPARAM A0000030	1.1929E-09	3.109	116.405	13.315	-
90.102	2.892	SRCPARAM A0000031	1.1929E-09	3.109	100.281	13.315	
90.102	2.892	SRCPARAM A0000032	1.1929E-09	3.109	100.281	13.315	
90.102	2.892	SRCPARAM A0000033	1.1929E-09	3.109	100.281	13.315	
90.102	2.892	SRCPARAM A0000034	1.1929E-09	3.109	100.281	13.315	
0.613	2.892	SRCPARAM A0000035	1.1929E-09	3.109	122.674	13.315	-
0.613	2.892	SRCPARAM A0000036	1.1929E-09	3.109	122.674	13.315	-
0.613	2.892	SRCPARAM A0000037	1.1929E-09	3.109	122.674	13.315	-
0.613	2.892	SRCPARAM A0000038	1.1929E-09	3.109	122.674	13.315	-
** -----							
** LINE AREA Source ID = OFFSITE2							
70.101	2.892	SRCPARAM A0000016	3.9775E-10	3.109	114.280	13.315	-
74.055	2.892	SRCPARAM A0000017	3.9775E-10	3.109	105.497	13.315	-
88.466	2.892	SRCPARAM A0000018	3.9775E-10	3.109	37.758	13.315	-
179.785	2.892	SRCPARAM A0000019	3.9775E-10	3.109	89.643	13.315	
179.785	2.892	SRCPARAM A0000020	3.9775E-10	3.109	89.643	13.315	
152.138	2.892	SRCPARAM A0000021	3.9775E-10	3.109	86.531	13.315	-
152.138	2.892	SRCPARAM A0000022	3.9775E-10	3.109	86.531	13.315	-
** -----							
0.000		SRCPARAM CONST_AREA	1.82E-07	1.524	185.850	244.600	
URBANSRC ALL							
** Variable Emissions Type: "By Hour / Day (HRDOW)"							
** Variable Emission Scenario: "Scenario 1"							
** WeekDays:							
		EMISFACT A0000023	HRDOW	0.0	0.0	0.0	0.0
		EMISFACT A0000023	HRDOW	0.0	1.0	1.0	1.0
		EMISFACT A0000023	HRDOW	1.0	1.0	1.0	0.0
		EMISFACT A0000023	HRDOW	0.0	0.0	0.0	0.0

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]


```

    EMISFACT A0000021      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000021      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000021      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000022      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000022      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000022      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000022      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    ** WeekDays:
    EMISFACT CONST_AREA    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT CONST_AREA    HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT CONST_AREA    HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
    EMISFACT CONST_AREA    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    ** Saturday:
    EMISFACT CONST_AREA    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT CONST_AREA    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT CONST_AREA    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT CONST_AREA    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    ** Sunday:
    EMISFACT CONST_AREA    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT CONST_AREA    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT CONST_AREA    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT CONST_AREA    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
    INCLUDED Mass_Const.rou
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
    SURFFILE ..\kral_sfc_pfl\KRAL_V11_trimmed.sfc
    PROFFILE ..\kral_sfc_pfl\KRAL_V11_trimmed.PFL
    SURFDATA 3171 2019
    UAIRDATA 3190 2019
    PROFBASE 256.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
    RECTABLE ALLAVE 1ST

```

```
RECTABLE 1 1ST
** Auto-Generated Plotfiles
  PLOTFILE 1 ALL 1ST MASS_CONST.AD\01H1GALL.PLT 31
  PLOTFILE PERIOD ALL MASS_CONST.AD\PE00GALL.PLT 32
  SUMMFILE Mass_const.sum
OU FINISHED
```

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

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

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

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

```
***** WARNING MESSAGES *****
ME W186      452      MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used          0.50
ME W187      452      MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET
```

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

*** AERMOD - VERSION 24142 *** *** Massachusetts Avenue
*** 02/05/25
*** AERMET - VERSION 22112 *** *** Period Average DPM Project
Construction *** 11:49:04

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** MODEL SETUP OPTIONS

SUMMARY ***

** Model Options Selected:

- * Model Uses Regulatory DEFAULT Options
- * Model Is Setup For Calculation of Average CONCentration Values.
- * NO GAS DEPOSITION Data Provided.
- * NO PARTICLE DEPOSITION Data Provided.
- * Model Uses NO DRY DEPLETION. DDPLETE = 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 24

Source(s),

- for Total of 1 Urban Area(s):
- Urban Population = 2492442.0 ; 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: 24 Source(s); 1 Source Group(s); and
1198 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 0 VOLUME source(s)
and: 24 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: 22112

**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) = 256.00 ;

Decay Coef. = 0.000 ; Rot. Angle = 0.0

Emission Units = GRAMS/SEC

; Emission Rate Unit Factor = 0.10000E+07

Output Units = MICROGRAMS/M**3

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

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: Mass_const.err

**File for Summary of Results: Mass_const.sum

NUMBER EMISSION RATE				COORD (SW CORNER)		BASE	RELEASE
X-DIM	Y-DIM	ORIENT.	INIT.	URBAN	EMISSION	RATE	AIRCRAFT
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		

A0000023		0	0.11929E-08	467102.4	3760864.0	271.9	3.11
53.39	13.32	71.93	2.89	YES	HRDOW	NO	
A0000024		0	0.11929E-08	467119.1	3760812.8	272.4	3.11
90.77	13.32	68.28	2.89	YES	HRDOW	NO	
A0000025		0	0.11929E-08	467158.8	3760724.3	274.0	3.11
107.33	13.32	0.07	2.89	YES	HRDOW	NO	
A0000026		0	0.11929E-08	467266.2	3760724.1	274.2	3.11
107.33	13.32	0.07	2.89	YES	HRDOW	NO	
A0000027		0	0.11929E-08	467373.5	3760724.0	276.1	3.11
107.33	13.32	0.07	2.89	YES	HRDOW	NO	
A0000028		0	0.11929E-08	467480.8	3760723.9	276.4	3.11
107.33	13.32	0.07	2.89	YES	HRDOW	NO	
A0000029		0	0.11929E-08	467588.1	3760723.7	278.1	3.11
107.33	13.32	0.07	2.89	YES	HRDOW	NO	
A0000030		0	0.11929E-08	467695.6	3760723.6	280.5	3.11
116.41	13.32	-0.79	2.89	YES	HRDOW	NO	
A0000031		0	0.11929E-08	467805.2	3760731.9	283.9	3.11
100.28	13.32	90.10	2.89	YES	HRDOW	NO	
A0000032		0	0.11929E-08	467805.0	3760631.6	281.3	3.11
100.28	13.32	90.10	2.89	YES	HRDOW	NO	
A0000033		0	0.11929E-08	467804.9	3760531.3	283.5	3.11
100.28	13.32	90.10	2.89	YES	HRDOW	NO	
A0000034		0	0.11929E-08	467804.7	3760431.0	285.9	3.11
100.28	13.32	90.10	2.89	YES	HRDOW	NO	
A0000035		0	0.11929E-08	467811.2	3760324.1	287.0	3.11
122.67	13.32	-0.61	2.89	YES	HRDOW	NO	
A0000036		0	0.11929E-08	467933.9	3760325.4	289.0	3.11
122.67	13.32	-0.61	2.89	YES	HRDOW	NO	
A0000037		0	0.11929E-08	468056.6	3760326.7	290.7	3.11
122.67	13.32	-0.61	2.89	YES	HRDOW	NO	
A0000038		0	0.11929E-08	468179.2	3760328.0	289.3	3.11
122.67	13.32	-0.61	2.89	YES	HRDOW	NO	

A0000016		0	0.39775E-09	467121.7	3760883.2	272.0	3.11
114.28	13.32		-70.10	2.89	YES	HRDOW	NO
A0000017		0	0.39775E-09	467160.7	3760991.1	271.8	3.11
105.50	13.32		-74.05	2.89	YES	HRDOW	NO
A0000018		0	0.39775E-09	467190.0	3761094.2	270.8	3.11
37.76	13.32		-88.47	2.89	YES	HRDOW	NO
A0000019		0	0.39775E-09	467184.3	3761138.8	270.0	3.11
89.64	13.32		179.78	2.89	YES	HRDOW	NO
A0000020		0	0.39775E-09	467094.7	3761138.5	269.6	3.11
89.64	13.32		179.78	2.89	YES	HRDOW	NO
A0000021		0	0.39775E-09	467008.2	3761137.4	269.0	3.11
86.53	13.32		-152.14	2.89	YES	HRDOW	NO
A0000022		0	0.39775E-09	466931.7	3761177.8	268.0	3.11
86.53	13.32		-152.14	2.89	YES	HRDOW	NO
CONST_AREA		0	0.18200E-06	467011.8	3760735.9	271.9	1.52
185.85	244.60		0.00	0.00	YES	HRDOW	NO

*** AERMOD - VERSION 24142 *** *** Massachusetts Avenue
*** 02/05/25
*** AERMET - VERSION 22112 *** *** Period Average DPM Project
Construction *** 11:49:04

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE

GROUPS ***

SRCGROUP ID	SOURCE IDs
-----	-----
ALL	A0000023 , A0000024 , A0000025 , A0000026 ,
A0000027	, A0000028 , A0000029 , A0000030 ,
	A0000031 , A0000032 , A0000033 , A0000034 ,
A0000035	, A0000036 , A0000037 , A0000038 ,
	A0000016 , A0000017 , A0000018 , A0000019 ,
A0000020	, A0000021 , A0000022 , CONST_AREA ,

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*** AERMOD - VERSION 24142 *** *** Massachusetts Avenue
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*** AERMET - VERSION 22112 *** *** Period Average DPM Project
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*** MODELOPTs:      RegDEFAULT CONC ELEV URBAN ADJ_U*

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*** SOURCE IDs DEFINED AS URBAN

SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
	2492442.	A0000023 , A0000024 , A0000025 ,
A0000026	, A0000027	, A0000028 , A0000029 ,
A0000030	,	
	A0000031	, A0000032 , A0000033 , A0000034 ,
A0000035	, A0000036	, A0000037 , A0000038 ,
	A0000016	, A0000017 , A0000018 , A0000019 ,
A0000020	, A0000021	, A0000022 , CONST_AREA ,


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*** AERMOD - VERSION 24142 *** *** Massachusetts Avenue
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*** AERMET - VERSION 22112 *** *** Period Average DPM Project
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000023 ; SOURCE TYPE = AREA :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13
 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21
 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13
 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21
 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13
 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21
 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

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*** AERMOD - VERSION 24142 *** *** Massachusetts Avenue
***      02/05/25
*** AERMET - VERSION 22112 *** *** Period Average DPM Project
Construction ***      11:49:04

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000024 ; SOURCE TYPE = AREA :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01			
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	
.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00			
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	
.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00			
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	
.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			

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*** AERMOD - VERSION 24142 *** *** Massachusetts Avenue
***      02/05/25
*** AERMET - VERSION 22112 *** *** Period Average DPM Project
Construction ***      11:49:04

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000025 ; SOURCE TYPE = AREA :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01			
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	
.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00			
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	
.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00			
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	
.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			

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*** AERMOD - VERSION 24142 *** *** Massachusetts Avenue
***      02/05/25
*** AERMET - VERSION 22112 *** *** Period Average DPM Project
Construction ***      11:49:04

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000026 ; SOURCE TYPE = AREA :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01			
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	
.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00			
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	
.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00			
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	
.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			

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*** AERMOD - VERSION 24142 *** *** Massachusetts Avenue
***      02/05/25
*** AERMET - VERSION 22112 *** *** Period Average DPM Project
Construction ***      11:49:04

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000027 ; SOURCE TYPE = AREA :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01			
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	
.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00			
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	
.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00			
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	
.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			

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*** AERMOD - VERSION 24142 *** *** Massachusetts Avenue
***      02/05/25
*** AERMET - VERSION 22112 *** *** Period Average DPM Project
Construction ***      11:49:04

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000028 ; SOURCE TYPE = AREA :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01			
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	
.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00			
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	
.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00			
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	
.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			

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*** AERMOD - VERSION 24142 *** *** Massachusetts Avenue
***      02/05/25
*** AERMET - VERSION 22112 *** *** Period Average DPM Project
Construction ***      11:49:04

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000029 ; SOURCE TYPE = AREA :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01			
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	
.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00			
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	
.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00			
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	
.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			

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*** AERMOD - VERSION 24142 *** *** Massachusetts Avenue
***      02/05/25
*** AERMET - VERSION 22112 *** *** Period Average DPM Project
Construction ***      11:49:04

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000030 ; SOURCE TYPE = AREA :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01			
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	
.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00			
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	
.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00			
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	
.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			


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*** AERMOD - VERSION 24142 *** *** Massachusetts Avenue
***      02/05/25
*** AERMET - VERSION 22112 *** *** Period Average DPM Project
Construction ***      11:49:04

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000031 ; SOURCE TYPE = AREA :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01			
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	
.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00			
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	
.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00			
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	
.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			

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*** AERMOD - VERSION 24142 *** *** Massachusetts Avenue
***      02/05/25
*** AERMET - VERSION 22112 *** *** Period Average DPM Project
Construction ***      11:49:04

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000032 ; SOURCE TYPE = AREA :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01			
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	
.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00			
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	
.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00			
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	
.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			

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*** AERMOD - VERSION 24142 *** *** Massachusetts Avenue
***      02/05/25
*** AERMET - VERSION 22112 *** *** Period Average DPM Project
Construction ***      11:49:04

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000033 ; SOURCE TYPE = AREA :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01			
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	
.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00			
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	
.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00			
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	
.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			

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*** AERMOD - VERSION 24142 *** *** Massachusetts Avenue
***      02/05/25
*** AERMET - VERSION 22112 *** *** Period Average DPM Project
Construction ***      11:49:04

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*** MODELOPTs:      RegDFAULT CONC ELEV URBAN ADJ_U*

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      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

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SOURCE ID = A0000034      ; SOURCE TYPE = AREA      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR

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- - - - -
- - - - -

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                                DAY OF WEEK = WEEKDAY
      1 .0000E+00      2 .0000E+00      3 .0000E+00      4 .0000E+00      5
.0000E+00      6 .0000E+00      7 .0000E+00      8 .1000E+01
      9 .1000E+01     10 .1000E+01     11 .1000E+01     12 .1000E+01     13
.1000E+01     14 .1000E+01     15 .1000E+01     16 .0000E+00
     17 .0000E+00     18 .0000E+00     19 .0000E+00     20 .0000E+00     21
.0000E+00     22 .0000E+00     23 .0000E+00     24 .0000E+00

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                                DAY OF WEEK = SATURDAY
      1 .0000E+00      2 .0000E+00      3 .0000E+00      4 .0000E+00      5
.0000E+00      6 .0000E+00      7 .0000E+00      8 .0000E+00
      9 .0000E+00     10 .0000E+00     11 .0000E+00     12 .0000E+00     13
.0000E+00     14 .0000E+00     15 .0000E+00     16 .0000E+00
     17 .0000E+00     18 .0000E+00     19 .0000E+00     20 .0000E+00     21
.0000E+00     22 .0000E+00     23 .0000E+00     24 .0000E+00

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                                DAY OF WEEK = SUNDAY
      1 .0000E+00      2 .0000E+00      3 .0000E+00      4 .0000E+00      5
.0000E+00      6 .0000E+00      7 .0000E+00      8 .0000E+00
      9 .0000E+00     10 .0000E+00     11 .0000E+00     12 .0000E+00     13
.0000E+00     14 .0000E+00     15 .0000E+00     16 .0000E+00
     17 .0000E+00     18 .0000E+00     19 .0000E+00     20 .0000E+00     21
.0000E+00     22 .0000E+00     23 .0000E+00     24 .0000E+00

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*** AERMOD - VERSION 24142 *** *** Massachusetts Avenue
***      02/05/25
*** AERMET - VERSION 22112 *** *** Period Average DPM Project
Construction ***      11:49:04

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000035 ; SOURCE TYPE = AREA :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01			
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	
.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00			
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	
.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00			
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	
.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			

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*** AERMOD - VERSION 24142 *** *** Massachusetts Avenue
***      02/05/25
*** AERMET - VERSION 22112 *** *** Period Average DPM Project
Construction ***      11:49:04

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*** MODELOPTs:      RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

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SOURCE ID = A0000036      ; SOURCE TYPE = AREA      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR

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- - - - -
- - - - -

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DAY OF WEEK = WEEKDAY

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      1 .0000E+00      2 .0000E+00      3 .0000E+00      4 .0000E+00      5
.0000E+00      6 .0000E+00      7 .0000E+00      8 .1000E+01
      9 .1000E+01     10 .1000E+01     11 .1000E+01     12 .1000E+01     13
.1000E+01     14 .1000E+01     15 .1000E+01     16 .0000E+00
     17 .0000E+00     18 .0000E+00     19 .0000E+00     20 .0000E+00     21
.0000E+00     22 .0000E+00     23 .0000E+00     24 .0000E+00

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DAY OF WEEK = SATURDAY

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      1 .0000E+00      2 .0000E+00      3 .0000E+00      4 .0000E+00      5
.0000E+00      6 .0000E+00      7 .0000E+00      8 .0000E+00
      9 .0000E+00     10 .0000E+00     11 .0000E+00     12 .0000E+00     13
.0000E+00     14 .0000E+00     15 .0000E+00     16 .0000E+00
     17 .0000E+00     18 .0000E+00     19 .0000E+00     20 .0000E+00     21
.0000E+00     22 .0000E+00     23 .0000E+00     24 .0000E+00

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DAY OF WEEK = SUNDAY

```

      1 .0000E+00      2 .0000E+00      3 .0000E+00      4 .0000E+00      5
.0000E+00      6 .0000E+00      7 .0000E+00      8 .0000E+00
      9 .0000E+00     10 .0000E+00     11 .0000E+00     12 .0000E+00     13
.0000E+00     14 .0000E+00     15 .0000E+00     16 .0000E+00
     17 .0000E+00     18 .0000E+00     19 .0000E+00     20 .0000E+00     21
.0000E+00     22 .0000E+00     23 .0000E+00     24 .0000E+00

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*** AERMOD - VERSION 24142 *** *** Massachusetts Avenue
***      02/05/25
*** AERMET - VERSION 22112 *** *** Period Average DPM Project
Construction ***      11:49:04

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*** MODELOPTs:      RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

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SOURCE ID = A0000037      ; SOURCE TYPE = AREA      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR

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- - - - -
- - - - -

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DAY OF WEEK = WEEKDAY

```

      1 .0000E+00      2 .0000E+00      3 .0000E+00      4 .0000E+00      5
.0000E+00      6 .0000E+00      7 .0000E+00      8 .1000E+01
      9 .1000E+01     10 .1000E+01     11 .1000E+01     12 .1000E+01     13
.1000E+01     14 .1000E+01     15 .1000E+01     16 .0000E+00
     17 .0000E+00     18 .0000E+00     19 .0000E+00     20 .0000E+00     21
.0000E+00     22 .0000E+00     23 .0000E+00     24 .0000E+00

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DAY OF WEEK = SATURDAY

```

      1 .0000E+00      2 .0000E+00      3 .0000E+00      4 .0000E+00      5
.0000E+00      6 .0000E+00      7 .0000E+00      8 .0000E+00
      9 .0000E+00     10 .0000E+00     11 .0000E+00     12 .0000E+00     13
.0000E+00     14 .0000E+00     15 .0000E+00     16 .0000E+00
     17 .0000E+00     18 .0000E+00     19 .0000E+00     20 .0000E+00     21
.0000E+00     22 .0000E+00     23 .0000E+00     24 .0000E+00

```

DAY OF WEEK = SUNDAY

```

      1 .0000E+00      2 .0000E+00      3 .0000E+00      4 .0000E+00      5
.0000E+00      6 .0000E+00      7 .0000E+00      8 .0000E+00
      9 .0000E+00     10 .0000E+00     11 .0000E+00     12 .0000E+00     13
.0000E+00     14 .0000E+00     15 .0000E+00     16 .0000E+00
     17 .0000E+00     18 .0000E+00     19 .0000E+00     20 .0000E+00     21
.0000E+00     22 .0000E+00     23 .0000E+00     24 .0000E+00

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*** AERMOD - VERSION 24142 *** *** Massachusetts Avenue
***      02/05/25
*** AERMET - VERSION 22112 *** *** Period Average DPM Project
Construction ***      11:49:04

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000038 ; SOURCE TYPE = AREA :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01			
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	
.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00			
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	
.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00			
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	
.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			


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*** AERMOD - VERSION 24142 *** *** Massachusetts Avenue
***      02/05/25
*** AERMET - VERSION 22112 *** *** Period Average DPM Project
Construction ***      11:49:04

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000016 ; SOURCE TYPE = AREA :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01			
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	
.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00			
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	
.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00			
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	
.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			

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*** AERMOD - VERSION 24142 *** *** Massachusetts Avenue
***      02/05/25
*** AERMET - VERSION 22112 *** *** Period Average DPM Project
Construction ***      11:49:04

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000017 ; SOURCE TYPE = AREA :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01			
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	
.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00			
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	
.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00			
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	
.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			

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*** AERMOD - VERSION 24142 *** *** Massachusetts Avenue
***      02/05/25
*** AERMET - VERSION 22112 *** *** Period Average DPM Project
Construction ***      11:49:04

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000018 ; SOURCE TYPE = AREA :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01			
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	
.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00			
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	
.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00			
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	
.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			

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*** AERMOD - VERSION 24142 *** *** Massachusetts Avenue
***      02/05/25
*** AERMET - VERSION 22112 *** *** Period Average DPM Project
Construction ***      11:49:04

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*** MODELOPTs:      RegDFAULT CONC ELEV URBAN ADJ_U*

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

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SOURCE ID = A0000019      ; SOURCE TYPE = AREA      :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR

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- - - - -
- - - - -

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DAY OF WEEK = WEEKDAY

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  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5
.0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .1000E+01  13
.1000E+01  14 .1000E+01  15 .1000E+01  16 .0000E+00
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21
.0000E+00  22 .0000E+00  23 .0000E+00  24 .0000E+00

```

DAY OF WEEK = SATURDAY

```

  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5
.0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
  9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13
.0000E+00  14 .0000E+00  15 .0000E+00  16 .0000E+00
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21
.0000E+00  22 .0000E+00  23 .0000E+00  24 .0000E+00

```

DAY OF WEEK = SUNDAY

```

  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5
.0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
  9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13
.0000E+00  14 .0000E+00  15 .0000E+00  16 .0000E+00
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21
.0000E+00  22 .0000E+00  23 .0000E+00  24 .0000E+00

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*** AERMOD - VERSION 24142 *** *** Massachusetts Avenue
***      02/05/25
*** AERMET - VERSION 22112 *** *** Period Average DPM Project
Construction ***      11:49:04

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*** MODELOPTs:      RegDFAULT CONC ELEV URBAN ADJ_U*

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      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

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SOURCE ID = A0000020      ; SOURCE TYPE = AREA      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR

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- - - - -
- - - - -

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DAY OF WEEK = WEEKDAY

```

      1 .0000E+00      2 .0000E+00      3 .0000E+00      4 .0000E+00      5
.0000E+00      6 .0000E+00      7 .0000E+00      8 .1000E+01
      9 .1000E+01     10 .1000E+01     11 .1000E+01     12 .1000E+01     13
.1000E+01     14 .1000E+01     15 .1000E+01     16 .0000E+00
     17 .0000E+00     18 .0000E+00     19 .0000E+00     20 .0000E+00     21
.0000E+00     22 .0000E+00     23 .0000E+00     24 .0000E+00

```

DAY OF WEEK = SATURDAY

```

      1 .0000E+00      2 .0000E+00      3 .0000E+00      4 .0000E+00      5
.0000E+00      6 .0000E+00      7 .0000E+00      8 .0000E+00
      9 .0000E+00     10 .0000E+00     11 .0000E+00     12 .0000E+00     13
.0000E+00     14 .0000E+00     15 .0000E+00     16 .0000E+00
     17 .0000E+00     18 .0000E+00     19 .0000E+00     20 .0000E+00     21
.0000E+00     22 .0000E+00     23 .0000E+00     24 .0000E+00

```

DAY OF WEEK = SUNDAY

```

      1 .0000E+00      2 .0000E+00      3 .0000E+00      4 .0000E+00      5
.0000E+00      6 .0000E+00      7 .0000E+00      8 .0000E+00
      9 .0000E+00     10 .0000E+00     11 .0000E+00     12 .0000E+00     13
.0000E+00     14 .0000E+00     15 .0000E+00     16 .0000E+00
     17 .0000E+00     18 .0000E+00     19 .0000E+00     20 .0000E+00     21
.0000E+00     22 .0000E+00     23 .0000E+00     24 .0000E+00

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*** AERMOD - VERSION 24142 *** *** Massachusetts Avenue
***      02/05/25
*** AERMET - VERSION 22112 *** *** Period Average DPM Project
Construction ***      11:49:04

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000021 ; SOURCE TYPE = AREA :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01			
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	
.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00			
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	
.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00			
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	
.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			

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*** AERMOD - VERSION 24142 *** *** Massachusetts Avenue
***      02/05/25
*** AERMET - VERSION 22112 *** *** Period Average DPM Project
Construction ***      11:49:04

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000022 ; SOURCE TYPE = AREA :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01			
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	
.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00			
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	
.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00			
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	
.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			

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*** AERMOD - VERSION 24142 *** *** Massachusetts Avenue
***      02/05/25
*** AERMET - VERSION 22112 *** *** Period Average DPM Project
Construction ***      11:49:04

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*** MODELOPTs:      RegDFAULT CONC ELEV URBAN ADJ_U*

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      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

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SOURCE ID = CONST_AREA      ; SOURCE TYPE = AREA      :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR

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- - - - -
- - - - -

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DAY OF WEEK = WEEKDAY

```

      1 .0000E+00      2 .0000E+00      3 .0000E+00      4 .0000E+00      5
.0000E+00      6 .0000E+00      7 .0000E+00      8 .1000E+01
      9 .1000E+01     10 .1000E+01     11 .1000E+01     12 .1000E+01     13
.1000E+01     14 .1000E+01     15 .1000E+01     16 .0000E+00
     17 .0000E+00     18 .0000E+00     19 .0000E+00     20 .0000E+00     21
.0000E+00     22 .0000E+00     23 .0000E+00     24 .0000E+00

```

DAY OF WEEK = SATURDAY

```

      1 .0000E+00      2 .0000E+00      3 .0000E+00      4 .0000E+00      5
.0000E+00      6 .0000E+00      7 .0000E+00      8 .0000E+00
      9 .0000E+00     10 .0000E+00     11 .0000E+00     12 .0000E+00     13
.0000E+00     14 .0000E+00     15 .0000E+00     16 .0000E+00
     17 .0000E+00     18 .0000E+00     19 .0000E+00     20 .0000E+00     21
.0000E+00     22 .0000E+00     23 .0000E+00     24 .0000E+00

```

DAY OF WEEK = SUNDAY

```

      1 .0000E+00      2 .0000E+00      3 .0000E+00      4 .0000E+00      5
.0000E+00      6 .0000E+00      7 .0000E+00      8 .0000E+00
      9 .0000E+00     10 .0000E+00     11 .0000E+00     12 .0000E+00     13
.0000E+00     14 .0000E+00     15 .0000E+00     16 .0000E+00
     17 .0000E+00     18 .0000E+00     19 .0000E+00     20 .0000E+00     21
.0000E+00     22 .0000E+00     23 .0000E+00     24 .0000E+00

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*** AERMOD - VERSION 24142 *** *** Massachusetts Avenue
 *** 02/05/25
 *** AERMET - VERSION 22112 *** *** Period Average DPM Project
 Construction *** 11:49:04

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

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*** AERMOD - VERSION 24142 *** *** Massachusetts Avenue
 *** 02/05/25
 *** AERMET - VERSION 22112 *** *** Period Average DPM Project
 Construction *** 11:49:04

PAGE 31

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

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(466941.8, 3760975.7, 269.0, 269.0, 0.0); (

466961.8, 3760975.7, 269.1, 269.1, 0.0); (

(466981.8, 3760975.7, 269.8, 269.8, 0.0); (

467001.8, 3760975.7, 270.0, 270.0, 0.0); (

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(467201.8, 3760975.7,	272.1,	592.0,	0.0);	(
467221.8, 3760975.7,	272.5,	592.0,	0.0);	(
(467241.8, 3760975.7,	272.7,	592.0,	0.0);	(
467261.8, 3760975.7,	272.6,	592.0,	0.0);	(
(467281.8, 3760975.7,	271.9,	592.0,	0.0);	(
467301.8, 3760975.7,	271.4,	592.0,	0.0);	(
(467321.8, 3760975.7,	271.0,	592.0,	0.0);	(
467341.8, 3760975.7,	271.0,	592.0,	0.0);	(
(467361.8, 3760975.7,	271.8,	592.0,	0.0);	(
467381.8, 3760975.7,	273.1,	592.0,	0.0);	(
(466821.8, 3760995.7,	267.0,	267.0,	0.0);	(
466841.8, 3760995.7,	267.1,	267.1,	0.0);	(
(466861.8, 3760995.7,	267.8,	267.8,	0.0);	(
466881.8, 3760995.7,	268.0,	268.0,	0.0);	(
(466901.8, 3760995.7,	268.1,	268.1,	0.0);	(
466921.8, 3760995.7,	268.8,	268.8,	0.0);	(
(466941.8, 3760995.7,	269.0,	269.0,	0.0);	(
466961.8, 3760995.7,	269.1,	269.1,	0.0);	(
(466981.8, 3760995.7,	269.8,	269.8,	0.0);	(
467001.8, 3760995.7,	270.0,	270.0,	0.0);	(
(467021.8, 3760995.7,	270.0,	270.0,	0.0);	(
467041.8, 3760995.7,	270.0,	270.0,	0.0);	(
(467061.8, 3760995.7,	270.4,	592.0,	0.0);	(
467081.8, 3760995.7,	271.0,	592.0,	0.0);	(
(467101.8, 3760995.7,	271.0,	592.0,	0.0);	(
467121.8, 3760995.7,	271.0,	592.0,	0.0);	(
(467141.8, 3760995.7,	271.1,	592.0,	0.0);	(
467161.8, 3760995.7,	271.8,	592.0,	0.0);	(
(467181.8, 3760995.7,	272.0,	592.0,	0.0);	(
467201.8, 3760995.7,	272.0,	592.0,	0.0);	(
(467221.8, 3760995.7,	272.0,	592.0,	0.0);	(
467241.8, 3760995.7,	272.0,	592.0,	0.0);	(
(467261.8, 3760995.7,	271.9,	592.0,	0.0);	(
467281.8, 3760995.7,	271.3,	592.0,	0.0);	(
(467301.8, 3760995.7,	271.0,	592.0,	0.0);	(
467321.8, 3760995.7,	271.0,	592.0,	0.0);	(
(467341.8, 3760995.7,	271.0,	592.0,	0.0);	(
467361.8, 3760995.7,	271.8,	592.0,	0.0);	(
(467381.8, 3760995.7,	273.1,	592.0,	0.0);	(
466821.8, 3761015.7,	267.0,	267.0,	0.0);	(

(466841.8, 3761015.7, 267.1, 267.1, 0.0); (

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(466881.8, 3761015.7, 268.0, 268.0, 0.0); (

466901.8, 3761015.7, 268.1, 268.1, 0.0);

(466921.8, 3761015.7, 268.8, 268.8, 0.0); (

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(467041.8, 3761015.7, 270.0, 270.0, 0.0); (

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(467121.8, 3761015.7, 271.0, 592.0, 0.0); (

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(467161.8, 3761015.7, 271.3, 592.0, 0.0); (

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(467201.8, 3761015.7, 272.0, 592.0, 0.0); (

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(467241.8, 3761015.7, 271.7, 592.0, 0.0); (

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(467321.8, 3761015.7, 271.1, 592.0, 0.0); (

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(467361.8, 3761015.7, 272.2, 592.0, 0.0); (

467381.8, 3761015.7, 273.1, 592.0, 0.0);

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(466861.8, 3761035.7, 267.8, 267.8, 0.0); (

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466921.8, 3761035.7, 268.5, 268.5, 0.0);

(466941.8, 3761035.7, 268.8, 268.8, 0.0); (

466961.8, 3761035.7, 269.0, 269.0, 0.0);

(466981.8, 3761035.7, 269.0, 269.0, 0.0); (

467001.8, 3761035.7, 269.3, 269.3, 0.0);

(467021.8, 3761035.7, 269.7, 269.7, 0.0); (

467041.8, 3761035.7, 269.9, 269.9, 0.0);

(467061.8, 3761035.7, 270.3, 592.0, 0.0); (

467081.8, 3761035.7, 270.7, 592.0, 0.0);

(467101.8, 3761035.7, 270.9, 592.0, 0.0); (

467121.8, 3761035.7, 271.0, 592.0, 0.0);

(467141.8, 3761035.7, 271.0, 592.0, 0.0); (

467161.8, 3761035.7, 271.0, 592.0, 0.0);

(467181.8, 3761035.7, 271.3, 592.0, 0.0); (

467201.8, 3761035.7, 271.7, 592.0, 0.0);

(467221.8, 3761035.7, 271.7, 592.0, 0.0); (

467241.8, 3761035.7, 271.4, 592.0, 0.0);

(	467261.8,	3761035.7,	271.0,	592.0,	0.0);	(
467281.8,	3761035.7,	271.2,	592.0,	0.0);		
(	467301.8,	3761035.7,	271.2,	592.0,	0.0);	(
467321.8,	3761035.7,	271.1,	592.0,	0.0);		
(	467341.8,	3761035.7,	271.8,	592.0,	0.0);	(
467361.8,	3761035.7,	272.4,	592.0,	0.0);		
(	467381.8,	3761035.7,	273.1,	592.0,	0.0);	(
466821.8,	3761055.7,	267.0,	267.0,	0.0);		
(	466841.8,	3761055.7,	267.1,	267.1,	0.0);	(
466861.8,	3761055.7,	267.8,	267.8,	0.0);		
(	466881.8,	3761055.7,	268.0,	268.0,	0.0);	(
466901.8,	3761055.7,	268.0,	268.0,	0.0);		
(	466921.8,	3761055.7,	268.0,	268.0,	0.0);	(
466941.8,	3761055.7,	268.4,	268.4,	0.0);		
(	466961.8,	3761055.7,	269.0,	269.0,	0.0);	(
466981.8,	3761055.7,	269.0,	269.0,	0.0);		
(	467001.8,	3761055.7,	269.0,	269.0,	0.0);	(
467021.8,	3761055.7,	269.1,	269.1,	0.0);		
(	467041.8,	3761055.7,	269.8,	592.0,	0.0);	(
467061.8,	3761055.7,	270.0,	592.0,	0.0);		
(	467081.8,	3761055.7,	270.1,	592.0,	0.0);	(
467101.8,	3761055.7,	270.8,	592.0,	0.0);		
(	467121.8,	3761055.7,	271.0,	592.0,	0.0);	(
467141.8,	3761055.7,	271.0,	592.0,	0.0);		
(	467161.8,	3761055.7,	271.0,	592.0,	0.0);	(
467181.8,	3761055.7,	271.0,	592.0,	0.0);		
(	467201.8,	3761055.7,	271.0,	592.0,	0.0);	(
467221.8,	3761055.7,	271.0,	592.0,	0.0);		
(	467241.8,	3761055.7,	271.0,	592.0,	0.0);	(
467261.8,	3761055.7,	271.1,	592.0,	0.0);		
(	467281.8,	3761055.7,	271.7,	592.0,	0.0);	(
467301.8,	3761055.7,	271.6,	592.0,	0.0);		
(	467321.8,	3761055.7,	271.1,	592.0,	0.0);	(
467341.8,	3761055.7,	271.8,	592.0,	0.0);		
(	467361.8,	3761055.7,	272.4,	592.0,	0.0);	(
467381.8,	3761055.7,	273.0,	592.0,	0.0);		
(	466821.8,	3761075.7,	267.0,	267.0,	0.0);	(
466841.8,	3761075.7,	267.0,	267.0,	0.0);		
(	466861.8,	3761075.7,	267.3,	267.3,	0.0);	(
466881.8,	3761075.7,	267.6,	267.6,	0.0);		

(466901.8, 3761075.7, 268.0, 268.0, 0.0); (

466921.8, 3761075.7, 268.0, 268.0, 0.0);

(466941.8, 3761075.7, 268.2, 268.2, 0.0); (

466961.8, 3761075.7, 268.4, 268.4, 0.0);

(466981.8, 3761075.7, 268.8, 268.8, 0.0); (

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(467021.8, 3761075.7, 269.0, 269.0, 0.0); (

467041.8, 3761075.7, 269.3, 592.0, 0.0);

(467061.8, 3761075.7, 269.6, 592.0, 0.0); (

467081.8, 3761075.7, 270.0, 592.0, 0.0);

(467101.8, 3761075.7, 270.3, 592.0, 0.0); (

467121.8, 3761075.7, 270.6, 592.0, 0.0);

(467141.8, 3761075.7, 271.0, 592.0, 0.0); (

467161.8, 3761075.7, 271.0, 592.0, 0.0);

(467181.8, 3761075.7, 271.0, 592.0, 0.0); (

467201.8, 3761075.7, 271.0, 592.0, 0.0);

(467221.8, 3761075.7, 271.0, 592.0, 0.0); (

467241.8, 3761075.7, 270.7, 592.0, 0.0);

(467261.8, 3761075.7, 270.4, 592.0, 0.0); (

467281.8, 3761075.7, 271.1, 592.0, 0.0);

(467301.8, 3761075.7, 271.2, 592.0, 0.0); (

467321.8, 3761075.7, 271.1, 592.0, 0.0);

(467341.8, 3761075.7, 271.8, 592.0, 0.0); (

467361.8, 3761075.7, 272.2, 592.0, 0.0);

(467381.8, 3761075.7, 272.4, 592.0, 0.0); (

466821.8, 3761095.7, 267.0, 267.0, 0.0);

(466841.8, 3761095.7, 267.0, 267.0, 0.0); (

466861.8, 3761095.7, 267.0, 267.0, 0.0);

(466881.8, 3761095.7, 267.4, 267.4, 0.0); (

466901.8, 3761095.7, 268.0, 268.0, 0.0);

(466921.8, 3761095.7, 268.0, 268.0, 0.0); (

466941.8, 3761095.7, 268.0, 268.0, 0.0);

(466961.8, 3761095.7, 268.1, 268.1, 0.0); (

466981.8, 3761095.7, 268.8, 268.8, 0.0);

(467001.8, 3761095.7, 269.0, 269.0, 0.0); (

467021.8, 3761095.7, 269.0, 269.0, 0.0);

(467041.8, 3761095.7, 269.0, 592.0, 0.0); (

467061.8, 3761095.7, 269.4, 592.0, 0.0);

(467081.8, 3761095.7, 270.0, 592.0, 0.0); (

467101.8, 3761095.7, 270.0, 592.0, 0.0);

(467121.8, 3761095.7, 270.3, 592.0, 0.0); (

467141.8, 3761095.7, 270.7, 592.0, 0.0);

(467161.8, 3761095.7, 270.7, 592.0, 0.0); (

467181.8, 3761095.7, 270.7, 592.0, 0.0);

(467201.8, 3761095.7, 270.7, 592.0, 0.0); (

467221.8, 3761095.7, 270.7, 592.0, 0.0);

(467241.8, 3761095.7, 270.4, 592.0, 0.0); (

467261.8, 3761095.7, 270.1, 592.0, 0.0);

(467281.8, 3761095.7, 270.5, 592.0, 0.0); (

467301.8, 3761095.7, 270.8, 592.0, 0.0);

*** AERMOD - VERSION 24142 *** *** Massachusetts Avenue
*** 02/05/25
*** AERMET - VERSION 22112 *** *** Period Average DPM Project
Construction *** 11:49:04

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(467321.8, 3761095.7,	271.1,	592.0,	0.0);	(
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(467361.8, 3761095.7,	271.8,	592.0,	0.0);	(
467381.8, 3761095.7,	272.1,	592.0,	0.0);	(
(466821.8, 3761115.7,	267.0,	267.0,	0.0);	(
466841.8, 3761115.7,	267.0,	267.0,	0.0);	(
(466861.8, 3761115.7,	267.0,	267.0,	0.0);	(
466881.8, 3761115.7,	267.4,	267.4,	0.0);	(
(466901.8, 3761115.7,	268.0,	268.0,	0.0);	(
466921.8, 3761115.7,	268.0,	268.0,	0.0);	(
(466941.8, 3761115.7,	268.0,	268.0,	0.0);	(
466961.8, 3761115.7,	268.1,	268.1,	0.0);	(
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467001.8, 3761115.7,	269.0,	269.0,	0.0);	(
(467021.8, 3761115.7,	269.0,	269.0,	0.0);	(
467041.8, 3761115.7,	269.0,	592.0,	0.0);	(
(467061.8, 3761115.7,	269.4,	592.0,	0.0);	(
467081.8, 3761115.7,	270.0,	592.0,	0.0);	(
(467101.8, 3761115.7,	270.0,	592.0,	0.0);	(
467121.8, 3761115.7,	270.0,	592.0,	0.0);	(
(467141.8, 3761115.7,	270.0,	592.0,	0.0);	(
467161.8, 3761115.7,	270.0,	592.0,	0.0);	(
(467181.8, 3761115.7,	270.0,	592.0,	0.0);	(
467201.8, 3761115.7,	270.0,	592.0,	0.0);	(
(467221.8, 3761115.7,	270.0,	592.0,	0.0);	(
467241.8, 3761115.7,	270.0,	592.0,	0.0);	(
(467261.8, 3761115.7,	270.0,	592.0,	0.0);	(
467281.8, 3761115.7,	270.0,	592.0,	0.0);	(
(467301.8, 3761115.7,	270.4,	592.0,	0.0);	(
467321.8, 3761115.7,	271.0,	592.0,	0.0);	(
(467341.8, 3761115.7,	271.0,	592.0,	0.0);	(
467361.8, 3761115.7,	271.4,	592.0,	0.0);	(
(467381.8, 3761115.7,	272.0,	592.0,	0.0);	(
466821.8, 3761135.7,	266.6,	266.6,	0.0);	(
(466841.8, 3761135.7,	267.0,	267.0,	0.0);	(
466861.8, 3761135.7,	267.0,	267.0,	0.0);	(
(466881.8, 3761135.7,	267.4,	267.4,	0.0);	(
466901.8, 3761135.7,	268.0,	268.0,	0.0);	(
(466921.8, 3761135.7,	268.0,	268.0,	0.0);	(
466941.8, 3761135.7,	268.0,	268.0,	0.0);	(

(466961.8, 3761135.7, 268.1, 268.1, 0.0); (

466981.8, 3761135.7, 268.8, 268.8, 0.0);

(467001.8, 3761135.7, 269.0, 269.0, 0.0); (

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(467041.8, 3761135.7, 269.0, 592.0, 0.0); (

467061.8, 3761135.7, 269.2, 592.0, 0.0);

(467081.8, 3761135.7, 269.4, 592.0, 0.0); (

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(467281.8, 3761135.7, 269.2, 592.0, 0.0); (

467301.8, 3761135.7, 269.8, 592.0, 0.0);

(467321.8, 3761135.7, 270.4, 592.0, 0.0); (

467341.8, 3761135.7, 270.8, 592.0, 0.0);

(467361.8, 3761135.7, 271.4, 592.0, 0.0); (

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466921.8, 3761155.7, 268.0, 268.0, 0.0);

(466941.8, 3761155.7, 268.0, 268.0, 0.0); (

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(466981.8, 3761155.7, 268.5, 268.5, 0.0); (

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467041.8, 3761155.7, 269.0, 592.0, 0.0);

(467061.8, 3761155.7, 269.0, 592.0, 0.0); (

467081.8, 3761155.7, 269.1, 592.0, 0.0);

(467101.8, 3761155.7, 269.5, 592.0, 0.0); (

467121.8, 3761155.7, 269.7, 592.0, 0.0);

(467141.8, 3761155.7, 269.7, 592.0, 0.0); (

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(467181.8, 3761155.7, 269.7, 592.0, 0.0); (

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(467221.8, 3761155.7, 268.9, 592.0, 0.0); (

467241.8, 3761155.7, 268.4, 592.0, 0.0);

(467261.8, 3761155.7, 268.1, 592.0, 0.0); (

467281.8, 3761155.7, 268.8, 592.0, 0.0);

(467301.8, 3761155.7, 269.4, 592.0, 0.0); (

467321.8, 3761155.7, 270.1, 592.0, 0.0);

(467341.8, 3761155.7, 270.7, 592.0, 0.0); (

467361.8, 3761155.7, 271.4, 592.0, 0.0);

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*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(467381.8, 3761155.7, 272.1, 592.0, 0.0);	(
466821.8, 3761175.7, 267.0, 267.0, 0.0);	
(466841.8, 3761175.7, 267.1, 267.1, 0.0);	(
466861.8, 3761175.7, 267.7, 267.7, 0.0);	
(466881.8, 3761175.7, 268.0, 268.0, 0.0);	(
466901.8, 3761175.7, 268.0, 268.0, 0.0);	
(466921.8, 3761175.7, 268.0, 268.0, 0.0);	(
466941.8, 3761175.7, 268.0, 268.0, 0.0);	
(466961.8, 3761175.7, 268.0, 268.0, 0.0);	(
466981.8, 3761175.7, 268.0, 268.0, 0.0);	
(467001.8, 3761175.7, 268.4, 268.4, 0.0);	(
467021.8, 3761175.7, 269.0, 592.0, 0.0);	
(467041.8, 3761175.7, 269.0, 592.0, 0.0);	(
467061.8, 3761175.7, 269.0, 592.0, 0.0);	
(467081.8, 3761175.7, 269.0, 592.0, 0.0);	(
467101.8, 3761175.7, 269.0, 592.0, 0.0);	
(467121.8, 3761175.7, 269.0, 592.0, 0.0);	(
467141.8, 3761175.7, 269.0, 592.0, 0.0);	
(467161.8, 3761175.7, 269.0, 592.0, 0.0);	(
467181.8, 3761175.7, 269.0, 592.0, 0.0);	
(467201.8, 3761175.7, 268.9, 592.0, 0.0);	(
467221.8, 3761175.7, 268.3, 592.0, 0.0);	
(467241.8, 3761175.7, 268.0, 592.0, 0.0);	(
467261.8, 3761175.7, 268.1, 592.0, 0.0);	
(467281.8, 3761175.7, 268.8, 592.0, 0.0);	(
467301.8, 3761175.7, 269.4, 592.0, 0.0);	
(467321.8, 3761175.7, 270.1, 592.0, 0.0);	(
467341.8, 3761175.7, 270.7, 592.0, 0.0);	
(467361.8, 3761175.7, 271.4, 592.0, 0.0);	(
467381.8, 3761175.7, 272.2, 592.0, 0.0);	
(466771.8, 3760235.7, 273.0, 273.0, 0.0);	(
466821.8, 3760235.7, 273.4, 273.4, 0.0);	
(466871.8, 3760235.7, 274.0, 274.0, 0.0);	(
466921.8, 3760235.7, 274.0, 274.0, 0.0);	
(466971.8, 3760235.7, 274.2, 274.2, 0.0);	(
467021.8, 3760235.7, 275.1, 275.1, 0.0);	
(467071.8, 3760235.7, 276.0, 276.0, 0.0);	(
467121.8, 3760235.7, 277.0, 277.0, 0.0);	
(467171.8, 3760235.7, 278.0, 278.0, 0.0);	(
467221.8, 3760235.7, 278.8, 278.8, 0.0);	

(467271.8, 3760235.7, 279.6, 914.0, 0.0); (

467321.8, 3760235.7, 281.0, 914.0, 0.0);

(467371.8, 3760235.7, 281.0, 914.0, 0.0); (

467421.8, 3760235.7, 282.0, 914.0, 0.0);

(467471.8, 3760235.7, 283.0, 914.0, 0.0); (

467521.8, 3760235.7, 283.8, 914.0, 0.0);

(467571.8, 3760235.7, 284.2, 914.0, 0.0); (

467621.8, 3760235.7, 285.0, 914.0, 0.0);

(467671.8, 3760235.7, 285.7, 914.0, 0.0); (

466771.8, 3760285.7, 272.5, 272.5, 0.0);

(466821.8, 3760285.7, 273.0, 273.0, 0.0); (

466871.8, 3760285.7, 273.7, 273.7, 0.0);

(466921.8, 3760285.7, 273.7, 273.7, 0.0); (

466971.8, 3760285.7, 274.0, 274.0, 0.0);

(467021.8, 3760285.7, 275.0, 275.0, 0.0); (

467071.8, 3760285.7, 275.8, 275.8, 0.0);

(467121.8, 3760285.7, 276.4, 276.4, 0.0); (

467171.8, 3760285.7, 277.1, 277.1, 0.0);

(467221.8, 3760285.7, 278.5, 278.5, 0.0); (

467271.8, 3760285.7, 279.4, 914.0, 0.0);

(467321.8, 3760285.7, 280.1, 914.0, 0.0); (

467371.8, 3760285.7, 281.0, 914.0, 0.0);

(467421.8, 3760285.7, 281.8, 914.0, 0.0); (

467471.8, 3760285.7, 282.7, 914.0, 0.0);

(467521.8, 3760285.7, 283.0, 914.0, 0.0); (

467571.8, 3760285.7, 283.8, 914.0, 0.0);

(467621.8, 3760285.7, 284.7, 914.0, 0.0); (

467671.8, 3760285.7, 285.0, 914.0, 0.0);

(466771.8, 3760335.7, 272.0, 272.0, 0.0); (

466821.8, 3760335.7, 272.0, 272.0, 0.0);

(466871.8, 3760335.7, 273.0, 273.0, 0.0); (

466921.8, 3760335.7, 273.0, 273.0, 0.0);

(466971.8, 3760335.7, 274.0, 274.0, 0.0); (

467021.8, 3760335.7, 275.0, 275.0, 0.0);

(467071.8, 3760335.7, 275.8, 275.8, 0.0); (

467121.8, 3760335.7, 276.4, 276.4, 0.0);

(467171.8, 3760335.7, 277.1, 277.1, 0.0); (

467221.8, 3760335.7, 278.0, 278.0, 0.0);

(467271.8, 3760335.7, 279.0, 914.0, 0.0); (

467321.8, 3760335.7, 280.0, 914.0, 0.0);

(467371.8, 3760335.7, 280.8, 914.0, 0.0); (

467421.8, 3760335.7, 281.4, 914.0, 0.0);

(467471.8, 3760335.7, 282.0, 914.0, 0.0); (

467521.8, 3760335.7, 282.8, 914.0, 0.0);

(467571.8, 3760335.7, 283.4, 914.0, 0.0); (

467621.8, 3760335.7, 284.0, 914.0, 0.0);

(467671.8, 3760335.7, 284.8, 914.0, 0.0); (

466771.8, 3760385.7, 272.0, 272.0, 0.0);

(466821.8, 3760385.7, 271.7, 271.7, 0.0); (

466871.8, 3760385.7, 271.4, 271.4, 0.0);

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(466921.8, 3760385.7, 273.0, 273.0, 0.0);	(
466971.8, 3760385.7, 274.0, 274.0, 0.0);	(
(467021.8, 3760385.7, 275.0, 275.0, 0.0);	(
467071.8, 3760385.7, 275.3, 275.3, 0.0);	(
(467121.8, 3760385.7, 276.2, 276.2, 0.0);	(
467171.8, 3760385.7, 277.0, 277.0, 0.0);	(
(467221.8, 3760385.7, 277.8, 277.8, 0.0);	(
467271.8, 3760385.7, 278.6, 914.0, 0.0);	(
(467321.8, 3760385.7, 279.4, 914.0, 0.0);	(
467371.8, 3760385.7, 280.3, 914.0, 0.0);	(
(467421.8, 3760385.7, 281.0, 914.0, 0.0);	(
467471.8, 3760385.7, 282.0, 914.0, 0.0);	(
(467521.8, 3760385.7, 282.3, 914.0, 0.0);	(
467571.8, 3760385.7, 283.0, 914.0, 0.0);	(
(467621.8, 3760385.7, 284.0, 914.0, 0.0);	(
467671.8, 3760385.7, 284.3, 914.0, 0.0);	(
(466771.8, 3760435.7, 270.9, 270.9, 0.0);	(
466821.8, 3760435.7, 271.0, 271.0, 0.0);	(
(466871.8, 3760435.7, 271.4, 271.4, 0.0);	(
466921.8, 3760435.7, 272.8, 272.8, 0.0);	(
(466971.8, 3760435.7, 273.4, 273.4, 0.0);	(
467021.8, 3760435.7, 274.1, 274.1, 0.0);	(
(467071.8, 3760435.7, 274.9, 274.9, 0.0);	(
467121.8, 3760435.7, 275.8, 275.8, 0.0);	(
(467171.8, 3760435.7, 277.0, 277.0, 0.0);	(
467221.8, 3760435.7, 277.8, 277.8, 0.0);	(
(467271.8, 3760435.7, 278.3, 278.3, 0.0);	(
467321.8, 3760435.7, 279.1, 914.0, 0.0);	(
(467371.8, 3760435.7, 279.9, 914.0, 0.0);	(
467421.8, 3760435.7, 280.4, 914.0, 0.0);	(
(467471.8, 3760435.7, 281.1, 914.0, 0.0);	(
467521.8, 3760435.7, 281.9, 914.0, 0.0);	(
(467571.8, 3760435.7, 282.8, 914.0, 0.0);	(
467621.8, 3760435.7, 283.1, 914.0, 0.0);	(
(467671.8, 3760435.7, 283.9, 914.0, 0.0);	(
466771.8, 3760485.7, 271.0, 271.0, 0.0);	(
(466821.8, 3760485.7, 272.0, 272.0, 0.0);	(
466871.8, 3760485.7, 272.0, 272.0, 0.0);	(
(466921.8, 3760485.7, 272.8, 272.8, 0.0);	(
466971.8, 3760485.7, 273.4, 273.4, 0.0);	(

(467021.8, 3760485.7,	274.0,	274.0,	0.0);	(
467071.8, 3760485.7,	274.8,	274.8,	0.0);	
(467121.8, 3760485.7,	275.4,	275.4,	0.0);	(
467171.8, 3760485.7,	276.1,	276.1,	0.0);	
(467221.8, 3760485.7,	277.0,	277.0,	0.0);	(
467271.8, 3760485.7,	278.0,	592.0,	0.0);	
(467321.8, 3760485.7,	279.0,	914.0,	0.0);	(
467371.8, 3760485.7,	279.8,	914.0,	0.0);	
(467421.8, 3760485.7,	280.0,	914.0,	0.0);	(
467471.8, 3760485.7,	281.0,	914.0,	0.0);	
(467521.8, 3760485.7,	281.8,	914.0,	0.0);	(
467571.8, 3760485.7,	282.0,	914.0,	0.0);	
(467621.8, 3760485.7,	283.0,	914.0,	0.0);	(
467671.8, 3760485.7,	283.7,	914.0,	0.0);	
(466771.8, 3760535.7,	271.8,	271.8,	0.0);	(
467421.8, 3760535.7,	279.6,	914.0,	0.0);	
(467471.8, 3760535.7,	280.4,	914.0,	0.0);	(
467521.8, 3760535.7,	281.0,	914.0,	0.0);	
(467571.8, 3760535.7,	281.6,	914.0,	0.0);	(
467621.8, 3760535.7,	282.0,	914.0,	0.0);	
(467671.8, 3760535.7,	282.8,	914.0,	0.0);	(
466771.8, 3760585.7,	270.9,	270.9,	0.0);	
(467421.8, 3760585.7,	279.0,	914.0,	0.0);	(
467471.8, 3760585.7,	279.7,	914.0,	0.0);	
(467521.8, 3760585.7,	280.5,	914.0,	0.0);	(
467571.8, 3760585.7,	281.0,	914.0,	0.0);	
(467621.8, 3760585.7,	281.7,	914.0,	0.0);	(
467671.8, 3760585.7,	281.7,	914.0,	0.0);	
(466771.8, 3760635.7,	270.0,	270.0,	0.0);	(
467421.8, 3760635.7,	278.0,	914.0,	0.0);	
(467471.8, 3760635.7,	278.1,	914.0,	0.0);	(
467521.8, 3760635.7,	279.0,	914.0,	0.0);	
(467571.8, 3760635.7,	280.4,	914.0,	0.0);	(
467621.8, 3760635.7,	281.0,	914.0,	0.0);	
(467671.8, 3760635.7,	281.0,	914.0,	0.0);	(
466771.8, 3760685.7,	269.4,	269.4,	0.0);	
(467421.8, 3760685.7,	277.2,	914.0,	0.0);	(
467471.8, 3760685.7,	277.4,	914.0,	0.0);	
(467521.8, 3760685.7,	277.8,	914.0,	0.0);	(
467571.8, 3760685.7,	278.8,	914.0,	0.0);	
(467621.8, 3760685.7,	279.4,	914.0,	0.0);	(
467671.8, 3760685.7,	279.8,	914.0,	0.0);	
(466771.8, 3760735.7,	268.9,	268.9,	0.0);	(
467421.8, 3760735.7,	275.7,	914.0,	0.0);	
(467471.8, 3760735.7,	275.8,	914.0,	0.0);	(
467521.8, 3760735.7,	276.9,	914.0,	0.0);	
(467571.8, 3760735.7,	277.7,	914.0,	0.0);	(
467621.8, 3760735.7,	278.1,	914.0,	0.0);	
(467671.8, 3760735.7,	279.7,	914.0,	0.0);	(
466771.8, 3760785.7,	268.0,	268.0,	0.0);	

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*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(467421.8, 3760785.7, 274.0, 914.0, 0.0); (

467471.8, 3760785.7, 275.1, 914.0, 0.0); (

(467521.8, 3760785.7, 276.0, 914.0, 0.0); (

467571.8, 3760785.7, 277.0, 914.0, 0.0); (

(467621.8, 3760785.7, 278.1, 914.0, 0.0); (

467671.8, 3760785.7, 279.7, 914.0, 0.0); (

(466771.8, 3760835.7, 267.8, 267.8, 0.0); (

467421.8, 3760835.7, 274.3, 914.0, 0.0); (

(467471.8, 3760835.7, 275.1, 914.0, 0.0); (

467521.8, 3760835.7, 276.5, 914.0, 0.0); (

(467571.8, 3760835.7, 277.3, 914.0, 0.0); (

467621.8, 3760835.7, 278.1, 914.0, 0.0); (

(467671.8, 3760835.7, 279.3, 914.0, 0.0); (

466771.8, 3760885.7, 267.0, 267.0, 0.0); (

(467421.8, 3760885.7, 275.0, 914.0, 0.0); (

467471.8, 3760885.7, 276.0, 914.0, 0.0); (

(467521.8, 3760885.7, 276.7, 914.0, 0.0); (

467571.8, 3760885.7, 277.4, 914.0, 0.0); (

(467621.8, 3760885.7, 278.0, 914.0, 0.0); (

467671.8, 3760885.7, 278.5, 914.0, 0.0); (

(466771.8, 3760935.7, 266.8, 266.8, 0.0); (

467421.8, 3760935.7, 275.0, 592.0, 0.0); (

(467471.8, 3760935.7, 276.0, 914.0, 0.0); (

467521.8, 3760935.7, 276.0, 914.0, 0.0); (

(467571.8, 3760935.7, 277.0, 914.0, 0.0); (

467621.8, 3760935.7, 278.0, 914.0, 0.0); (

(467671.8, 3760935.7, 278.0, 914.0, 0.0); (

466771.8, 3760985.7, 266.0, 266.0, 0.0); (

(467421.8, 3760985.7, 274.6, 592.0, 0.0); (

467471.8, 3760985.7, 275.0, 914.0, 0.0); (

(467521.8, 3760985.7, 275.8, 914.0, 0.0); (

467571.8, 3760985.7, 277.0, 914.0, 0.0); (

(467621.8, 3760985.7, 277.6, 914.0, 0.0); (

467671.8, 3760985.7, 277.4, 914.0, 0.0); (

(466771.8, 3761035.7, 266.8, 266.8, 0.0); (

467421.8, 3761035.7, 273.8, 592.0, 0.0); (

(467471.8, 3761035.7, 274.7, 592.0, 0.0); (

467521.8, 3761035.7, 275.5, 914.0, 0.0); (

(467571.8, 3761035.7, 277.5, 914.0, 0.0); (

467621.8, 3761035.7, 279.3, 914.0, 0.0); (

(467671.8, 3761035.7,	280.5,	914.0,	0.0);	(
466771.8, 3761085.7,	265.8,	265.8,	0.0);	
(467421.8, 3761085.7,	273.4,	592.0,	0.0);	(
467471.8, 3761085.7,	274.1,	592.0,	0.0);	
(467521.8, 3761085.7,	275.0,	914.0,	0.0);	(
467571.8, 3761085.7,	278.8,	914.0,	0.0);	
(467621.8, 3761085.7,	281.1,	914.0,	0.0);	(
467671.8, 3761085.7,	281.3,	914.0,	0.0);	
(466771.8, 3761135.7,	265.9,	265.9,	0.0);	(
467421.8, 3761135.7,	273.4,	592.0,	0.0);	
(467471.8, 3761135.7,	275.2,	592.0,	0.0);	(
467521.8, 3761135.7,	278.6,	592.0,	0.0);	
(467571.8, 3761135.7,	280.4,	592.0,	0.0);	(
467621.8, 3761135.7,	279.6,	914.0,	0.0);	
(467671.8, 3761135.7,	277.8,	914.0,	0.0);	(
466771.8, 3761185.7,	267.2,	267.2,	0.0);	
(466821.8, 3761185.7,	267.3,	267.3,	0.0);	(
466871.8, 3761185.7,	267.7,	267.7,	0.0);	
(466921.8, 3761185.7,	268.0,	268.0,	0.0);	(
466971.8, 3761185.7,	268.1,	268.1,	0.0);	
(467021.8, 3761185.7,	269.0,	592.0,	0.0);	(
467071.8, 3761185.7,	269.0,	592.0,	0.0);	
(467121.8, 3761185.7,	269.0,	592.0,	0.0);	(
467171.8, 3761185.7,	269.0,	592.0,	0.0);	
(467221.8, 3761185.7,	268.2,	592.0,	0.0);	(
467271.8, 3761185.7,	268.4,	592.0,	0.0);	
(467321.8, 3761185.7,	270.7,	592.0,	0.0);	(
467371.8, 3761185.7,	272.4,	592.0,	0.0);	
(467421.8, 3761185.7,	275.6,	592.0,	0.0);	(
467471.8, 3761185.7,	279.4,	592.0,	0.0);	
(467521.8, 3761185.7,	280.9,	592.0,	0.0);	(
467571.8, 3761185.7,	277.0,	914.0,	0.0);	
(467621.8, 3761185.7,	274.1,	914.0,	0.0);	(
467671.8, 3761185.7,	274.9,	914.0,	0.0);	
(466771.8, 3761235.7,	267.8,	267.8,	0.0);	(
466821.8, 3761235.7,	268.0,	268.0,	0.0);	
(466871.8, 3761235.7,	267.1,	267.1,	0.0);	(
466921.8, 3761235.7,	268.0,	268.0,	0.0);	
(466971.8, 3761235.7,	268.4,	268.4,	0.0);	(
467021.8, 3761235.7,	269.0,	592.0,	0.0);	
(467071.8, 3761235.7,	269.0,	592.0,	0.0);	(
467121.8, 3761235.7,	269.0,	592.0,	0.0);	
(467171.8, 3761235.7,	268.9,	592.0,	0.0);	(
467221.8, 3761235.7,	268.0,	592.0,	0.0);	
(467271.8, 3761235.7,	269.2,	592.0,	0.0);	(
467321.8, 3761235.7,	273.1,	592.0,	0.0);	
(467371.8, 3761235.7,	276.9,	592.0,	0.0);	(
467421.8, 3761235.7,	280.9,	592.0,	0.0);	
(467471.8, 3761235.7,	280.6,	592.0,	0.0);	(
467521.8, 3761235.7,	273.7,	592.0,	0.0);	

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(467571.8, 3761235.7, 273.0, 914.0, 0.0);	(
467621.8, 3761235.7, 273.1, 914.0, 0.0);	(
(467671.8, 3761235.7, 274.0, 914.0, 0.0);	(
466771.8, 3761285.7, 267.1, 267.1, 0.0);	(
(466821.8, 3761285.7, 267.4, 267.4, 0.0);	(
466871.8, 3761285.7, 267.0, 267.0, 0.0);	(
(466921.8, 3761285.7, 267.3, 267.3, 0.0);	(
466971.8, 3761285.7, 268.0, 268.0, 0.0);	(
(467021.8, 3761285.7, 268.0, 592.0, 0.0);	(
467071.8, 3761285.7, 268.0, 592.0, 0.0);	(
(467121.8, 3761285.7, 268.0, 592.0, 0.0);	(
467171.8, 3761285.7, 268.4, 592.0, 0.0);	(
(467221.8, 3761285.7, 270.4, 592.0, 0.0);	(
467271.8, 3761285.7, 273.4, 592.0, 0.0);	(
(467321.8, 3761285.7, 275.0, 592.0, 0.0);	(
467371.8, 3761285.7, 276.2, 592.0, 0.0);	(
(467421.8, 3761285.7, 277.6, 592.0, 0.0);	(
467471.8, 3761285.7, 277.2, 592.0, 0.0);	(
(467521.8, 3761285.7, 272.7, 592.0, 0.0);	(
467571.8, 3761285.7, 272.4, 914.0, 0.0);	(
(467621.8, 3761285.7, 272.4, 914.0, 0.0);	(
467671.8, 3761285.7, 273.4, 914.0, 0.0);	(
(467721.8, 3760235.7, 286.2, 914.0, 0.0);	(
467821.8, 3760235.7, 287.8, 914.0, 0.0);	(
(467921.8, 3760235.7, 289.4, 914.0, 0.0);	(
468021.8, 3760235.7, 291.2, 921.0, 0.0);	(
(468121.8, 3760235.7, 292.8, 939.0, 0.0);	(
468221.8, 3760235.7, 290.6, 939.0, 0.0);	(
(467721.8, 3760335.7, 285.4, 914.0, 0.0);	(
467821.8, 3760335.7, 287.0, 914.0, 0.0);	(
(467921.8, 3760335.7, 289.0, 914.0, 0.0);	(
468021.8, 3760335.7, 290.0, 914.0, 0.0);	(
(468121.8, 3760335.7, 290.3, 939.0, 0.0);	(
468221.8, 3760335.7, 289.2, 939.0, 0.0);	(
(467721.8, 3760435.7, 284.8, 914.0, 0.0);	(
467821.8, 3760435.7, 285.9, 914.0, 0.0);	(
(467921.8, 3760435.7, 287.0, 914.0, 0.0);	(
468021.8, 3760435.7, 287.7, 914.0, 0.0);	(
(468121.8, 3760435.7, 286.0, 939.0, 0.0);	(
468221.8, 3760435.7, 288.8, 939.0, 0.0);	(

(467721.8, 3760535.7, 283.2, 914.0, 0.0); (

467821.8, 3760535.7, 283.4, 914.0, 0.0);

(467921.8, 3760535.7, 283.2, 914.0, 0.0); (

468021.8, 3760535.7, 286.6, 914.0, 0.0);

(468121.8, 3760535.7, 287.0, 939.0, 0.0); (

468221.8, 3760535.7, 289.1, 939.0, 0.0);

(467721.8, 3760635.7, 280.0, 914.0, 0.0); (

467821.8, 3760635.7, 282.5, 914.0, 0.0);

(467921.8, 3760635.7, 286.1, 914.0, 0.0); (

468021.8, 3760635.7, 287.0, 914.0, 0.0);

(468121.8, 3760635.7, 288.0, 914.0, 0.0); (

468221.8, 3760635.7, 288.1, 939.0, 0.0);

(467721.8, 3760735.7, 281.4, 914.0, 0.0); (

467821.8, 3760735.7, 283.9, 914.0, 0.0);

(467921.8, 3760735.7, 286.0, 914.0, 0.0); (

468021.8, 3760735.7, 286.4, 914.0, 0.0);

(468121.8, 3760735.7, 286.0, 914.0, 0.0); (

468221.8, 3760735.7, 287.0, 939.0, 0.0);

(467721.8, 3760835.7, 280.2, 914.0, 0.0); (

467821.8, 3760835.7, 282.1, 914.0, 0.0);

(467921.8, 3760835.7, 286.9, 914.0, 0.0); (

468021.8, 3760835.7, 284.0, 914.0, 0.0);

(468121.8, 3760835.7, 284.8, 914.0, 0.0); (

468221.8, 3760835.7, 286.0, 924.0, 0.0);

(467721.8, 3760935.7, 279.4, 914.0, 0.0); (

467821.8, 3760935.7, 280.0, 914.0, 0.0);

(467921.8, 3760935.7, 281.2, 914.0, 0.0); (

468021.8, 3760935.7, 282.4, 914.0, 0.0);

(468121.8, 3760935.7, 284.0, 914.0, 0.0); (

468221.8, 3760935.7, 285.0, 914.0, 0.0);

(467721.8, 3761035.7, 288.0, 914.0, 0.0); (

467821.8, 3761035.7, 279.2, 914.0, 0.0);

(467921.8, 3761035.7, 280.0, 914.0, 0.0); (

468021.8, 3761035.7, 281.0, 914.0, 0.0);

(468121.8, 3761035.7, 282.7, 914.0, 0.0); (

468221.8, 3761035.7, 284.1, 914.0, 0.0);

(467721.8, 3761135.7, 277.2, 914.0, 0.0); (

467821.8, 3761135.7, 278.0, 914.0, 0.0);

(467921.8, 3761135.7, 279.0, 914.0, 0.0); (

468021.8, 3761135.7, 280.0, 914.0, 0.0);

(468121.8, 3761135.7, 281.7, 914.0, 0.0); (

468221.8, 3761135.7, 283.0, 914.0, 0.0);

(467721.8, 3761235.7, 274.4, 914.0, 0.0); (

467821.8, 3761235.7, 276.0, 914.0, 0.0);

(467921.8, 3761235.7, 278.0, 914.0, 0.0); (

468021.8, 3761235.7, 279.0, 914.0, 0.0);

(468121.8, 3761235.7, 280.7, 914.0, 0.0); (

468221.8, 3761235.7, 282.1, 914.0, 0.0);

(467299.5, 3761159.7, 269.3, 592.0, 0.0); (

467829.6, 3760661.5, 283.0, 914.0, 0.0);

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(467826.4, 3760642.4,	282.8,	914.0,	0.0);	(
467826.8, 3760623.3,	282.4,	914.0,	0.0);	(
(467867.2, 3760685.2,	284.3,	914.0,	0.0);	(
467870.7, 3760660.4,	284.4,	914.0,	0.0);	(
(467873.6, 3760638.8,	284.5,	914.0,	0.0);	(
467875.5, 3760611.6,	283.7,	914.0,	0.0);	(
(467890.2, 3760591.8,	284.0,	914.0,	0.0);	(
467902.6, 3760574.2,	284.3,	914.0,	0.0);	(
(467852.3, 3760310.0,	287.7,	914.0,	0.0);	(
467887.8, 3760311.2,	288.0,	914.0,	0.0);	(
(467919.7, 3760310.4,	289.0,	914.0,	0.0);	(
467957.2, 3760309.6,	289.2,	914.0,	0.0);	(
(468003.5, 3760309.6,	290.0,	914.0,	0.0);	(
468051.4, 3760311.6,	290.9,	924.0,	0.0);	(
(468086.5, 3760312.8,	291.4,	939.0,	0.0);	(
468126.0, 3760311.2,	291.0,	939.0,	0.0);	(
(468154.3, 3760312.4,	290.0,	939.0,	0.0);	(
467934.7, 3760865.5,	285.5,	914.0,	0.0);	(
(467954.7, 3760841.6,	285.8,	914.0,	0.0);	(
467977.0, 3760812.0,	285.3,	914.0,	0.0);	(
(467995.0, 3760788.1,	285.4,	914.0,	0.0);	(
468017.8, 3760766.5,	285.7,	914.0,	0.0);	(
(468178.1, 3760581.8,	288.0,	939.0,	0.0);	(
468258.1, 3760499.0,	289.9,	939.0,	0.0);	(
(467788.7, 3760754.4,	283.1,	914.0,	0.0);	(
467866.4, 3760800.2,	285.2,	914.0,	0.0);	(
(467880.8, 3760783.6,	285.4,	914.0,	0.0);	(
467904.0, 3760761.6,	285.7,	914.0,	0.0);	(

8.23, 10.80, 1.54, 3.09, 5.14,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF

METEOROLOGICAL DATA ***

Surface file: ..\kral_sfc_pfl\KRAL_V11_trimmed.sfc
 Met Version: 22112
 Profile file: ..\kral_sfc_pfl\KRAL_V11_trimmed.PFL
 Surface format: FREE
 Profile format: FREE
 Surface station no.: 3171 Upper air station no.:
 3190
 Name: UNKNOWN Name:
 UNKNOWN Year: 2019 Year:
 2019

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					
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	01	01	1	01	-53.7	0.548	-9.000	-9.000	-999.	974.	330.7	0.12	
0.58	1.00			6.14	44.	10.1	281.4	2.0					
19	01	01	1	02	-48.4	0.493	-9.000	-9.000	-999.	836.	267.9	0.12	
0.58	1.00			5.55	44.	10.1	281.4	2.0					
19	01	01	1	03	-32.2	0.327	-9.000	-9.000	-999.	472.	117.6	0.12	
0.58	1.00			3.74	38.	10.1	280.3	2.0					
19	01	01	1	04	-14.7	0.169	-9.000	-9.000	-999.	190.	31.3	0.09	
0.58	1.00			2.16	71.	10.1	279.8	2.0					
19	01	01	1	05	-36.7	0.372	-9.000	-9.000	-999.	544.	151.9	0.12	
0.58	1.00			4.23	38.	10.1	279.8	2.0					
19	01	01	1	06	-51.0	0.517	-9.000	-9.000	-999.	891.	293.6	0.12	
0.58	1.00			5.80	35.	10.1	280.3	2.0					
19	01	01	1	07	-59.7	0.605	-9.000	-9.000	-999.	1126.	402.0	0.11	
0.58	1.00			6.91	29.	10.1	280.3	2.0					
19	01	01	1	08	-36.5	0.495	-9.000	-9.000	-999.	848.	293.2	0.11	
0.58	0.53			5.67	12.	10.1	280.9	2.0					
19	01	01	1	09	19.5	0.330	0.399	0.005	115.	478.	-162.7	0.11	
0.58	0.31			3.56	20.	10.1	282.5	2.0					
19	01	01	1	10	54.7	0.536	0.694	0.005	216.	942.	-249.1	0.11	
0.58	0.24			5.87	27.	10.1	283.8	2.0					
19	01	01	1	11	79.0	0.654	0.988	0.005	431.	1268.	-313.1	0.11	
0.58	0.21			7.20	17.	10.1	284.2	2.0					
19	01	01	1	12	90.7	0.632	1.268	0.005	794.	1209.	-246.0	0.11	
0.58	0.20			6.92	13.	10.1	284.8	2.0					
19	01	01	1	13	89.3	0.608	1.309	0.005	886.	1141.	-222.3	0.11	
0.58	0.20			6.64	16.	10.1	285.3	2.0					

19	01	01	1	14	74.8	0.549	1.265	0.005	955.	982.	-195.3	0.11
0.58	0.22			5.97	13.	10.1	285.3	2.0				
19	01	01	1	15	47.9	0.620	1.106	0.005	997.	1170.	-439.1	0.11
0.58	0.25			6.87	16.	10.1	285.3	2.0				
19	01	01	1	16	10.9	0.545	0.678	0.005	1006.	973.	-1306.5	0.11
0.58	0.34			6.11	22.	10.1	284.8	2.0				
19	01	01	1	17	-36.8	0.408	-9.000	-9.000	-999.	642.	183.0	0.11
0.58	0.62			4.73	14.	10.1	283.8	2.0				
19	01	01	1	18	-38.4	0.392	-9.000	-9.000	-999.	590.	169.0	0.11
0.58	1.00			4.56	20.	10.1	282.5	2.0				
19	01	01	1	19	-28.7	0.292	-9.000	-9.000	-999.	385.	93.9	0.11
0.58	1.00			3.44	18.	10.1	282.5	2.0				
19	01	01	1	20	-24.6	0.250	-9.000	-9.000	-999.	301.	68.7	0.12
0.58	1.00			2.89	44.	10.1	282.0	2.0				
19	01	01	1	21	-11.6	0.148	-9.000	-9.000	-999.	142.	25.0	0.09
0.58	1.00			1.92	81.	10.1	280.3	2.0				
19	01	01	1	22	-7.9	0.120	-9.000	-9.000	-999.	100.	19.5	0.07
0.58	1.00			1.67	208.	10.1	279.2	2.0				
19	01	01	1	23	-16.1	0.176	-9.000	-9.000	-999.	178.	34.2	0.09
0.58	1.00			2.25	82.	10.1	279.2	2.0				
19	01	01	1	24	-23.1	0.233	-9.000	-9.000	-999.	270.	59.9	0.09
0.58	1.00			2.93	63.	10.1	280.3	2.0				

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
19	01	01	01	10.1	1	44.	6.14	281.5	99.0	-99.00	-99.00

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

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 *** 02/05/25
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): A0000023 ,
 A0000024 , A0000025 , A0000026 , A0000027 ,
 A0000028 , A0000029 , A0000030 , A0000031 ,
 A0000032 , A0000033 , A0000034 , A0000035 ,
 A0000036 , A0000037 , A0000038 , A0000016 ,
 A0000017 , A0000018 , A0000019 , A0000020 ,
 A0000021 , A0000022 , CONST_AREA ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF DPM	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
466821.85	3760535.68	0.00362		
466841.85	3760535.68	0.00377		
466861.85	3760535.68	0.00392		
466881.85	3760535.68	0.00405		
466901.85	3760535.68	0.00417		
466921.85	3760535.68	0.00427		
466941.85	3760535.68	0.00433		
466961.85	3760535.68	0.00435		
466981.85	3760535.68	0.00433		
467001.85	3760535.68	0.00423		
467021.85	3760535.68	0.00405		
467041.85	3760535.68	0.00383		
467061.85	3760535.68	0.00356		
467081.85	3760535.68	0.00324		
467101.85	3760535.68	0.00290		
467121.85	3760535.68	0.00256		
467141.85	3760535.68	0.00223		
467161.85	3760535.68	0.00193		
467181.85	3760535.68	0.00168		
467201.85	3760535.68	0.00148		
467221.85	3760535.68	0.00134		
467241.85	3760535.68	0.00125		
467261.85	3760535.68	0.00120		
467281.85	3760535.68	0.00117		
467301.85	3760535.68	0.00117		
467321.85	3760535.68	0.00118		

	467341.85	3760535.68	0.00119
467361.85	3760535.68	0.00121	
	467381.85	3760535.68	0.00124
466821.85	3760555.68	0.00397	
	466841.85	3760555.68	0.00417
466861.85	3760555.68	0.00437	
	466881.85	3760555.68	0.00455
466901.85	3760555.68	0.00473	
	466921.85	3760555.68	0.00488
466941.85	3760555.68	0.00500	
	466961.85	3760555.68	0.00505
466981.85	3760555.68	0.00505	
	467001.85	3760555.68	0.00497
467021.85	3760555.68	0.00479	
	467041.85	3760555.68	0.00453
467061.85	3760555.68	0.00421	
	467081.85	3760555.68	0.00385
467101.85	3760555.68	0.00343	
	467121.85	3760555.68	0.00303
467141.85	3760555.68	0.00264	
	467161.85	3760555.68	0.00227
467181.85	3760555.68	0.00197	
	467201.85	3760555.68	0.00175
467221.85	3760555.68	0.00159	
	467241.85	3760555.68	0.00149
467261.85	3760555.68	0.00145	
	467281.85	3760555.68	0.00143
467301.85	3760555.68	0.00143	
	467321.85	3760555.68	0.00146
467341.85	3760555.68	0.00148	
	467361.85	3760555.68	0.00151
467381.85	3760555.68	0.00155	
	466821.85	3760575.68	0.00435
466841.85	3760575.68	0.00461	
	466861.85	3760575.68	0.00487
466881.85	3760575.68	0.00512	
	466901.85	3760575.68	0.00537
466921.85	3760575.68	0.00560	
	466941.85	3760575.68	0.00579
466961.85	3760575.68	0.00590	
	466981.85	3760575.68	0.00595
467001.85	3760575.68	0.00590	
	467021.85	3760575.68	0.00574
467041.85	3760575.68	0.00543	
	467061.85	3760575.68	0.00506
467081.85	3760575.68	0.00462	
	467101.85	3760575.68	0.00413
467121.85	3760575.68	0.00364	
	467141.85	3760575.68	0.00317
467161.85	3760575.68	0.00272	
	467181.85	3760575.68	0.00236
467201.85	3760575.68	0.00210	
	467221.85	3760575.68	0.00194
467241.85	3760575.68	0.00184	

COORD	X-COORD (M)	Y-COORD (M)	CONC	X-
467281.85	467261.85	3760575.68	0.00179	
		3760575.68	0.00180	
467321.85	467301.85	3760575.68	0.00182	
		3760575.68	0.00185	
467361.85	467341.85	3760575.68	0.00190	
		3760575.68	0.00194	
466821.85	467381.85	3760575.68	0.00197	
		3760595.68	0.00473	
466861.85	466841.85	3760595.68	0.00507	
		3760595.68	0.00541	
466901.85	466881.85	3760595.68	0.00576	
		3760595.68	0.00611	
466941.85	466921.85	3760595.68	0.00644	
		3760595.68	0.00674	
466981.85	466961.85	3760595.68	0.00697	
		3760595.68	0.00709	
467021.85	467001.85	3760595.68	0.00709	
		3760595.68	0.00694	
467061.85	467041.85	3760595.68	0.00660	
		3760595.68	0.00617	
467101.85	467081.85	3760595.68	0.00566	
		3760595.68	0.00509	
467141.85	467121.85	3760595.68	0.00449	
		3760595.68	0.00389	
467181.85	467161.85	3760595.68	0.00336	
		3760595.68	0.00292	

	467201.85	3760595.68	0.00260
467221.85	3760595.68	0.00242	
	467241.85	3760595.68	0.00234
467261.85	3760595.68	0.00232	
	467281.85	3760595.68	0.00234
467301.85	3760595.68	0.00238	
	467321.85	3760595.68	0.00243
467341.85	3760595.68	0.00248	
	467361.85	3760595.68	0.00253
467381.85	3760595.68	0.00257	
	466821.85	3760615.68	0.00512
466841.85	3760615.68	0.00554	
	466861.85	3760615.68	0.00599
466881.85	3760615.68	0.00646	
	466901.85	3760615.68	0.00694
466921.85	3760615.68	0.00742	
	466941.85	3760615.68	0.00788
466961.85	3760615.68	0.00828	
	466981.85	3760615.68	0.00855
467001.85	3760615.68	0.00865	
	467021.85	3760615.68	0.00853
467041.85	3760615.68	0.00819	
	467061.85	3760615.68	0.00769
467081.85	3760615.68	0.00708	
	467101.85	3760615.68	0.00641
467121.85	3760615.68	0.00568	
	467141.85	3760615.68	0.00493
467161.85	3760615.68	0.00429	
	467181.85	3760615.68	0.00375
467201.85	3760615.68	0.00336	
	467221.85	3760615.68	0.00317
467241.85	3760615.68	0.00311	
	467261.85	3760615.68	0.00312
467281.85	3760615.68	0.00315	
	467301.85	3760615.68	0.00322
467321.85	3760615.68	0.00328	
	467341.85	3760615.68	0.00332
467361.85	3760615.68	0.00335	
	467381.85	3760615.68	0.00337
466821.85	3760635.68	0.00550	
	466841.85	3760635.68	0.00602
466861.85	3760635.68	0.00659	
	466881.85	3760635.68	0.00720
466901.85	3760635.68	0.00786	
	466921.85	3760635.68	0.00855
466941.85	3760635.68	0.00924	
	466961.85	3760635.68	0.00989
466981.85	3760635.68	0.01042	
	467001.85	3760635.68	0.01073
467021.85	3760635.68	0.01070	
	467041.85	3760635.68	0.01041
467061.85	3760635.68	0.00985	
	467081.85	3760635.68	0.00910
467101.85	3760635.68	0.00832	

COORD	X-COORD (M)	Y-COORD (M)	CONC	X-
467141.85	467121.85	3760635.68	0.00743	
		3760635.68	0.00651	
467181.85	467161.85	3760635.68	0.00571	
		3760635.68	0.00505	
467221.85	467201.85	3760635.68	0.00461	
		3760635.68	0.00440	
467261.85	467241.85	3760635.68	0.00433	
		3760635.68	0.00434	
467301.85	467281.85	3760635.68	0.00443	
		3760635.68	0.00448	
467341.85	467321.85	3760635.68	0.00450	
		3760635.68	0.00453	
467381.85	467361.85	3760635.68	0.00450	
		3760635.68	0.00445	
466841.85	466821.85	3760655.68	0.00584	
		3760655.68	0.00647	
466881.85	466861.85	3760655.68	0.00718	
		3760655.68	0.00797	
466921.85	466901.85	3760655.68	0.00885	
		3760655.68	0.00982	
466961.85	466941.85	3760655.68	0.01086	
		3760655.68	0.01190	
467001.85	466981.85	3760655.68	0.01286	
		3760655.68	0.01354	
467041.85	467021.85	3760655.68	0.01373	
		3760655.68	0.01354	

	467061.85	3760655.68	0.01296
467081.85	3760655.68	0.01214	
	467101.85	3760655.68	0.01129
467121.85	3760655.68	0.01026	
	467141.85	3760655.68	0.00912
467161.85	3760655.68	0.00809	
	467181.85	3760655.68	0.00721
467201.85	3760655.68	0.00663	
	467221.85	3760655.68	0.00639
467241.85	3760655.68	0.00636	
	467261.85	3760655.68	0.00640
467281.85	3760655.68	0.00645	
	467301.85	3760655.68	0.00642
467321.85	3760655.68	0.00632	
	467341.85	3760655.68	0.00620
467361.85	3760655.68	0.00605	
	467381.85	3760655.68	0.00589
466821.85	3760675.68	0.00613	
	466841.85	3760675.68	0.00687
466861.85	3760675.68	0.00772	
	466881.85	3760675.68	0.00871
466901.85	3760675.68	0.00986	
	466921.85	3760675.68	0.01119
466941.85	3760675.68	0.01271	
	466961.85	3760675.68	0.01438
466981.85	3760675.68	0.01609	
	467001.85	3760675.68	0.01752
467021.85	3760675.68	0.01825	
	467041.85	3760675.68	0.01829
467061.85	3760675.68	0.01783	
	467081.85	3760675.68	0.01710
467101.85	3760675.68	0.01635	
	467121.85	3760675.68	0.01530
467141.85	3760675.68	0.01397	
	467161.85	3760675.68	0.01259
467181.85	3760675.68	0.01125	
	467201.85	3760675.68	0.01034
467221.85	3760675.68	0.00997	
	467241.85	3760675.68	0.00988
467261.85	3760675.68	0.00980	
	467281.85	3760675.68	0.00959
467301.85	3760675.68	0.00926	
	467321.85	3760675.68	0.00886
467341.85	3760675.68	0.00846	
	467361.85	3760675.68	0.00807
467381.85	3760675.68	0.00770	
	466821.85	3760695.68	0.00636
466841.85	3760695.68	0.00719	
	466861.85	3760695.68	0.00819
466881.85	3760695.68	0.00938	
	466901.85	3760695.68	0.01082
466921.85	3760695.68	0.01256	
	466941.85	3760695.68	0.01471
466961.85	3760695.68	0.01733	

COORD	X-COORD (M)	Y-COORD (M)	CONC	X-
467001.85	466981.85	3760695.68	0.02042	
		3760695.68	0.02352	
467041.85	467021.85	3760695.68	0.02557	
		3760695.68	0.02634	
467081.85	467061.85	3760695.68	0.02652	
		3760695.68	0.02643	
467121.85	467101.85	3760695.68	0.02629	
		3760695.68	0.02561	
467161.85	467141.85	3760695.68	0.02428	
		3760695.68	0.02227	
467201.85	467181.85	3760695.68	0.01979	
		3760695.68	0.01784	
467241.85	467221.85	3760695.68	0.01693	
		3760695.68	0.01627	
467281.85	467261.85	3760695.68	0.01540	
		3760695.68	0.01428	
467321.85	467301.85	3760695.68	0.01320	
		3760695.68	0.01222	
467361.85	467341.85	3760695.68	0.01139	
		3760695.68	0.01058	
466821.85	467381.85	3760695.68	0.00983	
		3760715.68	0.00650	
466861.85	466841.85	3760715.68	0.00743	
		3760715.68	0.00855	
466901.85	466881.85	3760715.68	0.00992	
		3760715.68	0.01163	

	466921.85	3760715.68	0.01381
466941.85	3760715.68	0.01666	
	466961.85	3760715.68	0.02054
466981.85	3760715.68	0.02606	
	467001.85	3760715.68	0.03364
467021.85	3760715.68	0.03984	
	467041.85	3760715.68	0.04430
467061.85	3760715.68	0.04792	
	467081.85	3760715.68	0.04988
467101.85	3760715.68	0.05074	
	467121.85	3760715.68	0.05067
467141.85	3760715.68	0.04940	
	467161.85	3760715.68	0.04629
467181.85	3760715.68	0.04082	
	467201.85	3760715.68	0.03479
467221.85	3760715.68	0.03107	
	467241.85	3760715.68	0.02724
467261.85	3760715.68	0.02379	
	467281.85	3760715.68	0.02078
467301.85	3760715.68	0.01841	
	467321.85	3760715.68	0.01650
467341.85	3760715.68	0.01487	
	467361.85	3760715.68	0.01350
467381.85	3760715.68	0.01235	
	466821.85	3760735.68	0.00657
466841.85	3760735.68	0.00757	
	466861.85	3760735.68	0.00879
466881.85	3760735.68	0.01031	
	466901.85	3760735.68	0.01225
466921.85	3760735.68	0.01481	
	466941.85	3760735.68	0.01832
466961.85	3760735.68	0.02347	
	466981.85	3760735.68	0.03210
467001.85	3760735.68	0.05163	
	467201.85	3760735.68	0.09565
467221.85	3760735.68	0.05940	
	467241.85	3760735.68	0.04354
467261.85	3760735.68	0.03456	
	467281.85	3760735.68	0.02847
467301.85	3760735.68	0.02427	
	467321.85	3760735.68	0.02113
467341.85	3760735.68	0.01856	
	467361.85	3760735.68	0.01657
467381.85	3760735.68	0.01496	
	466821.85	3760755.68	0.00656
466841.85	3760755.68	0.00761	
	466861.85	3760755.68	0.00891
466881.85	3760755.68	0.01055	
	466901.85	3760755.68	0.01267
466921.85	3760755.68	0.01552	
	466941.85	3760755.68	0.01952
466961.85	3760755.68	0.02559	
	466981.85	3760755.68	0.03622
467001.85	3760755.68	0.06214	

COORD	X-COORD (M)	Y-COORD (M)	CONC	X-
467221.85	467201.85	3760755.68	0.15629	
		3760755.68	0.08690	
467261.85	467241.85	3760755.68	0.05882	
		3760755.68	0.04440	
467301.85	467281.85	3760755.68	0.03531	
		3760755.68	0.02932	
467341.85	467321.85	3760755.68	0.02500	
		3760755.68	0.02157	
467381.85	467361.85	3760755.68	0.01903	
		3760755.68	0.01702	
466841.85	466821.85	3760775.68	0.00648	
		3760775.68	0.00756	
466881.85	466861.85	3760775.68	0.00891	
		3760775.68	0.01063	
466921.85	466901.85	3760775.68	0.01288	
		3760775.68	0.01592	
466961.85	466941.85	3760775.68	0.02024	
		3760775.68	0.02689	
467001.85	466981.85	3760775.68	0.03847	
		3760775.68	0.06608	
467221.85	467201.85	3760775.68	0.17057	
		3760775.68	0.09773	
467261.85	467241.85	3760775.68	0.06728	
		3760775.68	0.05095	
467301.85	467281.85	3760775.68	0.04053	
		3760775.68	0.03335	

	467321.85	3760775.68	0.02812
467341.85	3760775.68	0.02419	
	467361.85	3760775.68	0.02122
467381.85	3760775.68	0.01887	
	466821.85	3760795.68	0.00633
466841.85	3760795.68	0.00742	
	466861.85	3760795.68	0.00879
466881.85	3760795.68	0.01055	
	466901.85	3760795.68	0.01288
466921.85	3760795.68	0.01603	
	466941.85	3760795.68	0.02053
466961.85	3760795.68	0.02746	
	466981.85	3760795.68	0.03948
467001.85	3760795.68	0.06728	
	467201.85	3760795.68	0.17675
467221.85	3760795.68	0.10305	
	467241.85	3760795.68	0.07179
467261.85	3760795.68	0.05473	
	467281.85	3760795.68	0.04390
467301.85	3760795.68	0.03619	
	467321.85	3760795.68	0.03047
467341.85	3760795.68	0.02622	
	467361.85	3760795.68	0.02295
467381.85	3760795.68	0.02034	
	466821.85	3760815.68	0.00610
466841.85	3760815.68	0.00719	
	466861.85	3760815.68	0.00855
466881.85	3760815.68	0.01032	
	466901.85	3760815.68	0.01267
466921.85	3760815.68	0.01587	
	466941.85	3760815.68	0.02043
466961.85	3760815.68	0.02741	
	466981.85	3760815.68	0.03966
467001.85	3760815.68	0.06702	
	467201.85	3760815.68	0.18040
467221.85	3760815.68	0.10755	
	467241.85	3760815.68	0.07501
467261.85	3760815.68	0.05704	
	467281.85	3760815.68	0.04595
467301.85	3760815.68	0.03810	
	467321.85	3760815.68	0.03224
467341.85	3760815.68	0.02772	
	467361.85	3760815.68	0.02422
467381.85	3760815.68	0.02141	
	466821.85	3760835.68	0.00582
466841.85	3760835.68	0.00687	
	466861.85	3760835.68	0.00819
466881.85	3760835.68	0.00992	
	466901.85	3760835.68	0.01223
466921.85	3760835.68	0.01542	
	466941.85	3760835.68	0.01999
466961.85	3760835.68	0.02699	
	466981.85	3760835.68	0.03906
467001.85	3760835.68	0.06577	

COORD	X-COORD (M)	Y-COORD (M)	CONC	X-
467221.85	467201.85	3760835.68	0.18178	
		3760835.68	0.10899	
467261.85	467241.85	3760835.68	0.07680	
		3760835.68	0.05887	
467301.85	467281.85	3760835.68	0.04716	
		3760835.68	0.03906	
467341.85	467321.85	3760835.68	0.03307	
		3760835.68	0.02842	
467381.85	467361.85	3760835.68	0.02481	
		3760835.68	0.02189	
466841.85	466821.85	3760855.68	0.00547	
		3760855.68	0.00646	
466881.85	466861.85	3760855.68	0.00773	
		3760855.68	0.00938	
466921.85	466901.85	3760855.68	0.01160	
		3760855.68	0.01472	
466961.85	466941.85	3760855.68	0.01922	
		3760855.68	0.02613	
467001.85	466981.85	3760855.68	0.03799	
		3760855.68	0.06431	
467221.85	467201.85	3760855.68	0.18658	
		3760855.68	0.10974	
467261.85	467241.85	3760855.68	0.07751	
		3760855.68	0.05962	
467301.85	467281.85	3760855.68	0.04756	
		3760855.68	0.03932	

	467321.85	3760855.68	0.03328
467341.85	3760855.68	0.02862	
	467361.85	3760855.68	0.02493
467381.85	3760855.68	0.02191	
	466821.85	3760875.68	0.00509
466841.85	3760875.68	0.00599	
	466861.85	3760875.68	0.00717
466881.85	3760875.68	0.00872	
	466901.85	3760875.68	0.01081
466921.85	3760875.68	0.01377	
	466941.85	3760875.68	0.01809
466961.85	3760875.68	0.02482	
	466981.85	3760875.68	0.03652
467001.85	3760875.68	0.06271	
	467201.85	3760875.68	0.19264
467221.85	3760875.68	0.10999	
	467241.85	3760875.68	0.07718
467261.85	3760875.68	0.05926	
	467281.85	3760875.68	0.04717
467301.85	3760875.68	0.03891	
	467321.85	3760875.68	0.03287
467341.85	3760875.68	0.02834	
	467361.85	3760875.68	0.02459
467381.85	3760875.68	0.02146	
	466821.85	3760895.68	0.00468
466841.85	3760895.68	0.00549	
	466861.85	3760895.68	0.00655
466881.85	3760895.68	0.00794	
	466901.85	3760895.68	0.00985
466921.85	3760895.68	0.01255	
	466941.85	3760895.68	0.01658
466961.85	3760895.68	0.02302	
	466981.85	3760895.68	0.03437
467001.85	3760895.68	0.05968	
	467201.85	3760895.68	0.19169
467221.85	3760895.68	0.11026	
	467241.85	3760895.68	0.07649
467261.85	3760895.68	0.05803	
	467281.85	3760895.68	0.04626
467301.85	3760895.68	0.03790	
	467321.85	3760895.68	0.03177
467341.85	3760895.68	0.02758	
	467361.85	3760895.68	0.02394
467381.85	3760895.68	0.02082	
	466821.85	3760915.68	0.00427
466841.85	3760915.68	0.00499	
	466861.85	3760915.68	0.00590
466881.85	3760915.68	0.00712	
	466901.85	3760915.68	0.00879
466921.85	3760915.68	0.01115	
	466941.85	3760915.68	0.01474
466961.85	3760915.68	0.02066	
	466981.85	3760915.68	0.03138
467001.85	3760915.68	0.05575	

COORD	X-COORD (M)	Y-COORD (M)	CONC	X-
467221.85	467201.85	3760915.68	0.18880	
		3760915.68	0.10821	
467261.85	467241.85	3760915.68	0.07427	
		3760915.68	0.05573	
467301.85	467281.85	3760915.68	0.04420	
		3760915.68	0.03614	
467341.85	467321.85	3760915.68	0.03025	
		3760915.68	0.02607	
467381.85	467361.85	3760915.68	0.02246	
		3760915.68	0.01954	
466841.85	466821.85	3760935.68	0.00388	
		3760935.68	0.00449	
466881.85	466861.85	3760935.68	0.00527	
		3760935.68	0.00629	
466921.85	466901.85	3760935.68	0.00769	
		3760935.68	0.00965	
466961.85	466941.85	3760935.68	0.01266	
		3760935.68	0.01772	
467001.85	466981.85	3760935.68	0.02728	
		3760935.68	0.05035	
467221.85	467201.85	3760935.68	0.18263	
		3760935.68	0.10248	
467261.85	467241.85	3760935.68	0.06940	
		3760935.68	0.05166	
467301.85	467281.85	3760935.68	0.04058	
		3760935.68	0.03328	

	467321.85	3760935.68	0.02784
467341.85	3760935.68	0.02366	
	467361.85	3760935.68	0.02036
467381.85	3760935.68	0.01772	
	466821.85	3760955.68	0.00351
466841.85	3760955.68	0.00403	
	466861.85	3760955.68	0.00467
466881.85	3760955.68	0.00551	
	466901.85	3760955.68	0.00662
466921.85	3760955.68	0.00816	
	466941.85	3760955.68	0.01046
466961.85	3760955.68	0.01427	
	466981.85	3760955.68	0.02177
467001.85	3760955.68	0.04163	
	467201.85	3760955.68	0.17014
467221.85	3760955.68	0.09097	
	467241.85	3760955.68	0.05984
467261.85	3760955.68	0.04424	
	467281.85	3760955.68	0.03498
467301.85	3760955.68	0.02862	
	467321.85	3760955.68	0.02406
467341.85	3760955.68	0.02055	
	467361.85	3760955.68	0.01777
467381.85	3760955.68	0.01548	
	466821.85	3760975.68	0.00318
466841.85	3760975.68	0.00360	
	466861.85	3760975.68	0.00413
466881.85	3760975.68	0.00479	
	466901.85	3760975.68	0.00565
466921.85	3760975.68	0.00681	
	466941.85	3760975.68	0.00843
466961.85	3760975.68	0.01093	
	466981.85	3760975.68	0.01551
467001.85	3760975.68	0.02666	
	467201.85	3760975.68	0.12523
467221.85	3760975.68	0.06644	
	467241.85	3760975.68	0.04498
467261.85	3760975.68	0.03429	
	467281.85	3760975.68	0.02771
467301.85	3760975.68	0.02312	
	467321.85	3760975.68	0.01972
467341.85	3760975.68	0.01708	
	467361.85	3760975.68	0.01494
467381.85	3760975.68	0.01309	
	466821.85	3760995.68	0.00286
466841.85	3760995.68	0.00321	
	466861.85	3760995.68	0.00364
466881.85	3760995.68	0.00416	
	466901.85	3760995.68	0.00480
466921.85	3760995.68	0.00564	
	466941.85	3760995.68	0.00674
466961.85	3760995.68	0.00826	
	466981.85	3760995.68	0.01055
467001.85	3760995.68	0.01391	

COORD	X-COORD (M)	Y-COORD (M)	CONC	X-
467041.85	467021.85	3760995.68	0.01851	
		3760995.68	0.02507	
467081.85	467061.85	3760995.68	0.03188	
		3760995.68	0.03737	
467121.85	467101.85	3760995.68	0.04079	
		3760995.68	0.04310	
467161.85	467141.85	3760995.68	0.04449	
		3760995.68	0.04510	
467201.85	467181.85	3760995.68	0.04361	
		3760995.68	0.04039	
467241.85	467221.85	3760995.68	0.03472	
		3760995.68	0.02855	
467281.85	467261.85	3760995.68	0.02379	
		3760995.68	0.02028	
467321.85	467301.85	3760995.68	0.01756	
		3760995.68	0.01539	
467361.85	467341.85	3760995.68	0.01363	
		3760995.68	0.01214	
466821.85	467381.85	3760995.68	0.01078	
		3761015.68	0.00257	
466861.85	466841.85	3761015.68	0.00286	
		3761015.68	0.00320	
466901.85	466881.85	3761015.68	0.00360	
		3761015.68	0.00408	
466941.85	466921.85	3761015.68	0.00467	
		3761015.68	0.00540	

	466961.85	3761015.68	0.00630
466981.85	3761015.68	0.00741	
	467001.85	3761015.68	0.00871
467021.85	3761015.68	0.01021	
	467041.85	3761015.68	0.01193
467061.85	3761015.68	0.01391	
	467081.85	3761015.68	0.01584
467101.85	3761015.68	0.01742	
	467121.85	3761015.68	0.01864
467141.85	3761015.68	0.01944	
	467161.85	3761015.68	0.01985
467181.85	3761015.68	0.01975	
	467201.85	3761015.68	0.01926
467221.85	3761015.68	0.01837	
	467241.85	3761015.68	0.01709
467261.85	3761015.68	0.01561	
	467281.85	3761015.68	0.01415
467301.85	3761015.68	0.01281	
	467321.85	3761015.68	0.01162
467341.85	3761015.68	0.01055	
	467361.85	3761015.68	0.00962
467381.85	3761015.68	0.00869	
	466821.85	3761035.68	0.00231
466841.85	3761035.68	0.00253	
	466861.85	3761035.68	0.00280
466881.85	3761035.68	0.00311	
	466901.85	3761035.68	0.00346
466921.85	3761035.68	0.00388	
	466941.85	3761035.68	0.00435
466961.85	3761035.68	0.00489	
	466981.85	3761035.68	0.00548
467001.85	3761035.68	0.00610	
	467021.85	3761035.68	0.00676
467041.85	3761035.68	0.00746	
	467061.85	3761035.68	0.00821
467081.85	3761035.68	0.00898	
	467101.85	3761035.68	0.00969
467121.85	3761035.68	0.01030	
	467141.85	3761035.68	0.01077
467161.85	3761035.68	0.01111	
	467181.85	3761035.68	0.01129
467201.85	3761035.68	0.01128	
	467221.85	3761035.68	0.01114
467241.85	3761035.68	0.01085	
	467261.85	3761035.68	0.01042
467281.85	3761035.68	0.00986	
	467301.85	3761035.68	0.00927
467321.85	3761035.68	0.00868	
	467341.85	3761035.68	0.00808
467361.85	3761035.68	0.00753	
	467381.85	3761035.68	0.00693
466821.85	3761055.68	0.00206	
	466841.85	3761055.68	0.00225
466861.85	3761055.68	0.00246	

*** AERMOD - VERSION 24142 *** *** Massachusetts Avenue
 *** 02/05/25
 *** AERMET - VERSION 22112 *** *** Period Average DPM Project
 Construction *** 11:49:04

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): A0000023 ,
 A0000024 , A0000025 , A0000026 , A0000027 ,
 A0000028 , A0000029 , A0000030 , A0000031 ,
 A0000032 , A0000033 , A0000034 , A0000035 ,
 A0000036 , A0000037 , A0000038 , A0000016 ,
 A0000017 , A0000018 , A0000019 , A0000020 ,
 A0000021 , A0000022 , CONST_AREA ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF DPM	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
466881.85	3761055.68	0.00269		
466901.85	3761055.68	0.00294		
466921.85	3761055.68	0.00323		
466941.85	3761055.68	0.00355		
466961.85	3761055.68	0.00388		
466981.85	3761055.68	0.00422		
467001.85	3761055.68	0.00455		
467021.85	3761055.68	0.00488		
467041.85	3761055.68	0.00522		
467061.85	3761055.68	0.00557		
467081.85	3761055.68	0.00592		
467101.85	3761055.68	0.00626		
467121.85	3761055.68	0.00657		
467141.85	3761055.68	0.00685		
467161.85	3761055.68	0.00710		
467181.85	3761055.68	0.00731		
467201.85	3761055.68	0.00740		
467221.85	3761055.68	0.00743		
467241.85	3761055.68	0.00739		
467261.85	3761055.68	0.00727		
467281.85	3761055.68	0.00707		
467301.85	3761055.68	0.00682		
467321.85	3761055.68	0.00654		
467341.85	3761055.68	0.00622		
467361.85	3761055.68	0.00591		
467381.85	3761055.68	0.00553		

	466821.85	3761075.68	0.00184
466841.85	3761075.68	0.00199	
	466861.85	3761075.68	0.00215
466881.85	3761075.68	0.00233	
	466901.85	3761075.68	0.00252
466921.85	3761075.68	0.00272	
	466941.85	3761075.68	0.00293
466961.85	3761075.68	0.00314	
	466981.85	3761075.68	0.00334
467001.85	3761075.68	0.00353	
	467021.85	3761075.68	0.00372
467041.85	3761075.68	0.00390	
	467061.85	3761075.68	0.00408
467081.85	3761075.68	0.00426	
	467101.85	3761075.68	0.00443
467121.85	3761075.68	0.00461	
	467141.85	3761075.68	0.00477
467161.85	3761075.68	0.00494	
	467181.85	3761075.68	0.00513
467201.85	3761075.68	0.00523	
	467221.85	3761075.68	0.00529
467241.85	3761075.68	0.00532	
	467261.85	3761075.68	0.00531
467281.85	3761075.68	0.00525	
	467301.85	3761075.68	0.00515
467321.85	3761075.68	0.00502	
	467341.85	3761075.68	0.00486
467361.85	3761075.68	0.00468	
	467381.85	3761075.68	0.00449
466821.85	3761095.68	0.00165	
	466841.85	3761095.68	0.00176
466861.85	3761095.68	0.00189	
	466881.85	3761095.68	0.00202
466901.85	3761095.68	0.00216	
	466921.85	3761095.68	0.00230
466941.85	3761095.68	0.00244	
	466961.85	3761095.68	0.00258
466981.85	3761095.68	0.00271	
	467001.85	3761095.68	0.00283
467021.85	3761095.68	0.00294	
	467041.85	3761095.68	0.00304
467061.85	3761095.68	0.00314	
	467081.85	3761095.68	0.00324
467101.85	3761095.68	0.00334	
	467121.85	3761095.68	0.00345
467141.85	3761095.68	0.00355	
	467161.85	3761095.68	0.00367
467181.85	3761095.68	0.00382	
	467201.85	3761095.68	0.00390
467221.85	3761095.68	0.00396	
	467241.85	3761095.68	0.00400
467261.85	3761095.68	0.00403	
	467281.85	3761095.68	0.00402
467301.85	3761095.68	0.00399	

COORD	X-COORD (M)	Y-COORD (M)	CONC	X-
467341.85	467321.85	3761095.68	0.00393	
		3761095.68	0.00385	
467381.85	467361.85	3761095.68	0.00375	
		3761095.68	0.00365	
466841.85	466821.85	3761115.68	0.00148	
		3761115.68	0.00157	
466881.85	466861.85	3761115.68	0.00166	
		3761115.68	0.00176	
466921.85	466901.85	3761115.68	0.00187	
		3761115.68	0.00197	
466961.85	466941.85	3761115.68	0.00207	
		3761115.68	0.00216	
467001.85	466981.85	3761115.68	0.00225	
		3761115.68	0.00233	
467041.85	467021.85	3761115.68	0.00241	
		3761115.68	0.00247	
467081.85	467061.85	3761115.68	0.00254	
		3761115.68	0.00260	
467121.85	467101.85	3761115.68	0.00266	
		3761115.68	0.00272	
467161.85	467141.85	3761115.68	0.00279	
		3761115.68	0.00287	
467201.85	467181.85	3761115.68	0.00297	
		3761115.68	0.00304	
467241.85	467221.85	3761115.68	0.00307	
		3761115.68	0.00311	

	467261.85	3761115.68	0.00314
467281.85	3761115.68	0.00316	
	467301.85	3761115.68	0.00316
467321.85	3761115.68	0.00314	
	467341.85	3761115.68	0.00310
467361.85	3761115.68	0.00305	
	467381.85	3761115.68	0.00299
466821.85	3761135.68	0.00132	
	466841.85	3761135.68	0.00140
466861.85	3761135.68	0.00147	
	466881.85	3761135.68	0.00155
466901.85	3761135.68	0.00163	
	466921.85	3761135.68	0.00170
466941.85	3761135.68	0.00177	
	466961.85	3761135.68	0.00185
466981.85	3761135.68	0.00193	
	467001.85	3761135.68	0.00203
467021.85	3761135.68	0.00206	
	467041.85	3761135.68	0.00210
467061.85	3761135.68	0.00214	
	467081.85	3761135.68	0.00218
467101.85	3761135.68	0.00222	
	467121.85	3761135.68	0.00226
467141.85	3761135.68	0.00231	
	467161.85	3761135.68	0.00236
467181.85	3761135.68	0.00241	
	467201.85	3761135.68	0.00242
467221.85	3761135.68	0.00244	
	467241.85	3761135.68	0.00247
467261.85	3761135.68	0.00251	
	467281.85	3761135.68	0.00253
467301.85	3761135.68	0.00254	
	467321.85	3761135.68	0.00254
467341.85	3761135.68	0.00253	
	467361.85	3761135.68	0.00251
467381.85	3761135.68	0.00248	
	466821.85	3761155.68	0.00119
466841.85	3761155.68	0.00125	
	466861.85	3761155.68	0.00131
466881.85	3761155.68	0.00137	
	466901.85	3761155.68	0.00143
466921.85	3761155.68	0.00149	
	466941.85	3761155.68	0.00156
466961.85	3761155.68	0.00165	
	466981.85	3761155.68	0.00166
467001.85	3761155.68	0.00166	
	467021.85	3761155.68	0.00167
467041.85	3761155.68	0.00168	
	467061.85	3761155.68	0.00170
467081.85	3761155.68	0.00172	
	467101.85	3761155.68	0.00175
467121.85	3761155.68	0.00178	
	467141.85	3761155.68	0.00181
467161.85	3761155.68	0.00185	

	X-COORD (M)	Y-COORD (M)	CONC	X-
COORD (M)	Y-COORD (M)	CONC		
	467181.85	3761155.68	0.00189	
467201.85	3761155.68	0.00193		
	467221.85	3761155.68	0.00197	
467241.85	3761155.68	0.00201		
	467261.85	3761155.68	0.00204	
467281.85	3761155.68	0.00206		
	467301.85	3761155.68	0.00208	
467321.85	3761155.68	0.00209		
	467341.85	3761155.68	0.00209	
467361.85	3761155.68	0.00209		
	467381.85	3761155.68	0.00207	
466821.85	3761175.68	0.00107		
	466841.85	3761175.68	0.00112	
466861.85	3761175.68	0.00117		
	466881.85	3761175.68	0.00123	
466901.85	3761175.68	0.00129		
	466921.85	3761175.68	0.00138	
466941.85	3761175.68	0.00139		
	466961.85	3761175.68	0.00138	
466981.85	3761175.68	0.00139		
	467001.85	3761175.68	0.00139	
467021.85	3761175.68	0.00140		
	467041.85	3761175.68	0.00141	
467061.85	3761175.68	0.00142		
	467081.85	3761175.68	0.00143	
467101.85	3761175.68	0.00145		

	467121.85	3761175.68	0.00147
467141.85	3761175.68	0.00150	
	467161.85	3761175.68	0.00153
467181.85	3761175.68	0.00156	
	467201.85	3761175.68	0.00159
467221.85	3761175.68	0.00162	
	467241.85	3761175.68	0.00166
467261.85	3761175.68	0.00168	
	467281.85	3761175.68	0.00171
467301.85	3761175.68	0.00172	
	467321.85	3761175.68	0.00174
467341.85	3761175.68	0.00175	
	467361.85	3761175.68	0.00175
467381.85	3761175.68	0.00175	
	466771.85	3760235.68	0.00100
466821.85	3760235.68	0.00100	
	466871.85	3760235.68	0.00099
466921.85	3760235.68	0.00096	
	466971.85	3760235.68	0.00090
467021.85	3760235.68	0.00079	
	467071.85	3760235.68	0.00066
467121.85	3760235.68	0.00053	
	467171.85	3760235.68	0.00041
467221.85	3760235.68	0.00033	
	467271.85	3760235.68	0.00028
467321.85	3760235.68	0.00025	
	467371.85	3760235.68	0.00023
467421.85	3760235.68	0.00022	
	467471.85	3760235.68	0.00021
467521.85	3760235.68	0.00021	
	467571.85	3760235.68	0.00021
467621.85	3760235.68	0.00021	
	467671.85	3760235.68	0.00022
466771.85	3760285.68	0.00120	
	466821.85	3760285.68	0.00120
466871.85	3760285.68	0.00119	
	466921.85	3760285.68	0.00116
466971.85	3760285.68	0.00109	
	467021.85	3760285.68	0.00097
467071.85	3760285.68	0.00081	
	467121.85	3760285.68	0.00064
467171.85	3760285.68	0.00050	
	467221.85	3760285.68	0.00039
467271.85	3760285.68	0.00033	
	467321.85	3760285.68	0.00029
467371.85	3760285.68	0.00027	
	467421.85	3760285.68	0.00026
467471.85	3760285.68	0.00025	
	467521.85	3760285.68	0.00025
467571.85	3760285.68	0.00026	
	467621.85	3760285.68	0.00026
467671.85	3760285.68	0.00028	
	466771.85	3760335.68	0.00145
466821.85	3760335.68	0.00146	

COORD	X-COORD (M)	Y-COORD (M)	CONC	X-
466821.85	466871.85	3760335.68	0.00146	
466921.85	3760335.68	0.00144		
466971.85	3760335.68	0.00136		
467021.85	3760335.68	0.00121		
467071.85	3760335.68	0.00101		
467121.85	3760335.68	0.00079		
467171.85	3760335.68	0.00060		
467221.85	3760335.68	0.00047		
467271.85	3760335.68	0.00039		
467321.85	3760335.68	0.00035		
467371.85	3760335.68	0.00032		
467421.85	3760335.68	0.00031		
467471.85	3760335.68	0.00031		
467521.85	3760335.68	0.00032		
467571.85	3760335.68	0.00033		
467621.85	3760335.68	0.00034		
467671.85	3760335.68	0.00036		
466771.85	3760385.68	0.00176		
466821.85	3760385.68	0.00181		
466871.85	3760385.68	0.00183		
466921.85	3760385.68	0.00181		
466971.85	3760385.68	0.00173		
467021.85	3760385.68	0.00155		
467071.85	3760385.68	0.00129		
467121.85	3760385.68	0.00100		
467171.85	3760385.68	0.00074		

	467221.85	3760385.68	0.00057
467271.85	3760385.68	0.00048	
	467321.85	3760385.68	0.00043
467371.85	3760385.68	0.00041	
	467421.85	3760385.68	0.00040
467471.85	3760385.68	0.00040	
	467521.85	3760385.68	0.00042
467571.85	3760385.68	0.00044	
	467621.85	3760385.68	0.00046
467671.85	3760385.68	0.00048	
	466771.85	3760435.68	0.00217
466821.85	3760435.68	0.00226	
	466871.85	3760435.68	0.00233
466921.85	3760435.68	0.00235	
	466971.85	3760435.68	0.00227
467021.85	3760435.68	0.00205	
	467071.85	3760435.68	0.00170
467121.85	3760435.68	0.00130	
	467171.85	3760435.68	0.00095
467221.85	3760435.68	0.00072	
	467271.85	3760435.68	0.00060
467321.85	3760435.68	0.00055	
	467371.85	3760435.68	0.00054
467421.85	3760435.68	0.00054	
	467471.85	3760435.68	0.00056
467521.85	3760435.68	0.00059	
	467571.85	3760435.68	0.00062
467621.85	3760435.68	0.00065	
	467671.85	3760435.68	0.00068
466771.85	3760485.68	0.00266	
	466821.85	3760485.68	0.00286
466871.85	3760485.68	0.00302	
	466921.85	3760485.68	0.00312
466971.85	3760485.68	0.00307	
	467021.85	3760485.68	0.00281
467071.85	3760485.68	0.00234	
	467121.85	3760485.68	0.00177
467171.85	3760485.68	0.00127	
	467221.85	3760485.68	0.00095
467271.85	3760485.68	0.00081	
	467321.85	3760485.68	0.00076
467371.85	3760485.68	0.00077	
	467421.85	3760485.68	0.00080
467471.85	3760485.68	0.00084	
	467521.85	3760485.68	0.00088
467571.85	3760485.68	0.00093	
	467621.85	3760485.68	0.00096
467671.85	3760485.68	0.00098	
	466771.85	3760535.68	0.00323
467421.85	3760535.68	0.00130	
	467471.85	3760535.68	0.00136
467521.85	3760535.68	0.00141	
	467571.85	3760535.68	0.00144
467621.85	3760535.68	0.00145	

COORD	X-COORD (M)	Y-COORD (M)	CONC	X-
466771.85	467671.85	3760535.68	0.00145	
		3760585.68	0.00385	
467471.85	467421.85	3760585.68	0.00231	
		3760585.68	0.00234	
467571.85	467521.85	3760585.68	0.00233	
		3760585.68	0.00228	
467671.85	467621.85	3760585.68	0.00220	
		3760585.68	0.00212	
467421.85	466771.85	3760635.68	0.00439	
		3760635.68	0.00433	
467521.85	467471.85	3760635.68	0.00411	
		3760635.68	0.00382	
467621.85	467571.85	3760635.68	0.00351	
		3760635.68	0.00324	
466771.85	467671.85	3760635.68	0.00299	
		3760685.68	0.00472	
467471.85	467421.85	3760685.68	0.00777	
		3760685.68	0.00675	
467571.85	467521.85	3760685.68	0.00588	
		3760685.68	0.00514	
467671.85	467621.85	3760685.68	0.00453	
		3760685.68	0.00402	
467421.85	466771.85	3760735.68	0.00475	
		3760735.68	0.01242	
467521.85	467471.85	3760735.68	0.01010	
		3760735.68	0.00836	

	467571.85	3760735.68	0.00704
467621.85	3760735.68	0.00604	
	467671.85	3760735.68	0.00520
466771.85	3760785.68	0.00450	
	467421.85	3760785.68	0.01576
467471.85	3760785.68	0.01216	
	467521.85	3760785.68	0.00967
467571.85	3760785.68	0.00786	
	467621.85	3760785.68	0.00650
467671.85	3760785.68	0.00544	
	466771.85	3760835.68	0.00403
467421.85	3760835.68	0.01717	
	467471.85	3760835.68	0.01305
467521.85	3760835.68	0.01018	
	467571.85	3760835.68	0.00817
467621.85	3760835.68	0.00669	
	467671.85	3760835.68	0.00556
466771.85	3760885.68	0.00342	
	467421.85	3760885.68	0.01628
467471.85	3760885.68	0.01226	
	467521.85	3760885.68	0.00956
467571.85	3760885.68	0.00765	
	467621.85	3760885.68	0.00626
467671.85	3760885.68	0.00521	
	466771.85	3760935.68	0.00282
467421.85	3760935.68	0.01346	
	467471.85	3760935.68	0.01020
467521.85	3760935.68	0.00807	
	467571.85	3760935.68	0.00649
467621.85	3760935.68	0.00534	
	467671.85	3760935.68	0.00449
466771.85	3760985.68	0.00229	
	467421.85	3760985.68	0.00949
467471.85	3760985.68	0.00751	
	467521.85	3760985.68	0.00607
467571.85	3760985.68	0.00500	
	467621.85	3760985.68	0.00420
467671.85	3760985.68	0.00361	
	466771.85	3761035.68	0.00185
467421.85	3761035.68	0.00596	
	467471.85	3761035.68	0.00499
467521.85	3761035.68	0.00423	
	467571.85	3761035.68	0.00358
467621.85	3761035.68	0.00308	
	467671.85	3761035.68	0.00268
466771.85	3761085.68	0.00146	
	467421.85	3761085.68	0.00368
467471.85	3761085.68	0.00328	
	467521.85	3761085.68	0.00290
467571.85	3761085.68	0.00251	
	467621.85	3761085.68	0.00221
467671.85	3761085.68	0.00200	
	466771.85	3761135.68	0.00115
467421.85	3761135.68	0.00236	

*** AERMOD - VERSION 24142 *** *** Massachusetts Avenue
 *** 02/05/25
 *** AERMET - VERSION 22112 *** *** Period Average DPM Project
 Construction *** 11:49:04

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): A0000023 ,
 A0000024 , A0000025 , A0000026 , A0000027 ,
 A0000028 , A0000029 , A0000030 , A0000031 ,
 A0000032 , A0000033 , A0000034 , A0000035 ,
 A0000036 , A0000037 , A0000038 , A0000016 ,
 A0000017 , A0000018 , A0000019 , A0000020 ,
 A0000021 , A0000022 , CONST_AREA ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF DPM	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
467471.85	3761135.68	0.00217		
467521.85	3761135.68	0.00196		
467571.85	3761135.68	0.00179		
467621.85	3761135.68	0.00166		
467671.85	3761135.68	0.00155		
466771.85	3761185.68	0.00092		
466821.85	3761185.68	0.00102		
466871.85	3761185.68	0.00114		
466921.85	3761185.68	0.00128		
466971.85	3761185.68	0.00128		
467021.85	3761185.68	0.00129		
467071.85	3761185.68	0.00131		
467121.85	3761185.68	0.00135		
467171.85	3761185.68	0.00141		
467221.85	3761185.68	0.00149		
467271.85	3761185.68	0.00155		
467321.85	3761185.68	0.00159		
467371.85	3761185.68	0.00161		
467421.85	3761185.68	0.00154		
467471.85	3761185.68	0.00146		
467521.85	3761185.68	0.00139		
467571.85	3761185.68	0.00137		
467621.85	3761185.68	0.00132		
467671.85	3761185.68	0.00123		
466771.85	3761235.68	0.00073		
466821.85	3761235.68	0.00079		

	466871.85	3761235.68	0.00084
466921.85	3761235.68	0.00088	
	466971.85	3761235.68	0.00090
467021.85	3761235.68	0.00090	
	467071.85	3761235.68	0.00090
467121.85	3761235.68	0.00092	
	467171.85	3761235.68	0.00096
467221.85	3761235.68	0.00100	
	467271.85	3761235.68	0.00104
467321.85	3761235.68	0.00106	
	467371.85	3761235.68	0.00105
467421.85	3761235.68	0.00102	
	467471.85	3761235.68	0.00104
467521.85	3761235.68	0.00109	
	467571.85	3761235.68	0.00107
467621.85	3761235.68	0.00103	
	467671.85	3761235.68	0.00098
466771.85	3761285.68	0.00059	
	466821.85	3761285.68	0.00062
466871.85	3761285.68	0.00065	
	466921.85	3761285.68	0.00066
466971.85	3761285.68	0.00066	
	467021.85	3761285.68	0.00066
467071.85	3761285.68	0.00066	
	467121.85	3761285.68	0.00067
467171.85	3761285.68	0.00070	
	467221.85	3761285.68	0.00072
467271.85	3761285.68	0.00074	
	467321.85	3761285.68	0.00075
467371.85	3761285.68	0.00076	
	467421.85	3761285.68	0.00076
467471.85	3761285.68	0.00078	
	467521.85	3761285.68	0.00082
467571.85	3761285.68	0.00082	
	467621.85	3761285.68	0.00081
467671.85	3761285.68	0.00079	
	467721.85	3760235.68	0.00023
467821.85	3760235.68	0.00025	
	467921.85	3760235.68	0.00028
468021.85	3760235.68	0.00030	
	468121.85	3760235.68	0.00032
468221.85	3760235.68	0.00033	
	467721.85	3760335.68	0.00038
467821.85	3760335.68	0.00077	
	467921.85	3760335.68	0.00084
468021.85	3760335.68	0.00089	
	468121.85	3760335.68	0.00091
468221.85	3760335.68	0.00094	
	467721.85	3760435.68	0.00071
467821.85	3760435.68	0.00096	
	467921.85	3760435.68	0.00078
468021.85	3760435.68	0.00076	
	468121.85	3760435.68	0.00075
468221.85	3760435.68	0.00072	

	X-COORD (M)	Y-COORD (M)	CONC	X-
COORD (M)	Y-COORD (M)	CONC		
	467721.85	3760535.68	0.00144	
467821.85	3760535.68	0.00159		
	467921.85	3760535.68	0.00131	
468021.85	3760535.68	0.00118		
	468121.85	3760535.68	0.00108	
468221.85	3760535.68	0.00099		
	467721.85	3760635.68	0.00278	
467821.85	3760635.68	0.00253		
	467921.85	3760635.68	0.00198	
468021.85	3760635.68	0.00169		
	468121.85	3760635.68	0.00145	
468221.85	3760635.68	0.00127		
	467721.85	3760735.68	0.00454	
467821.85	3760735.68	0.00345		
	467921.85	3760735.68	0.00256	
468021.85	3760735.68	0.00207		
	468121.85	3760735.68	0.00173	
468221.85	3760735.68	0.00146		
	467721.85	3760835.68	0.00469	
467821.85	3760835.68	0.00346		
	467921.85	3760835.68	0.00263	
468021.85	3760835.68	0.00213		
	468121.85	3760835.68	0.00174	
468221.85	3760835.68	0.00145		
	467721.85	3760935.68	0.00381	
467821.85	3760935.68	0.00287		

	467921.85	3760935.68	0.00225
468021.85	3760935.68	0.00181	
	468121.85	3760935.68	0.00150
468221.85	3760935.68	0.00126	
	467721.85	3761035.68	0.00227
467821.85	3761035.68	0.00193	
	467921.85	3761035.68	0.00159
468021.85	3761035.68	0.00133	
	468121.85	3761035.68	0.00113
468221.85	3761035.68	0.00098	
	467721.85	3761135.68	0.00144
467821.85	3761135.68	0.00122	
	467921.85	3761135.68	0.00105
468021.85	3761135.68	0.00092	
	468121.85	3761135.68	0.00081
468221.85	3761135.68	0.00073	
	467721.85	3761235.68	0.00093
467821.85	3761235.68	0.00083	
	467921.85	3761235.68	0.00073
468021.85	3761235.68	0.00066	
	468121.85	3761235.68	0.00060
468221.85	3761235.68	0.00054	
	467299.51	3761159.70	0.00200
467829.63	3760661.47	0.00273	
	467826.42	3760642.38	0.00256
467826.75	3760623.29	0.00238	
	467867.23	3760685.18	0.00264
467870.69	3760660.39	0.00241	
	467873.57	3760638.77	0.00221
467875.48	3760611.64	0.00198	
	467890.19	3760591.75	0.00177
467902.58	3760574.16	0.00160	
	467852.27	3760310.02	0.00049
467887.79	3760311.22	0.00053	
	467919.71	3760310.42	0.00053
467957.21	3760309.62	0.00054	
	468003.50	3760309.62	0.00055
468051.38	3760311.62	0.00057	
	468086.49	3760312.82	0.00059
468125.99	3760311.22	0.00058	
	468154.32	3760312.42	0.00059
467934.74	3760865.52	0.00249	
	467954.70	3760841.58	0.00244
467977.04	3760812.05	0.00237	
	467995.00	3760788.10	0.00228
468017.75	3760766.55	0.00215	
	468178.09	3760581.76	0.00118
468258.14	3760499.02	0.00086	
	467788.67	3760754.43	0.00371
467866.38	3760800.22	0.00308	
	467880.77	3760783.56	0.00295
467903.95	3760761.63	0.00275	

COORD	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
466841.85	466821.85	3760535.68	0.89378	(19121908)	
466881.85	466861.85	3760535.68	0.95712	(19121908)	
466921.85	466901.85	3760535.68	1.13671	(22113008)	
466961.85	466941.85	3760535.68	1.26888	(22113008)	
467001.85	466981.85	3760535.68	1.21597	(22113008)	
467041.85	467021.85	3760535.68	1.31408	(20012008)	
467081.85	467061.85	3760535.68	1.22684	(20012008)	
467121.85	467101.85	3760535.68	0.95079	(20012008)	
467161.85	467141.85	3760535.68	1.01141	(23022708)	
467201.85	467181.85	3760535.68	1.06540	(23022708)	
467241.85	467221.85	3760535.68	1.01896	(23122208)	
467281.85	467261.85	3760535.68	1.06719	(23122208)	
467321.85	467301.85	3760535.68	0.95834	(23122208)	

467341.85	3760535.68	0.86841	(23122208)
467361.85	3760535.68	0.78944	(23122908)
467381.85	3760535.68	0.72178	(23122908)
466821.85	3760555.68	0.88943	(22123008)
466841.85	3760555.68	0.91172	(19121908)
466861.85	3760555.68	0.97611	(19121908)
466881.85	3760555.68	1.02064	(19121908)
466901.85	3760555.68	1.03869	(19121908)
466921.85	3760555.68	1.16359	(22113008)
466941.85	3760555.68	1.27950	(22113008)
466961.85	3760555.68	1.35418	(22113008)
466981.85	3760555.68	1.37680	(22113008)
467001.85	3760555.68	1.34287	(22113008)
467021.85	3760555.68	1.35132	(20012008)
467041.85	3760555.68	1.40921	(20012008)
467061.85	3760555.68	1.40242	(20012008)
467081.85	3760555.68	1.33497	(20012008)
467101.85	3760555.68	1.21297	(20012008)
467121.85	3760555.68	1.04771	(20012008)
467141.85	3760555.68	1.02574	(23022708)
467161.85	3760555.68	1.11080	(23022708)
467181.85	3760555.68	1.15228	(23022708)
467201.85	3760555.68	1.14408	(23022708)
467221.85	3760555.68	1.08475	(23022708)
467241.85	3760555.68	1.08611	(23122208)
467261.85	3760555.68	1.14389	(23122208)
467281.85	3760555.68	1.12521	(23122208)
467301.85	3760555.68	1.06191	(23122208)
467321.85	3760555.68	0.96518	(23122208)
467341.85	3760555.68	0.86006	(23122908)
467361.85	3760555.68	0.79160	(23122908)
467381.85	3760555.68	0.71126	(23122908)
466821.85	3760575.68	1.00516	(22123008)
466841.85	3760575.68	0.98423	(22123008)
466861.85	3760575.68	1.00140	(19121908)
466881.85	3760575.68	1.07216	(19121908)
466901.85	3760575.68	1.11839	(19121908)
466921.85	3760575.68	1.17950	(22113008)
466941.85	3760575.68	1.32862	(22113008)
466961.85	3760575.68	1.43837	(22113008)
466981.85	3760575.68	1.49206	(22113008)
467001.85	3760575.68	1.48133	(22113008)
467021.85	3760575.68	1.44037	(20012008)
467041.85	3760575.68	1.51558	(20012008)
467061.85	3760575.68	1.51898	(20012008)
467081.85	3760575.68	1.45649	(20012008)
467101.85	3760575.68	1.33353	(20012008)
467121.85	3760575.68	1.16047	(20012008)
467141.85	3760575.68	1.14104	(23022708)
467161.85	3760575.68	1.22257	(23022708)
467181.85	3760575.68	1.25426	(23022708)
467201.85	3760575.68	1.22938	(23022708)
467221.85	3760575.68	1.16378	(23122208)
467241.85	3760575.68	1.19424	(23122208)

COORD	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
467281.85	467261.85	3760575.68	1.16852	(23122208)	
467321.85	467301.85	3760575.68	0.95752	(23122208)	
467361.85	467341.85	3760575.68	0.77949	(23122908)	
466821.85	467381.85	3760575.68	1.11275	(22123008)	
466861.85	466841.85	3760595.68	1.09670	(22123008)	
466901.85	466881.85	3760595.68	1.10701	(19121908)	
466941.85	466921.85	3760595.68	1.23335	(19121908)	
466981.85	466961.85	3760595.68	1.51907	(22113008)	
467021.85	467001.85	3760595.68	1.63199	(22113008)	
467061.85	467041.85	3760595.68	1.63579	(20012008)	
467101.85	467081.85	3760595.68	1.59449	(20012008)	
467141.85	467121.85	3760595.68	1.29423	(20012008)	
467181.85	467161.85	3760595.68	1.34994	(23022708)	
			1.36944	(23022708)	

467201.85	3760595.68	1.32308	(23022708)
467221.85	3760595.68	1.30007	(23122208)
467241.85	3760595.68	1.30605	(23122208)
467261.85	3760595.68	1.25674	(23122208)
467281.85	3760595.68	1.16230	(23122208)
467301.85	3760595.68	1.07881	(23122208)
467321.85	3760595.68	0.94919	(23122908)
467341.85	3760595.68	0.85879	(23122908)
467361.85	3760595.68	0.75783	(23122908)
467381.85	3760595.68	0.70265	(21123108)
466821.85	3760615.68	1.20415	(22123008)
466841.85	3760615.68	1.23245	(22123008)
466861.85	3760615.68	1.24331	(22123008)
466881.85	3760615.68	1.23274	(22123008)
466901.85	3760615.68	1.23422	(19121908)
466921.85	3760615.68	1.32231	(19121908)
466941.85	3760615.68	1.39225	(22113008)
466961.85	3760615.68	1.59323	(22113008)
466981.85	3760615.68	1.73674	(22113008)
467001.85	3760615.68	1.79713	(22113008)
467021.85	3760615.68	1.76765	(22113008)
467041.85	3760615.68	1.77532	(20012008)
467061.85	3760615.68	1.80302	(20012008)
467081.85	3760615.68	1.75304	(20012008)
467101.85	3760615.68	1.63649	(20012008)
467121.85	3760615.68	1.45314	(20012008)
467141.85	3760615.68	1.42622	(23022708)
467161.85	3760615.68	1.49611	(23022708)
467181.85	3760615.68	1.50110	(23022708)
467201.85	3760615.68	1.42830	(23022708)
467221.85	3760615.68	1.44852	(23122208)
467241.85	3760615.68	1.41938	(23122208)
467261.85	3760615.68	1.32843	(23122208)
467281.85	3760615.68	1.19299	(23122208)
467301.85	3760615.68	1.03556	(23122208)
467321.85	3760615.68	0.94876	(23122908)
467341.85	3760615.68	0.83945	(23122908)
467361.85	3760615.68	0.77004	(21123108)
467381.85	3760615.68	0.75219	(21123108)
466821.85	3760635.68	1.27141	(22123008)
466841.85	3760635.68	1.33010	(22123008)
466861.85	3760635.68	1.37439	(22123008)
466881.85	3760635.68	1.39965	(22123008)
466901.85	3760635.68	1.40005	(22123008)
466921.85	3760635.68	1.39050	(19121908)
466941.85	3760635.68	1.49080	(19121908)
466961.85	3760635.68	1.65583	(22113008)
466981.85	3760635.68	1.86414	(22113008)
467001.85	3760635.68	1.98013	(22113008)
467021.85	3760635.68	1.98506	(22113008)
467041.85	3760635.68	1.94149	(20012008)
467061.85	3760635.68	1.98198	(20012008)
467081.85	3760635.68	1.93799	(20012008)
467101.85	3760635.68	1.82742	(20012008)

COORD	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
467141.85	467121.85	3760635.68	1.60601	1.64412 (20012008)	
467181.85	467161.85	3760635.68	1.65545	(23022708)	
467221.85	467201.85	3760635.68	1.61033	1.66737 (23022708)	
467261.85	467241.85	3760635.68	1.38549	(23022708)	
467301.85	467281.85	3760635.68	1.02191	1.60498 (23122208)	
467341.85	467321.85	3760635.68	0.84562	(23122208)	
467381.85	467361.85	3760635.68	0.79194	1.53095 (23122208)	
466841.85	466821.85	3760655.68	1.39621	(23122208)	
466881.85	466861.85	3760655.68	1.54457	1.20490 (23122208)	
466921.85	466901.85	3760655.68	1.61226	(23122908)	
466961.85	466941.85	3760655.68	1.70548	0.93868 (23122908)	
467001.85	466981.85	3760655.68	2.18617	(21123108)	
467041.85	467021.85	3760655.68	2.17178	0.82148 (21123108)	
				0.79194 (21123108)	
				1.31818 (22122908)	
				(22123008)	
				1.47691 (22123008)	
				(22123008)	
				1.59247 (22123008)	
				(22123008)	
				1.59257 (22123008)	
				(19121908)	
				1.99114 (22113008)	
				(22113008)	
				2.24019 (22113008)	
				(22113008)	

	467061.85	3760655.68	2.19715	(20012008)
467081.85	3760655.68	2.15958	(20012008)	
	467101.85	3760655.68	2.05725	(20012008)
467121.85	3760655.68	1.87847	(20012008)	
	467141.85	3760655.68	1.82296	(23022708)
467161.85	3760655.68	1.87527	(23022708)	
	467181.85	3760655.68	1.84337	(23022708)
467201.85	3760655.68	1.82826	(23122208)	
	467221.85	3760655.68	1.78216	(23122208)
467241.85	3760655.68	1.63401	(23122208)	
	467261.85	3760655.68	1.42285	(23122208)
467281.85	3760655.68	1.19291	(23122208)	
	467301.85	3760655.68	1.02912	(23122908)
467321.85	3760655.68	0.90338	(21123108)	
	467341.85	3760655.68	0.85528	(21123108)
467361.85	3760655.68	0.85696	(21123108)	
	467381.85	3760655.68	0.80340	(21123108)
466821.85	3760675.68	1.38878	(22122908)	
	466841.85	3760675.68	1.46076	(22122908)
466861.85	3760675.68	1.53937	(22123008)	
	466881.85	3760675.68	1.65026	(22123008)
466901.85	3760675.68	1.75211	(22123008)	
	466921.85	3760675.68	1.83642	(22123008)
466941.85	3760675.68	1.89092	(22123008)	
	466961.85	3760675.68	1.89482	(22123008)
466981.85	3760675.68	2.11049	(22113008)	
	467001.85	3760675.68	2.42514	(22113008)
467021.85	3760675.68	2.55532	(22113008)	
	467041.85	3760675.68	2.51228	(22113008)
467061.85	3760675.68	2.46997	(20012008)	
	467081.85	3760675.68	2.43747	(20012008)
467101.85	3760675.68	2.34497	(20012008)	
	467121.85	3760675.68	2.17601	(20012008)
467141.85	3760675.68	2.09881	(23022708)	
	467161.85	3760675.68	2.14224	(23022708)
467181.85	3760675.68	2.08813	(23022708)	
	467201.85	3760675.68	2.09646	(23122208)
467221.85	3760675.68	1.96606	(23122208)	
	467241.85	3760675.68	1.71802	(23122208)
467261.85	3760675.68	1.42899	(23122208)	
	467281.85	3760675.68	1.19680	(23122908)
467301.85	3760675.68	1.03859	(21123108)	
	467321.85	3760675.68	0.96903	(21123108)
467341.85	3760675.68	0.91088	(20121708)	
	467361.85	3760675.68	0.90222	(20121708)
467381.85	3760675.68	0.90699	(20121708)	
	466821.85	3760695.68	1.41604	(22122908)
466841.85	3760695.68	1.51594	(22122908)	
	466861.85	3760695.68	1.61713	(22122908)
466881.85	3760695.68	1.72029	(22122908)	
	466901.85	3760695.68	1.85689	(22123008)
466921.85	3760695.68	2.01049	(22123008)	
	466941.85	3760695.68	2.15722	(22123008)
466961.85	3760695.68	2.27921	(22123008)	

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): A0000023 ,
 A0000024 , A0000025 , A0000026 , A0000027 ,
 A0000028 , A0000029 , A0000030 , A0000031 ,
 A0000032 , A0000033 , A0000034 , A0000035 ,
 A0000036 , A0000037 , A0000038 , A0000016 ,
 A0000017 , A0000018 , A0000019 , A0000020 ,
 A0000021 , A0000022 , CONST_AREA ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

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

466981.85	3760695.68	2.33836	(22123008)		
467001.85	3760695.68	2.71359	(22113008)		
467021.85	3760695.68	2.97969	(22113008)		
467041.85	3760695.68	2.96637	(22113008)		
467061.85	3760695.68	2.84411	(20012008)		
467081.85	3760695.68	2.81436	(20012008)		
467101.85	3760695.68	2.73231	(20012008)		
467121.85	3760695.68	2.57940	(20012008)		
467141.85	3760695.68	2.48243	(23022708)		
467161.85	3760695.68	2.51823	(23022708)		
467181.85	3760695.68	2.48619	(23122208)		
467201.85	3760695.68	2.44095	(23122208)		
467221.85	3760695.68	2.15419	(23122208)		
467241.85	3760695.68	1.76273	(23122208)		
467261.85	3760695.68	1.42313	(23122908)		
467281.85	3760695.68	1.21388	(21123108)		
467301.85	3760695.68	1.13266	(20121708)		
467321.85	3760695.68	1.10081	(20121708)		
467341.85	3760695.68	1.06651	(20121708)		
467361.85	3760695.68	1.02833	(20121708)		
467381.85	3760695.68	1.01062	(20121708)		
466821.85	3760715.68	1.41594	(20011608)		
466841.85	3760715.68	1.52170	(22122908)		
466861.85	3760715.68	1.64952	(22122908)		
466881.85	3760715.68	1.78671	(22122908)		
466901.85	3760715.68	1.93555	(22122908)		

466921.85	3760715.68	2.10365	(22123008)
466941.85	3760715.68	2.33967	(22123008)
466961.85	3760715.68	2.60466	(22123008)
466981.85	3760715.68	2.89638	(22123008)
467001.85	3760715.68	3.11716	(22123008)
467021.85	3760715.68	3.66918	(22113008)
467041.85	3760715.68	3.68324	(22113008)
467061.85	3760715.68	3.57427	(22113008)
467081.85	3760715.68	3.42843	(20012008)
467101.85	3760715.68	3.34323	(20012008)
467121.85	3760715.68	3.19922	(20012008)
467141.85	3760715.68	3.11057	(23022708)
467161.85	3760715.68	3.14048	(23022708)
467181.85	3760715.68	3.11734	(23122208)
467201.85	3760715.68	2.92720	(23122208)
467221.85	3760715.68	2.29917	(23122208)
467241.85	3760715.68	1.75082	(23122908)
467261.85	3760715.68	1.50697	(20121708)
467281.85	3760715.68	1.41313	(20121708)
467301.85	3760715.68	1.32843	(20121708)
467321.85	3760715.68	1.25225	(20121708)
467341.85	3760715.68	1.18207	(20121708)
467361.85	3760715.68	1.11791	(20121708)
467381.85	3760715.68	1.05838	(20121708)
466821.85	3760735.68	1.47041	(20010908)
466841.85	3760735.68	1.56228	(20010908)
466861.85	3760735.68	1.66265	(20010908)
466881.85	3760735.68	1.78859	(22122908)
466901.85	3760735.68	1.96600	(22122908)
466921.85	3760735.68	2.17444	(22122908)
466941.85	3760735.68	2.42320	(22122908)
466961.85	3760735.68	2.76791	(22123008)
466981.85	3760735.68	3.29215	(22123008)
467001.85	3760735.68	4.27095	(22123008)
467201.85	3760735.68	3.61027	(23122208)
467221.85	3760735.68	2.34038	(20121708)
467241.85	3760735.68	1.98441	(20121708)
467261.85	3760735.68	1.75392	(20121708)
467281.85	3760735.68	1.58195	(20121708)
467301.85	3760735.68	1.44955	(20121708)
467321.85	3760735.68	1.34098	(20121708)
467341.85	3760735.68	1.24532	(20121708)
467361.85	3760735.68	1.16299	(20121708)
467381.85	3760735.68	1.08929	(20121708)
466821.85	3760755.68	1.48192	(20010908)
466841.85	3760755.68	1.58572	(20010908)
466861.85	3760755.68	1.70389	(20010908)
466881.85	3760755.68	1.83572	(20010908)
466901.85	3760755.68	1.98850	(20010908)
466921.85	3760755.68	2.17883	(20010908)
466941.85	3760755.68	2.43831	(22122908)
466961.85	3760755.68	2.79249	(22122908)
466981.85	3760755.68	3.32857	(22123008)
467001.85	3760755.68	4.44882	(22123008)

COORD	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
467221.85	467201.85	3760755.68	3.18229	4.56293 (22120108)	
467261.85	467241.85	3760755.68	2.09673	2.50716 (22120108)	
467301.85	467281.85	3760755.68	1.60768	1.81281 (22120108)	
467341.85	467321.85	3760755.68	1.32285	1.45055 (22120108)	
467381.85	467361.85	3760755.68	1.13690	1.22118 (22120108)	
466841.85	466821.85	3760775.68	1.56902	1.45590 (20010908)	
466881.85	466861.85	3760775.68	1.83707	1.69484 (20010908)	
466921.85	466901.85	3760775.68	2.19805	2.00192 (20010908)	
466961.85	466941.85	3760775.68	2.78042	2.44591 (20010908)	
467001.85	466981.85	3760775.68	4.45577	3.32515 (21020808)	
467221.85	467201.85	3760775.68	3.63326	4.98631 (22120108)	
467261.85	467241.85	3760775.68	2.54720	2.97373 (22120108)	
467301.85	467281.85	3760775.68	1.99158	2.23364 (22120108)	

467321.85	3760775.68	1.79881	(22120108)
467341.85	3760775.68	1.64233	(22120108)
467361.85	3760775.68	1.51446	(22120108)
467381.85	3760775.68	1.40672	(22120108)
466821.85	3760795.68	1.51182	(23120708)
466841.85	3760795.68	1.61840	(23120708)
466861.85	3760795.68	1.74038	(23120708)
466881.85	3760795.68	1.88746	(23120708)
466901.85	3760795.68	2.06548	(23120708)
466921.85	3760795.68	2.27737	(21020808)
466941.85	3760795.68	2.56493	(21020808)
466961.85	3760795.68	2.95157	(21020808)
466981.85	3760795.68	3.51896	(21020808)
467001.85	3760795.68	4.60725	(21020808)
467201.85	3760795.68	5.09975	(22120108)
467221.85	3760795.68	3.76872	(22120108)
467241.85	3760795.68	3.12964	(22120108)
467261.85	3760795.68	2.72156	(22120108)
467281.85	3760795.68	2.42518	(22120108)
467301.85	3760795.68	2.19021	(22120108)
467321.85	3760795.68	1.99817	(22120108)
467341.85	3760795.68	1.84035	(22120108)
467361.85	3760795.68	1.70764	(22120108)
467381.85	3760795.68	1.59324	(22120108)
466821.85	3760815.68	1.60493	(23120708)
466841.85	3760815.68	1.71313	(23120708)
466861.85	3760815.68	1.83811	(21020808)
466881.85	3760815.68	1.99082	(21020808)
466901.85	3760815.68	2.17323	(21020808)
466921.85	3760815.68	2.38633	(21020808)
466941.85	3760815.68	2.65374	(21020808)
466961.85	3760815.68	3.01281	(21020808)
466981.85	3760815.68	3.57447	(21020808)
467001.85	3760815.68	4.61335	(21020808)
467201.85	3760815.68	5.13402	(22120108)
467221.85	3760815.68	3.82773	(22120108)
467241.85	3760815.68	3.18648	(22120108)
467261.85	3760815.68	2.78082	(22120108)
467281.85	3760815.68	2.49581	(22120108)
467301.85	3760815.68	2.27370	(22120108)
467321.85	3760815.68	2.09287	(22120108)
467341.85	3760815.68	1.94119	(22120108)
467361.85	3760815.68	1.81262	(22120108)
467381.85	3760815.68	1.70046	(22120108)
466821.85	3760835.68	1.67090	(21020808)
466841.85	3760835.68	1.78251	(21020808)
466861.85	3760835.68	1.90429	(21020808)
466881.85	3760835.68	2.04638	(21020808)
466901.85	3760835.68	2.21578	(21020808)
466921.85	3760835.68	2.42503	(21020808)
466941.85	3760835.68	2.68623	(21020808)
466961.85	3760835.68	3.03497	(21020808)
466981.85	3760835.68	3.56613	(21020808)
467001.85	3760835.68	4.56629	(21020808)

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): A0000023 ,
 A0000024 , A0000025 , A0000026 , A0000027 ,
 A0000028 , A0000029 , A0000030 , A0000031 ,
 A0000032 , A0000033 , A0000034 , A0000035 ,
 A0000036 , A0000037 , A0000038 , A0000016 ,
 A0000017 , A0000018 , A0000019 , A0000020 ,
 A0000021 , A0000022 , CONST_AREA ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
467201.85	3760835.68	5.13418	(22120108)	
467221.85	3760835.68	3.83681	(22120108)	
467241.85	3760835.68	3.20451	(22120108)	
467261.85	3760835.68	2.80638	(22120108)	
467281.85	3760835.68	2.51993	(22120108)	
467301.85	3760835.68	2.30207	(22120108)	
467321.85	3760835.68	2.12731	(22120108)	
467341.85	3760835.68	1.98142	(22120108)	
467361.85	3760835.68	1.85823	(22120108)	
467381.85	3760835.68	1.75084	(22120108)	
466821.85	3760855.68	1.70637	(21020808)	
466841.85	3760855.68	1.81211	(21020808)	
466861.85	3760855.68	1.93062	(21020808)	
466881.85	3760855.68	2.06690	(21020808)	
466901.85	3760855.68	2.22863	(21020808)	
466921.85	3760855.68	2.43695	(21020808)	
466941.85	3760855.68	2.69586	(21020808)	
466961.85	3760855.68	3.04039	(21020808)	
466981.85	3760855.68	3.55351	(21020808)	
467001.85	3760855.68	4.53496	(21020808)	
467201.85	3760855.68	5.18273	(22120108)	
467221.85	3760855.68	3.84113	(22120108)	
467241.85	3760855.68	3.20968	(22120108)	
467261.85	3760855.68	2.81422	(22120108)	
467281.85	3760855.68	2.52655	(22120108)	
467301.85	3760855.68	2.30992	(22120108)	

	467321.85	3760855.68	2.13773	(22120108)
467341.85	3760855.68	1.99545	(22120108)	
	467361.85	3760855.68	1.87447	(22120108)
467381.85	3760855.68	1.76910	(22120108)	
	466821.85	3760875.68	1.71423	(21020808)
466841.85	3760875.68	1.81460	(21020808)	
	466861.85	3760875.68	1.93526	(21020808)
466881.85	3760875.68	2.07167	(21020808)	
	466901.85	3760875.68	2.23197	(21020808)
466921.85	3760875.68	2.43914	(21020808)	
	466941.85	3760875.68	2.69713	(21020808)
466961.85	3760875.68	3.04097	(21020808)	
	466981.85	3760875.68	3.55359	(21020808)
467001.85	3760875.68	4.64715	(20012208)	
	467201.85	3760875.68	5.23074	(22120108)
467221.85	3760875.68	3.84685	(22120108)	
	467241.85	3760875.68	3.20903	(22120108)
467261.85	3760875.68	2.81342	(22120108)	
	467281.85	3760875.68	2.52556	(22120108)
467301.85	3760875.68	2.30874	(22120108)	
	467321.85	3760875.68	2.13671	(22120108)
467341.85	3760875.68	1.99593	(22120108)	
	467361.85	3760875.68	1.87394	(22120108)
467381.85	3760875.68	1.76717	(22120108)	
	466821.85	3760895.68	1.69879	(21020808)
466841.85	3760895.68	1.80235	(21020808)	
	466861.85	3760895.68	1.91948	(21020808)
466881.85	3760895.68	2.05771	(21020808)	
	466901.85	3760895.68	2.22337	(21020808)
466921.85	3760895.68	2.42415	(21020808)	
	466941.85	3760895.68	2.68359	(21020808)
466961.85	3760895.68	3.03725	(21020808)	
	466981.85	3760895.68	3.61921	(20012208)
467001.85	3760895.68	4.72805	(20012208)	
	467201.85	3760895.68	5.25033	(19010708)
467221.85	3760895.68	3.85836	(22120108)	
	467241.85	3760895.68	3.21013	(22120108)
467261.85	3760895.68	2.80686	(22120108)	
	467281.85	3760895.68	2.52036	(22120108)
467301.85	3760895.68	2.29913	(22120108)	
	467321.85	3760895.68	2.12194	(22120108)
467341.85	3760895.68	1.98047	(22120108)	
	467361.85	3760895.68	1.85514	(22120108)
467381.85	3760895.68	1.74534	(22120108)	
	466821.85	3760915.68	1.65342	(21020808)
466841.85	3760915.68	1.76045	(21020808)	
	466861.85	3760915.68	1.87737	(21020808)
466881.85	3760915.68	2.01928	(21020808)	
	466901.85	3760915.68	2.19155	(21020808)
466921.85	3760915.68	2.39210	(21020808)	
	466941.85	3760915.68	2.65616	(21020808)
466961.85	3760915.68	3.09381	(20012208)	
	466981.85	3760915.68	3.71484	(20012208)
467001.85	3760915.68	4.77510	(20012208)	

*** AERMOD - VERSION 24142 *** *** Massachusetts Avenue
 *** 02/05/25
 *** AERMET - VERSION 22112 *** *** Period Average DPM Project
 Construction *** 11:49:04

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): A0000023 ,
 A0000024 , A0000025 , A0000026 , A0000027 ,
 A0000028 , A0000029 , A0000030 , A0000031 ,
 A0000032 , A0000033 , A0000034 , A0000035 ,
 A0000036 , A0000037 , A0000038 , A0000016 ,
 A0000017 , A0000018 , A0000019 , A0000020 ,
 A0000021 , A0000022 , CONST_AREA ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
467201.85	3760915.68	5.26761	(19010708)	
467221.85	3760915.68	3.85433	(19010708)	
467241.85	3760915.68	3.19527	(19010708)	
467261.85	3760915.68	2.78154	(22120108)	
467281.85	3760915.68	2.48906	(22120108)	
467301.85	3760915.68	2.26218	(22120108)	
467321.85	3760915.68	2.07882	(22120108)	
467341.85	3760915.68	1.92768	(22120108)	
467361.85	3760915.68	1.79660	(22120108)	
467381.85	3760915.68	1.68367	(22120108)	
466821.85	3760935.68	1.63886	(19121308)	
466841.85	3760935.68	1.74671	(19121308)	
466861.85	3760935.68	1.86151	(19121308)	
466881.85	3760935.68	1.99897	(19121308)	
466901.85	3760935.68	2.16446	(19121308)	
466921.85	3760935.68	2.39248	(20012208)	
466941.85	3760935.68	2.73689	(20012208)	
466961.85	3760935.68	3.17395	(20012208)	
466981.85	3760935.68	3.77212	(20012208)	
467001.85	3760935.68	4.81245	(20012208)	
467201.85	3760935.68	5.27375	(19010708)	
467221.85	3760935.68	3.86603	(19010708)	
467241.85	3760935.68	3.21847	(19010708)	
467261.85	3760935.68	2.80811	(19010708)	
467281.85	3760935.68	2.50656	(19010708)	
467301.85	3760935.68	2.26601	(19010708)	

467321.85	3760935.68	2.05612	(19010708)
467341.85	3760935.68	1.87281	(19010708)
467361.85	3760935.68	1.71339	(22011808)
467381.85	3760935.68	1.61841	(22011808)
466821.85	3760955.68	1.63006	(19121308)
466841.85	3760955.68	1.73104	(19121308)
466861.85	3760955.68	1.83946	(19121308)
466881.85	3760955.68	1.97095	(19121308)
466901.85	3760955.68	2.21247	(20012208)
466921.85	3760955.68	2.48122	(20012208)
466941.85	3760955.68	2.79948	(20012208)
466961.85	3760955.68	3.20600	(20012208)
466981.85	3760955.68	3.79648	(20012208)
467001.85	3760955.68	4.83195	(20012208)
467201.85	3760955.68	5.29697	(19010708)
467221.85	3760955.68	3.87339	(19010708)
467241.85	3760955.68	3.22722	(19010708)
467261.85	3760955.68	2.82365	(19010708)
467281.85	3760955.68	2.53195	(19010708)
467301.85	3760955.68	2.30063	(19010708)
467321.85	3760955.68	2.10322	(19010708)
467341.85	3760955.68	1.93480	(19010708)
467361.85	3760955.68	1.78416	(19010708)
467381.85	3760955.68	1.64135	(19010708)
466821.85	3760975.68	1.57563	(19121308)
466841.85	3760975.68	1.66321	(20012208)
466861.85	3760975.68	1.85389	(20012208)
466881.85	3760975.68	2.05903	(20012208)
466901.85	3760975.68	2.28435	(20012208)
466921.85	3760975.68	2.53699	(20012208)
466941.85	3760975.68	2.83585	(20012208)
466961.85	3760975.68	3.21873	(20012208)
466981.85	3760975.68	3.80083	(20012208)
467001.85	3760975.68	4.83687	(20012208)
467201.85	3760975.68	5.25421	(19010708)
467221.85	3760975.68	3.84160	(19010708)
467241.85	3760975.68	3.20878	(19010708)
467261.85	3760975.68	2.81603	(19010708)
467281.85	3760975.68	2.53363	(19010708)
467301.85	3760975.68	2.30970	(19010708)
467321.85	3760975.68	2.12533	(19010708)
467341.85	3760975.68	1.96875	(19010708)
467361.85	3760975.68	1.83128	(19010708)
467381.85	3760975.68	1.70112	(19010708)
466821.85	3760995.68	1.58951	(20012208)
466841.85	3760995.68	1.75342	(20012208)
466861.85	3760995.68	1.93040	(20012208)
466881.85	3760995.68	2.11545	(20012208)
466901.85	3760995.68	2.31532	(20012208)
466921.85	3760995.68	2.54896	(20012208)
466941.85	3760995.68	2.81557	(20012208)
466961.85	3760995.68	3.13017	(20012208)
466981.85	3760995.68	3.51972	(21012208)
467001.85	3760995.68	3.94869	(21012208)

COORD	X-COORD (M)	Y-COORD (M)	CONC	CONC (YYMMDDHH)	X-
467041.85	467021.85	3760995.68	3.66521	3.80082 (21012208)	
467081.85	467061.85	3760995.68	3.69780	3.55457 (21122808)	
467121.85	467101.85	3760995.68	4.11385	3.95605 (21122808)	
467161.85	467141.85	3760995.68	4.28858	3.95605 (19122408)	
467201.85	467181.85	3760995.68	3.78080	4.21061 (19122408)	
467241.85	467221.85	3760995.68	2.95222	4.20239 (19122408)	
467281.85	467261.85	3760995.68	2.45052	4.20239 (21021008)	
467321.85	467301.85	3760995.68	2.10706	3.37020 (21021008)	
467361.85	467341.85	3760995.68	1.84606	3.37020 (22122708)	
466821.85	467381.85	3760995.68	1.66778	2.67217 (19010708)	
466861.85	466841.85	3761015.68	1.96927	2.67217 (19010708)	
466901.85	466881.85	3761015.68	2.29079	2.26482 (19010708)	
466941.85	466921.85	3761015.68	2.63104	2.10706 (19010708)	
				1.96832 (19010708)	
				1.73005 (19010708)	
				1.81335 (20012208)	
				1.81335 (20012208)	
				2.12763 (20012208)	
				2.46704 (20012208)	
				2.46704 (20012208)	

466961.85	3761015.68	2.86450	(21012208)
466981.85	3761015.68	3.00847	(21012208)
467001.85	3761015.68	3.08225	(21122808)
467021.85	3761015.68	3.11362	(21122808)
467041.85	3761015.68	2.97787	(21122808)
467061.85	3761015.68	2.91245	(23011308)
467081.85	3761015.68	2.84742	(19122408)
467101.85	3761015.68	3.12608	(19122408)
467121.85	3761015.68	3.30165	(19122408)
467141.85	3761015.68	3.40579	(19122408)
467161.85	3761015.68	3.45450	(19122408)
467181.85	3761015.68	3.37723	(19122408)
467201.85	3761015.68	2.88933	(19122408)
467221.85	3761015.68	2.92561	(21021008)
467241.85	3761015.68	2.72976	(21021008)
467261.85	3761015.68	2.46370	(22122708)
467281.85	3761015.68	2.29001	(22122708)
467301.85	3761015.68	2.11337	(22122708)
467321.85	3761015.68	2.00514	(19010708)
467341.85	3761015.68	1.90827	(19010708)
467361.85	3761015.68	1.81268	(19010708)
467381.85	3761015.68	1.71854	(19010708)
466821.85	3761035.68	1.70827	(20012208)
466841.85	3761035.68	1.82883	(20012208)
466861.85	3761035.68	1.95200	(20012208)
466881.85	3761035.68	2.06562	(20012208)
466901.85	3761035.68	2.16307	(20012208)
466921.85	3761035.68	2.30993	(21012208)
466941.85	3761035.68	2.44579	(21012208)
466961.85	3761035.68	2.49695	(21012208)
466981.85	3761035.68	2.53016	(21122808)
467001.85	3761035.68	2.69249	(21122808)
467021.85	3761035.68	2.63934	(21122808)
467041.85	3761035.68	2.56181	(23011308)
467061.85	3761035.68	2.48919	(23011308)
467081.85	3761035.68	2.36163	(23011308)
467101.85	3761035.68	2.60974	(19122408)
467121.85	3761035.68	2.80551	(19122408)
467141.85	3761035.68	2.92445	(19122408)
467161.85	3761035.68	2.97697	(19122408)
467181.85	3761035.68	2.91510	(19122408)
467201.85	3761035.68	2.59340	(19122408)
467221.85	3761035.68	2.39770	(21021008)
467241.85	3761035.68	2.44388	(21021008)
467261.85	3761035.68	2.32793	(21021008)
467281.85	3761035.68	2.13175	(21021008)
467301.85	3761035.68	2.02485	(22122708)
467321.85	3761035.68	1.91491	(22122708)
467341.85	3761035.68	1.79703	(22122708)
467361.85	3761035.68	1.70670	(19010708)
467381.85	3761035.68	1.64899	(19010708)
466821.85	3761055.68	1.70037	(20012208)
466841.85	3761055.68	1.78498	(20012208)
466861.85	3761055.68	1.86067	(20012208)

COORD	X-COORD (M)	Y-COORD (M)	CONC	CONC (YYMMDDHH)	X-
466901.85	466881.85	3761055.68	2.05689	1.94071 (21012208)	
466941.85	466921.85	3761055.68	2.14173	2.13059 (21012208)	
466981.85	466961.85	3761055.68	2.35212	2.16841 (19020408)	
467021.85	467001.85	3761055.68	2.27410	2.36984 (21122808)	
467061.85	467041.85	3761055.68	2.16780	2.26216 (23011308)	
467101.85	467081.85	3761055.68	2.22774	2.01258 (23011308)	
467141.85	467121.85	3761055.68	2.57607	2.44211 (19122408)	
467181.85	467161.85	3761055.68	2.59733	2.64000 (19122408)	
467221.85	467201.85	3761055.68	1.93643	2.36692 (19122408)	
467261.85	467241.85	3761055.68	2.12269	2.08210 (21021008)	
467301.85	467281.85	3761055.68	1.91336	2.05799 (21021008)	
467341.85	467321.85	3761055.68	1.74042	1.79923 (22122708)	
467381.85	467361.85	3761055.68	1.56101	1.65727 (22122708)	

466821.85	3761075.68	1.63496	(20012208)
466841.85	3761075.68	1.67370	(20012208)
466861.85	3761075.68	1.76847	(21012208)
466881.85	3761075.68	1.85204	(21012208)
466901.85	3761075.68	1.89550	(21012208)
466921.85	3761075.68	1.87826	(21012208)
466941.85	3761075.68	1.89624	(19020408)
466961.85	3761075.68	2.04998	(21122808)
466981.85	3761075.68	2.14807	(21122808)
467001.85	3761075.68	2.09997	(21122808)
467021.85	3761075.68	2.05803	(23011308)
467041.85	3761075.68	2.01320	(23011308)
467061.85	3761075.68	1.90553	(23011308)
467081.85	3761075.68	1.74065	(23011308)
467101.85	3761075.68	1.92031	(19122408)
467121.85	3761075.68	2.14795	(19122408)
467141.85	3761075.68	2.29934	(19122408)
467161.85	3761075.68	2.37569	(19122408)
467181.85	3761075.68	2.35645	(19122408)
467201.85	3761075.68	2.18913	(19122408)
467221.85	3761075.68	1.86509	(19122408)
467241.85	3761075.68	1.72944	(21021008)
467261.85	3761075.68	1.84561	(21021008)
467281.85	3761075.68	1.88843	(21021008)
467301.85	3761075.68	1.84112	(21021008)
467321.85	3761075.68	1.73198	(21021008)
467341.85	3761075.68	1.62796	(23011608)
467361.85	3761075.68	1.58194	(22122708)
467381.85	3761075.68	1.52848	(22122708)
466821.85	3761095.68	1.54180	(21012208)
466841.85	3761095.68	1.62396	(21012208)
466861.85	3761095.68	1.67883	(21012208)
466881.85	3761095.68	1.69993	(21012208)
466901.85	3761095.68	1.67486	(21012208)
466921.85	3761095.68	1.69564	(19020408)
466941.85	3761095.68	1.80000	(21122808)
466961.85	3761095.68	1.92529	(21122808)
466981.85	3761095.68	1.94751	(21122808)
467001.85	3761095.68	1.85800	(21122808)
467021.85	3761095.68	1.87521	(23011308)
467041.85	3761095.68	1.80703	(23011308)
467061.85	3761095.68	1.68531	(23011308)
467081.85	3761095.68	1.50978	(23011308)
467101.85	3761095.68	1.66886	(19122408)
467121.85	3761095.68	1.90226	(19122408)
467141.85	3761095.68	2.06548	(19122408)
467161.85	3761095.68	2.15451	(19122408)
467181.85	3761095.68	2.15663	(19122408)
467201.85	3761095.68	2.03678	(19122408)
467221.85	3761095.68	1.78876	(19122408)
467241.85	3761095.68	1.44958	(19122408)
467261.85	3761095.68	1.55992	(21021008)
467281.85	3761095.68	1.66657	(21021008)
467301.85	3761095.68	1.70189	(21021008)

COORD	X-COORD (M)	Y-COORD (M)	CONC	CONC (YYMMDDHH)	X-
467341.85	467321.85	3761095.68	1.58669	1.66969 (21021008)	
467381.85	467361.85	3761095.68	1.44032	1.48872 (23011608)	
466841.85	466821.85	3761115.68	1.53664	1.49969 (21012208)	
466881.85	466861.85	3761115.68	1.50460	1.53951 (21012208)	
466921.85	466901.85	3761115.68	1.62992	1.53093 (19020408)	
466961.85	466941.85	3761115.68	1.78955	1.73808 (21122808)	
467001.85	466981.85	3761115.68	1.72379	1.75532 (21122808)	
467041.85	467021.85	3761115.68	1.63013	1.71436 (23011308)	
467081.85	467061.85	3761115.68	1.30959	1.49496 (23011308)	
467121.85	467101.85	3761115.68	1.69202	1.45947 (19122408)	
467161.85	467141.85	3761115.68	1.96178	1.86081 (19122408)	
467201.85	467181.85	3761115.68	1.90094	1.98324 (19122408)	
467241.85	467221.85	3761115.68	1.43462	1.71015 (19122408)	

467261.85	3761115.68	1.29057	(21021008)
467281.85	3761115.68	1.42729	(21021008)
467301.85	3761115.68	1.51880	(21021008)
467321.85	3761115.68	1.55328	(21021008)
467341.85	3761115.68	1.52892	(21021008)
467361.85	3761115.68	1.46163	(21021008)
467381.85	3761115.68	1.36771	(23011608)
466821.85	3761135.68	1.41147	(21012208)
466841.85	3761135.68	1.40651	(21012208)
466861.85	3761135.68	1.36417	(21012208)
466881.85	3761135.68	1.38224	(19020408)
466901.85	3761135.68	1.49097	(19020408)
466921.85	3761135.68	1.56887	(21122808)
466941.85	3761135.68	1.64902	(21122808)
466961.85	3761135.68	1.64453	(21122808)
466981.85	3761135.68	1.57119	(21122808)
467001.85	3761135.68	1.60232	(23011308)
467021.85	3761135.68	1.56936	(23011308)
467041.85	3761135.68	1.47118	(23011308)
467061.85	3761135.68	1.32304	(23011308)
467081.85	3761135.68	1.13097	(23011308)
467101.85	3761135.68	1.28204	(19122408)
467121.85	3761135.68	1.51201	(19122408)
467141.85	3761135.68	1.68610	(19122408)
467161.85	3761135.68	1.79756	(19122408)
467181.85	3761135.68	1.83606	(19122408)
467201.85	3761135.68	1.78301	(19122408)
467221.85	3761135.68	1.63393	(19122408)
467241.85	3761135.68	1.40682	(19122408)
467261.85	3761135.68	1.13806	(19122408)
467281.85	3761135.68	1.18875	(21021008)
467301.85	3761135.68	1.31380	(21021008)
467321.85	3761135.68	1.39591	(21021008)
467341.85	3761135.68	1.42709	(21021008)
467361.85	3761135.68	1.41134	(21021008)
467381.85	3761135.68	1.35541	(21021008)
466821.85	3761155.68	1.28989	(21012208)
466841.85	3761155.68	1.24750	(21012208)
466861.85	3761155.68	1.25993	(19020408)
466881.85	3761155.68	1.36377	(19020408)
466901.85	3761155.68	1.41945	(19020408)
466921.85	3761155.68	1.51504	(21122808)
466941.85	3761155.68	1.54258	(21122808)
466961.85	3761155.68	1.49709	(21122808)
466981.85	3761155.68	1.46534	(23011308)
467001.85	3761155.68	1.48609	(23011308)
467021.85	3761155.68	1.43556	(23011308)
467041.85	3761155.68	1.32570	(23011308)
467061.85	3761155.68	1.16989	(23011308)
467081.85	3761155.68	1.01743	(21111708)
467101.85	3761155.68	1.12953	(19122408)
467121.85	3761155.68	1.35195	(19122408)
467141.85	3761155.68	1.52823	(19122408)
467161.85	3761155.68	1.64809	(19122408)

*** AERMOD - VERSION 24142 *** *** Massachusetts Avenue
 *** 02/05/25
 *** AERMET - VERSION 22112 *** *** Period Average DPM Project
 Construction *** 11:49:04

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): A0000023 ,
 A0000024 , A0000025 , A0000026 , A0000027 ,
 A0000028 , A0000029 , A0000030 , A0000031 ,
 A0000032 , A0000033 , A0000034 , A0000035 ,
 A0000036 , A0000037 , A0000038 , A0000016 ,
 A0000017 , A0000018 , A0000019 , A0000020 ,
 A0000021 , A0000022 , CONST_AREA ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
467181.85	3761155.68	1.70068	(19122408)	
467201.85	3761155.68	1.67321	(19122408)	
467221.85	3761155.68	1.55907	(19122408)	
467241.85	3761155.68	1.37337	(19122408)	
467261.85	3761155.68	1.14285	(19122408)	
467281.85	3761155.68	0.96946	(21021008)	
467301.85	3761155.68	1.10924	(21021008)	
467321.85	3761155.68	1.22037	(21021008)	
467341.85	3761155.68	1.29293	(21021008)	
467361.85	3761155.68	1.32235	(21021008)	
467381.85	3761155.68	1.30999	(21021008)	
466821.85	3761175.68	1.14678	(21012208)	
466841.85	3761175.68	1.15324	(19020408)	
466861.85	3761175.68	1.25781	(19020408)	
466881.85	3761175.68	1.31824	(19020408)	
466901.85	3761175.68	1.38851	(21122808)	
466921.85	3761175.68	1.44172	(21122808)	
466941.85	3761175.68	1.42740	(21122808)	
466961.85	3761175.68	1.34940	(21122808)	
466981.85	3761175.68	1.37722	(23011308)	
467001.85	3761175.68	1.37437	(23011308)	
467021.85	3761175.68	1.31124	(23011308)	
467041.85	3761175.68	1.19238	(23011308)	
467061.85	3761175.68	1.03388	(23011308)	
467081.85	3761175.68	0.92867	(21111708)	
467101.85	3761175.68	0.99820	(19122408)	

467121.85	3761175.68	1.20957	(19122408)
467141.85	3761175.68	1.38463	(19122408)
467161.85	3761175.68	1.51033	(19122408)
467181.85	3761175.68	1.57543	(19122408)
467201.85	3761175.68	1.56949	(19122408)
467221.85	3761175.68	1.48555	(19122408)
467241.85	3761175.68	1.33681	(19122408)
467261.85	3761175.68	1.14198	(19122408)
467281.85	3761175.68	0.92776	(19122408)
467301.85	3761175.68	0.91657	(21021008)
467321.85	3761175.68	1.04170	(21021008)
467341.85	3761175.68	1.14031	(21021008)
467361.85	3761175.68	1.20440	(21021008)
467381.85	3761175.68	1.23068	(21021008)
466771.85	3760235.68	0.51389	(22113008)
466821.85	3760235.68	0.55902	(22113008)
466871.85	3760235.68	0.54127	(22113008)
466921.85	3760235.68	0.51437	(20012008)
466971.85	3760235.68	0.59110	(20012008)
467021.85	3760235.68	0.57834	(20012008)
467071.85	3760235.68	0.47795	(20012008)
467121.85	3760235.68	0.32360	(20012008)
467171.85	3760235.68	0.32332	(23022708)
467221.85	3760235.68	0.44973	(23022708)
467271.85	3760235.68	0.52626	(23022708)
467321.85	3760235.68	0.51873	(23022708)
467371.85	3760235.68	0.43912	(23122208)
467421.85	3760235.68	0.51541	(23122208)
467471.85	3760235.68	0.52286	(23122208)
467521.85	3760235.68	0.45803	(23122208)
467571.85	3760235.68	0.40920	(23122908)
467621.85	3760235.68	0.35284	(23122908)
467671.85	3760235.68	0.27716	(23122908)
466771.85	3760285.68	0.52230	(22113008)
466821.85	3760285.68	0.60487	(22113008)
466871.85	3760285.68	0.62039	(22113008)
466921.85	3760285.68	0.55510	(22113008)
466971.85	3760285.68	0.64540	(20012008)
467021.85	3760285.68	0.65203	(20012008)
467071.85	3760285.68	0.54880	(20012008)
467121.85	3760285.68	0.38022	(20012008)
467171.85	3760285.68	0.38979	(23022708)
467221.85	3760285.68	0.52479	(23022708)
467271.85	3760285.68	0.58513	(23022708)
467321.85	3760285.68	0.53604	(23022708)
467371.85	3760285.68	0.53581	(23122208)
467421.85	3760285.68	0.57867	(23122208)
467471.85	3760285.68	0.53613	(23122208)
467521.85	3760285.68	0.45743	(23122908)
467571.85	3760285.68	0.40230	(23122908)
467621.85	3760285.68	0.32092	(23122908)
467671.85	3760285.68	0.24031	(21123108)
466771.85	3760335.68	0.52011	(23010308)
466821.85	3760335.68	0.63802	(22113008)

	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)		
	466871.85	3760335.68	0.69959	(22113008)	
466921.85	3760335.68	0.66454	(22113008)		
	466971.85	3760335.68	0.70338	(20012008)	
467021.85	3760335.68	0.73824	(20012008)		
	467071.85	3760335.68	0.63529	(20012008)	
467121.85	3760335.68	0.44235	(20012008)		
	467171.85	3760335.68	0.47244	(23022708)	
467221.85	3760335.68	0.60786	(23022708)		
	467271.85	3760335.68	0.64218	(23022708)	
467321.85	3760335.68	0.55042	(23022708)		
	467371.85	3760335.68	0.62988	(23122208)	
467421.85	3760335.68	0.61901	(23122208)		
	467471.85	3760335.68	0.51839	(23122208)	
467521.85	3760335.68	0.46144	(23122908)		
	467571.85	3760335.68	0.37305	(23122908)	
467621.85	3760335.68	0.27597	(21123108)		
	467671.85	3760335.68	0.30585	(21123108)	
466771.85	3760385.68	0.59217	(19121908)		
	466821.85	3760385.68	0.65074	(22113008)	
466871.85	3760385.68	0.77133	(22113008)		
	466921.85	3760385.68	0.78599	(22113008)	
466971.85	3760385.68	0.76421	(20012008)		
	467021.85	3760385.68	0.83927	(20012008)	
467071.85	3760385.68	0.74274	(20012008)		
	467121.85	3760385.68	0.52136	(20012008)	
467171.85	3760385.68	0.57576	(23022708)		

467221.85	3760385.68	0.70623	(23022708)
467271.85	3760385.68	0.69669	(23022708)
467321.85	3760385.68	0.66775	(23122208)
467371.85	3760385.68	0.70702	(23122208)
467421.85	3760385.68	0.62760	(23122208)
467471.85	3760385.68	0.53560	(23122908)
467521.85	3760385.68	0.43697	(23122908)
467571.85	3760385.68	0.32414	(23122908)
467621.85	3760385.68	0.35015	(21123108)
467671.85	3760385.68	0.35817	(21123108)
466771.85	3760435.68	0.65814	(19121908)
466821.85	3760435.68	0.67943	(19121908)
466871.85	3760435.68	0.82493	(22113008)
466921.85	3760435.68	0.91410	(22113008)
466971.85	3760435.68	0.84303	(22113008)
467021.85	3760435.68	0.95905	(20012008)
467071.85	3760435.68	0.87718	(20012008)
467121.85	3760435.68	0.62406	(20012008)
467171.85	3760435.68	0.70564	(23022708)
467221.85	3760435.68	0.81824	(23022708)
467271.85	3760435.68	0.74502	(23022708)
467321.85	3760435.68	0.79420	(23122208)
467371.85	3760435.68	0.75504	(23122208)
467421.85	3760435.68	0.61744	(23122908)
467471.85	3760435.68	0.51612	(23122908)
467521.85	3760435.68	0.38682	(23122908)
467571.85	3760435.68	0.40279	(21123108)
467621.85	3760435.68	0.40294	(21123108)
467671.85	3760435.68	0.38492	(21123108)
466771.85	3760485.68	0.68258	(19121908)
466821.85	3760485.68	0.78300	(19121908)
466871.85	3760485.68	0.84678	(22113008)
466921.85	3760485.68	1.03739	(22113008)
466971.85	3760485.68	1.04383	(22113008)
467021.85	3760485.68	1.10054	(20012008)
467071.85	3760485.68	1.04792	(20012008)
467121.85	3760485.68	0.76131	(20012008)
467171.85	3760485.68	0.83989	(23022708)
467221.85	3760485.68	0.93117	(23022708)
467271.85	3760485.68	0.87792	(23122208)
467321.85	3760485.68	0.90564	(23122208)
467371.85	3760485.68	0.75801	(23122208)
467421.85	3760485.68	0.61882	(23122908)
467471.85	3760485.68	0.46798	(23122908)
467521.85	3760485.68	0.46900	(21123108)
467571.85	3760485.68	0.45749	(21123108)
467621.85	3760485.68	0.42654	(21123108)
467671.85	3760485.68	0.37730	(21123108)
466771.85	3760535.68	0.84051	(22123008)
467421.85	3760535.68	0.57391	(23122908)
467471.85	3760535.68	0.55121	(21123108)
467521.85	3760535.68	0.52413	(21123108)
467571.85	3760535.68	0.47132	(21123108)
467621.85	3760535.68	0.42614	(19122708)

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 *** 02/05/25
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): A0000023 ,
 A0000024 , A0000025 , A0000026 , A0000027 ,
 A0000028 , A0000029 , A0000030 , A0000031 ,
 A0000032 , A0000033 , A0000034 , A0000035 ,
 A0000036 , A0000037 , A0000038 , A0000016 ,
 A0000017 , A0000018 , A0000019 , A0000020 ,
 A0000021 , A0000022 , CONST_AREA ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
467671.85	3760535.68	0.42336	(19122708)	
466771.85	3760585.68	1.02257	(22123008)	
467421.85	3760585.68	0.65782	(21123108)	
467471.85	3760585.68	0.60363	(21123108)	
467521.85	3760585.68	0.52489	(21123108)	
467571.85	3760585.68	0.52226	(20121708)	
467621.85	3760585.68	0.53337	(20121708)	
467671.85	3760585.68	0.52629	(20121708)	
466771.85	3760635.68	1.14021	(22122908)	
467421.85	3760635.68	0.69855	(21123108)	
467471.85	3760635.68	0.68322	(20121708)	
467521.85	3760635.68	0.67569	(20121708)	
467571.85	3760635.68	0.65290	(20121708)	
467621.85	3760635.68	0.61331	(20121708)	
467671.85	3760635.68	0.56266	(20121708)	
466771.85	3760685.68	1.18847	(22122908)	
467421.85	3760685.68	0.90664	(20121708)	
467471.85	3760685.68	0.82877	(20121708)	
467521.85	3760685.68	0.74923	(20121708)	
467571.85	3760685.68	0.67119	(20121708)	
467621.85	3760685.68	0.59079	(20121708)	
467671.85	3760685.68	0.51235	(20121708)	
466771.85	3760735.68	1.27145	(20010908)	
467421.85	3760735.68	0.95655	(20121708)	
467471.85	3760735.68	0.81112	(20121708)	
467521.85	3760735.68	0.68198	(20121708)	

	467571.85	3760735.68	0.58826	(20121708)
467621.85	3760735.68	0.51546	(22120108)	
	467671.85	3760735.68	0.48165	(21120308)
466771.85	3760785.68	1.23284	(23120708)	
	467421.85	3760785.68	1.32563	(22120108)
467471.85	3760785.68	1.14820	(22120108)	
	467521.85	3760785.68	1.01372	(22120108)
467571.85	3760785.68	0.92254	(22120108)	
	467621.85	3760785.68	0.84376	(22120108)
467671.85	3760785.68	0.78011	(22120108)	
	466771.85	3760835.68	1.44654	(21020808)
467421.85	3760835.68	1.56760	(22120108)	
	467471.85	3760835.68	1.38501	(22120108)
467521.85	3760835.68	1.23734	(22120108)	
	467571.85	3760835.68	1.13527	(22120108)
467621.85	3760835.68	1.04217	(22120108)	
	467671.85	3760835.68	0.96536	(22120108)
466771.85	3760885.68	1.50014	(21020808)	
	467421.85	3760885.68	1.57742	(22120108)
467471.85	3760885.68	1.39849	(22120108)	
	467521.85	3760885.68	1.25547	(22120108)
467571.85	3760885.68	1.15669	(22120108)	
	467621.85	3760885.68	1.06412	(22120108)
467671.85	3760885.68	0.98504	(22120108)	
	466771.85	3760935.68	1.41657	(19121308)
467421.85	3760935.68	1.45376	(22011808)	
	467471.85	3760935.68	1.29658	(22011808)
467521.85	3760935.68	1.17249	(22011808)	
	467571.85	3760935.68	1.07727	(22011808)
467621.85	3760935.68	0.99095	(22011808)	
	467671.85	3760935.68	0.91042	(22011808)
466771.85	3760985.68	1.36343	(19121308)	
	467421.85	3760985.68	1.49188	(19010708)
467471.85	3760985.68	1.23041	(19010708)	
	467521.85	3760985.68	1.03917	(22011808)
467571.85	3760985.68	0.98252	(22011808)	
	467621.85	3760985.68	0.92582	(22011808)
467671.85	3760985.68	0.87012	(22011808)	
	466771.85	3761035.68	1.40276	(20012208)
467421.85	3761035.68	1.52054	(19010708)	
	467471.85	3761035.68	1.34892	(19010708)
467521.85	3761035.68	1.17085	(19010708)	
	467571.85	3761035.68	1.01112	(19010708)
467621.85	3761035.68	0.84049	(19010708)	
	467671.85	3761035.68	0.68629	(22011808)
466771.85	3761085.68	1.45383	(20012208)	
	467421.85	3761085.68	1.37358	(22122708)
467471.85	3761085.68	1.23662	(19010708)	
	467521.85	3761085.68	1.17177	(19010708)
467571.85	3761085.68	1.11013	(19010708)	
	467621.85	3761085.68	1.00186	(19010708)
467671.85	3761085.68	0.86928	(19010708)	
	466771.85	3761135.68	1.30429	(21012208)
467421.85	3761135.68	1.23557	(23011608)	

*** AERMOD - VERSION 24142 *** *** Massachusetts Avenue
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): A0000023 ,
 A0000024 , A0000025 , A0000026 , A0000027 ,
 A0000028 , A0000029 , A0000030 , A0000031 ,
 A0000032 , A0000033 , A0000034 , A0000035 ,
 A0000036 , A0000037 , A0000038 , A0000016 ,
 A0000017 , A0000018 , A0000019 , A0000020 ,
 A0000021 , A0000022 , CONST_AREA ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
467471.85	3761135.68	1.16667	(22122708)	
467521.85	3761135.68	1.07802	(22122708)	
467571.85	3761135.68	1.02056	(19010708)	
467621.85	3761135.68	0.99159	(19010708)	
467671.85	3761135.68	0.91420	(19010708)	
466771.85	3761185.68	1.16907	(21012208)	
466821.85	3761185.68	1.07062	(21012208)	
466871.85	3761185.68	1.26871	(19020408)	
466921.85	3761185.68	1.39926	(21122808)	
466971.85	3761185.68	1.32225	(23011308)	
467021.85	3761185.68	1.25235	(23011308)	
467071.85	3761185.68	0.92494	(21111708)	
467121.85	3761185.68	1.14651	(19122408)	
467171.85	3761185.68	1.49107	(19122408)	
467221.85	3761185.68	1.45082	(19122408)	
467271.85	3761185.68	1.03928	(19122408)	
467321.85	3761185.68	0.95604	(21021008)	
467371.85	3761185.68	1.16426	(21021008)	
467421.85	3761185.68	1.15960	(21021008)	
467471.85	3761185.68	1.07480	(23011608)	
467521.85	3761185.68	1.03260	(22122708)	
467571.85	3761185.68	0.95576	(22122708)	
467621.85	3761185.68	0.82523	(22122708)	
467671.85	3761185.68	0.79963	(19010708)	
466771.85	3761235.68	0.88791	(21012208)	
466821.85	3761235.68	1.06661	(19020408)	

466871.85	3761235.68	1.17254	(21122808)
466921.85	3761235.68	1.15137	(21122808)
466971.85	3761235.68	1.15012	(23011308)
467021.85	3761235.68	0.98816	(23011308)
467071.85	3761235.68	0.75483	(21111708)
467121.85	3761235.68	0.88467	(19122408)
467171.85	3761235.68	1.22646	(19122408)
467221.85	3761235.68	1.28514	(19122408)
467271.85	3761235.68	1.03288	(19122408)
467321.85	3761235.68	0.66359	(21111908)
467371.85	3761235.68	0.82647	(21021008)
467421.85	3761235.68	1.01351	(21021008)
467471.85	3761235.68	1.03776	(21021008)
467521.85	3761235.68	0.88989	(23011608)
467571.85	3761235.68	0.85081	(23011608)
467621.85	3761235.68	0.82892	(22122708)
467671.85	3761235.68	0.76058	(22122708)
466771.85	3761285.68	0.89699	(19020408)
466821.85	3761285.68	0.97431	(21122808)
466871.85	3761285.68	1.04376	(21122808)
466921.85	3761285.68	0.95871	(23011308)
466971.85	3761285.68	0.97684	(23011308)
467021.85	3761285.68	0.76766	(23011308)
467071.85	3761285.68	0.62379	(21111708)
467121.85	3761285.68	0.69014	(19122408)
467171.85	3761285.68	1.00964	(19122408)
467221.85	3761285.68	1.13655	(19122408)
467271.85	3761285.68	0.99617	(19122408)
467321.85	3761285.68	0.68648	(21111908)
467371.85	3761285.68	0.53087	(23012608)
467421.85	3761285.68	0.73786	(21021008)
467471.85	3761285.68	0.87923	(21021008)
467521.85	3761285.68	0.87111	(21021008)
467571.85	3761285.68	0.77550	(21021008)
467621.85	3761285.68	0.75549	(23011608)
467671.85	3761285.68	0.73031	(22122708)
467721.85	3760235.68	0.21087	(21123108)
467821.85	3760235.68	0.25869	(21123108)
467921.85	3760235.68	0.26273	(21123108)
468021.85	3760235.68	0.22689	(21123108)
468121.85	3760235.68	0.18290	(19122708)
468221.85	3760235.68	0.20207	(19122708)
467721.85	3760335.68	0.31987	(21123108)
467821.85	3760335.68	0.30742	(21123108)
467921.85	3760335.68	0.24577	(21123108)
468021.85	3760335.68	0.24812	(19122708)
468121.85	3760335.68	0.24242	(19122708)
468221.85	3760335.68	0.25333	(20121708)
467721.85	3760435.68	0.35052	(21123108)
467821.85	3760435.68	0.31462	(19122708)
467921.85	3760435.68	0.30540	(20121708)
468021.85	3760435.68	0.32235	(20121708)
468121.85	3760435.68	0.30618	(20121708)
468221.85	3760435.68	0.27886	(20121708)

X-COORD (M)		Y-COORD (M)		CONC (YYMMDDHH)		X-
COORD (M)	Y-COORD (M)	CONC		(YYMMDDHH)		
	467721.85	3760535.68		0.43250	(20121708)	
467821.85	3760535.68		0.43123	(20121708)		
	467921.85	3760535.68		0.38637	(20121708)	
468021.85	3760535.68		0.33258	(20121708)		
	468121.85	3760535.68		0.26428	(20121708)	
468221.85	3760535.68		0.23243	(19011408)		
	467721.85	3760635.68		0.50220	(20121708)	
467821.85	3760635.68		0.39990	(20121708)		
	467921.85	3760635.68		0.32954	(19011408)	
468021.85	3760635.68		0.28867	(19011408)		
	468121.85	3760635.68		0.24678	(19011408)	
468221.85	3760635.68		0.20678	(19011408)		
	467721.85	3760735.68		0.45895	(21120308)	
467821.85	3760735.68		0.41711	(21120308)		
	467921.85	3760735.68		0.37852	(21120308)	
468021.85	3760735.68		0.34591	(21120308)		
	468121.85	3760735.68		0.31569	(21120308)	
468221.85	3760735.68		0.29066	(21120308)		
	467721.85	3760835.68		0.89783	(22120108)	
467821.85	3760835.68		0.78778	(22120108)		
	467921.85	3760835.68		0.70447	(22120108)	
468021.85	3760835.68		0.62579	(22120108)		
	468121.85	3760835.68		0.56595	(22120108)	
468221.85	3760835.68		0.51671	(22120108)		
	467721.85	3760935.68		0.84280	(22011808)	
467821.85	3760935.68		0.73352	(22120208)		

	467921.85	3760935.68	0.66254	(22120208)
468021.85	3760935.68	0.60438	(22120208)	
	468121.85	3760935.68	0.55610	(22120208)
468221.85	3760935.68	0.51296	(22120208)	
	467721.85	3761035.68	0.65791	(22011808)
467821.85	3761035.68	0.64196	(22011808)	
	467921.85	3761035.68	0.60866	(22011808)
468021.85	3761035.68	0.57218	(22011808)	
	468121.85	3761035.68	0.53563	(22011808)
468221.85	3761035.68	0.49520	(22011808)	
	467721.85	3761135.68	0.82208	(19010708)
467821.85	3761135.68	0.62562	(19010708)	
	467921.85	3761135.68	0.46044	(21122308)
468021.85	3761135.68	0.40965	(21122308)	
	468121.85	3761135.68	0.36041	(19120908)
468221.85	3761135.68	0.36134	(19120908)	
	467721.85	3761235.68	0.65880	(22122708)
467821.85	3761235.68	0.66426	(19010708)	
	467921.85	3761235.68	0.62080	(19010708)
468021.85	3761235.68	0.50133	(19010708)	
	468121.85	3761235.68	0.36589	(19010708)
468221.85	3761235.68	0.33691	(21122308)	
	467299.51	3761159.70	1.05407	(21021008)
467829.63	3760661.47	0.37202	(19011408)	
	467826.42	3760642.38	0.38543	(20121708)
467826.75	3760623.29	0.41059	(20121708)	
	467867.23	3760685.18	0.34565	(19011408)
467870.69	3760660.39	0.35229	(19011408)	
	467873.57	3760638.77	0.34838	(19011408)
467875.48	3760611.64	0.37625	(20121708)	
	467890.19	3760591.75	0.38467	(20121708)
467902.58	3760574.16	0.38919	(20121708)	
	467852.27	3760310.02	0.29286	(21123108)
467887.79	3760311.22	0.27621	(21123108)	
	467919.71	3760310.42	0.25926	(21123108)
467957.21	3760309.62	0.23464	(21123108)	
	468003.50	3760309.62	0.22137	(19122708)
468051.38	3760311.62	0.23367	(19122708)	
	468086.49	3760312.82	0.23761	(19122708)
468125.99	3760311.22	0.23616	(19122708)	
	468154.32	3760312.42	0.23300	(19122708)
467934.74	3760865.52	0.72532	(22120108)	
	467954.70	3760841.58	0.68787	(22120108)
467977.04	3760812.05	0.60839	(22120108)	
	467995.00	3760788.10	0.52409	(22120108)
468017.75	3760766.55	0.43623	(22120108)	
	468178.09	3760581.76	0.24610	(19011408)
468258.14	3760499.02	0.21749	(20121708)	
	467788.67	3760754.43	0.50411	(22120108)
467866.38	3760800.22	0.65345	(22120108)	
	467880.77	3760783.56	0.57858	(22120108)
467903.95	3760761.63	0.47009	(22120108)	

*** AERMOD - VERSION 24142 *** *** Massachusetts Avenue
*** 02/05/25
*** AERMET - VERSION 22112 *** *** Period Average DPM Project
Construction *** 11:49:04

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD

(43824 HRS) RESULTS ***

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

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

ALL	1ST HIGHEST VALUE IS	0.19264 AT (467201.85,
3760875.68,	273.11, 592.00,	0.00) DC
	2ND HIGHEST VALUE IS	0.19169 AT (467201.85,
3760895.68,	273.03, 592.00,	0.00) DC
	3RD HIGHEST VALUE IS	0.18880 AT (467201.85,
3760915.68,	273.00, 592.00,	0.00) DC
	4TH HIGHEST VALUE IS	0.18658 AT (467201.85,
3760855.68,	273.72, 592.00,	0.00) DC
	5TH HIGHEST VALUE IS	0.18263 AT (467201.85,
3760935.68,	273.00, 592.00,	0.00) DC
	6TH HIGHEST VALUE IS	0.18178 AT (467201.85,
3760835.68,	274.00, 592.00,	0.00) DC
	7TH HIGHEST VALUE IS	0.18040 AT (467201.85,
3760815.68,	274.00, 592.00,	0.00) DC
	8TH HIGHEST VALUE IS	0.17675 AT (467201.85,
3760795.68,	274.05, 592.00,	0.00) DC
	9TH HIGHEST VALUE IS	0.17057 AT (467201.85,
3760775.68,	274.05, 592.00,	0.00) DC
	10TH HIGHEST VALUE IS	0.17014 AT (467201.85,
3760955.68,	272.41, 592.00,	0.00) DC

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

*** AERMOD - VERSION 24142 *** *** Massachusetts Avenue
*** 02/05/25
*** AERMET - VERSION 22112 *** *** Period Average DPM Project
Construction *** 11:49:04

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF

HIGHEST 1-HR RESULTS ***

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

DATE

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

ALL HIGH 1ST HIGH VALUE IS 5.29697 ON 19010708: AT (
467201.85, 3760955.68, 272.41, 592.00, 0.00) DC

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

*** AERMOD - VERSION 24142 *** *** Massachusetts Avenue
*** 02/05/25
*** AERMET - VERSION 22112 *** *** Period Average DPM Project
Construction *** 11:49:04

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*** MODELOPTs: RegDEFAULT 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 2 Warning Message(s)
A Total of 1829 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 852 Calm Hours Identified

A Total of 977 Missing Hours Identified (2.23 Percent)

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

***** WARNING MESSAGES *****
ME W186 452 MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used 0.50
ME W187 452 MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET

*** AERMOD Finishes Successfully ***

APPENDIX B.2 – AERMOD OPERATIONAL MODEL OUTPUT

** Lakes Environmental AERMOD MPI
**

**
** AERMOD Input Produced by:
** AERMOD View Ver. 13.0.0
** Lakes Environmental Software Inc.
** Date: 2/5/2025
** File: C:\temp\Alex-EPDS\MassAve\Mass_DPM_Operational\Mass_DPM_Operational.ADI
**

**
**

** AERMOD Control Pathway

**
**
CO STARTING
TITLEONE Massachusetts Avenue
TITLETWO Period Average DPM Project Operations
MODELOPT DFAULT CONC
AVERTIME 1 PERIOD
URBANOPT 2492442
POLLUTID DPM
RUNORNOT RUN
ERRORFIL Mass_DPM_Operational.err
CO FINISHED
**

** AERMOD Source Pathway

**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** -----
** Line Source Represented by Area Sources
** LINE AREA Source ID = OFFSITE1
** DESCRSRC Offsite1: Project>South on Kansas St>East on Mass Ave> South on Chic

```

** PREFIX
** Length of Side = 13.32
** Ratio = 10
** Vertical Dimension = 2.89
** Emission Rate = 2.635E-09
** Nodes = 6
** 467014.807, 3760850.692, 270.95, 3.11
** 467012.260, 3760732.297, 272.00, 3.11
** 467695.477, 3760730.243, 280.41, 3.11
** 467811.871, 3760731.848, 283.87, 3.11
** 467811.160, 3760330.726, 286.94, 3.11
** 468301.829, 3760335.972, 292.00, 3.11
** -----
LOCATION A0000023  AREA  467008.151 3760850.835 270.62
LOCATION A0000024  AREA  467012.240 3760725.639 272.00
LOCATION A0000025  AREA  467126.110 3760725.297 274.00
LOCATION A0000026  AREA  467239.979 3760724.955 274.00
LOCATION A0000027  AREA  467353.849 3760724.612 276.01
LOCATION A0000028  AREA  467467.718 3760724.270 276.08
LOCATION A0000029  AREA  467581.588 3760723.928 278.07
LOCATION A0000030  AREA  467695.569 3760723.586 280.48
LOCATION A0000031  AREA  467805.214 3760731.860 283.86
LOCATION A0000032  AREA  467805.036 3760631.579 281.34
LOCATION A0000033  AREA  467804.858 3760531.299 283.51
LOCATION A0000034  AREA  467804.680 3760431.019 285.88
LOCATION A0000035  AREA  467811.231 3760324.069 287.00
LOCATION A0000036  AREA  467933.898 3760325.381 289.00
LOCATION A0000037  AREA  468056.565 3760326.692 290.71
LOCATION A0000038  AREA  468179.233 3760328.004 289.29
** End of LINE AREA Source ID = OFFSITE1
LOCATION EMGEN    POINT  467175.568 3760946.540 272.140
** DESCRSRC Emergency Standby Generator
LOCATION FIREPUMP POINT  467175.457 3760945.152 272.140
** DESCRSRC Fire Pump
** -----
** Line Source Represented by Area Sources
** LINE AREA Source ID = OFFSITE2
** DESCRSRC Offsite 2: Project>Roberto St>Spruce St>SR91
** PREFIX
** Length of Side = 13.32
** Ratio = 10
** Vertical Dimension = 2.89
** Emission Rate = 8.7863E-10
** Nodes = 6
** 467179.305, 3760976.194, 272.00, 3.11
** 467154.337, 3760992.961, 271.50, 3.11
** 467183.319, 3761094.399, 271.00, 3.11
** 467184.330, 3761132.144, 270.00, 3.11

```


** 467005.044, 3761131.470, 268.94, 3.11

** 466852.045, 3761212.350, 267.65, 3.11

** -----

LOCATION A0000016 AREA 467183.017 3760981.720 272.00

LOCATION A0000017 AREA 467160.738 3760991.132 271.76

LOCATION A0000018 AREA 467189.974 3761094.221 270.75

LOCATION A0000019 AREA 467184.305 3761138.801 270.00

LOCATION A0000020 AREA 467094.662 3761138.464 269.64

LOCATION A0000021 AREA 467008.156 3761137.355 269.00

LOCATION A0000022 AREA 466931.656 3761177.796 268.00

** End of LINE AREA Source ID = OFFSITE2

LOCATION ID11 POINT 467072.350 3760876.879 271.000

** DESCRSRC idle Building 1 Loc 1

LOCATION ID12 POINT 467076.577 3760876.792 271.000

** DESCRSRC zdle Building 1 Loc 2

LOCATION ID13 POINT 467081.169 3760876.792 271.060

** DESCRSRC idle Building 1 Loc 3

LOCATION ID14 POINT 467095.464 3760877.217 271.530

** DESCRSRC idle Building 1 Loc 4

LOCATION ID15 POINT 467099.690 3760877.130 271.670

** DESCRSRC idle Building 1 Loc 5

LOCATION ID16 POINT 467104.282 3760877.130 271.830

** DESCRSRC idle Building 1 Loc 6

LOCATION ID18 POINT 467119.617 3760877.126 272.000

** DESCRSRC idle Building 1 Loc 8

LOCATION ID19 POINT 467123.844 3760877.038 272.000

** DESCRSRC idle Building 1 Loc 9

LOCATION ID110 POINT 467128.436 3760877.038 272.000

** DESCRSRC idle Building 1 Loc 10

LOCATION ID17 POINT 467108.077 3760876.792 271.950

** DESCRSRC idle Building 1 Loc 7

LOCATION ID21 POINT 467079.385 3760833.238 272.000

** DESCRSRC idle Building 2 Loc 1

LOCATION ID22 POINT 467143.185 3760833.305 273.000

** DESCRSRC Idle Building 2 Loc 2

LOCATION ID23 POINT 467083.612 3760833.151 272.000

** DESCRSRC Idle Building 2 Loc 3

LOCATION ID24 POINT 467088.204 3760833.151 272.000

** DESCRSRC Idle Building 2 Loc 4

LOCATION ID25 POINT 467102.499 3760833.576 272.000

** DESCRSRC Idle Building 2 Loc 5

LOCATION ID26 POINT 467106.725 3760833.489 272.000

** DESCRSRC Idle Building 2 Loc 6

LOCATION ID27 POINT 467111.317 3760833.489 272.060

** DESCRSRC Idle Building 2 Loc 7

LOCATION ID28 POINT 467115.112 3760833.151 272.190

** DESCRSRC Idle Building 2 Loc 8

LOCATION IS29 POINT 467134.367 3760833.392 272.830

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** DESCRSRC Idle Building 2 Loc 9
LOCATION ID210    POINT    467138.593 3760833.305    272.970
** DESCRSRC Idle Building 2 Loc 10
** -----
** Line Source Represented by Area Sources
** LINE AREA Source ID = WEST10_B1
** DESCRSRC West Entrance at Loc 10 to Building 1
** PREFIX
** Length of Side = 13.32
** Ratio = 10
** Vertical Dimension = 2.89
** Emission Rate = 1.5461E-09
** Nodes = 4
** 467022.972, 3760851.816, 270.98, 3.11
** 467037.323, 3760859.627, 270.93, 3.11
** 467057.123, 3760866.893, 271.00, 3.11
** 467132.873, 3760866.712, 272.30, 3.11
** -----
LOCATION A0000039  AREA    467026.155 3760845.969 271.00
LOCATION A0000040  AREA    467039.616 3760853.377 271.00
LOCATION A0000041  AREA    467057.107 3760860.236 271.14
** End of LINE AREA Source ID = WEST10_B1
** -----
** Line Source Represented by Area Sources
** LINE AREA Source ID = WEST_10_B2
** DESCRSRC West Entrance at Loc 10 to Building 2
** PREFIX
** Length of Side = 13.32
** Ratio = 10
** Vertical Dimension = 2.89
** Emission Rate = 1.5828E-09
** Nodes = 4
** 467022.427, 3760851.453, 270.98, 3.11
** 467035.143, 3760842.915, 270.95, 3.11
** 467062.028, 3760842.370, 271.27, 3.11
** 467152.674, 3760841.643, 272.95, 3.11
** -----
LOCATION A0000042  AREA    467018.716 3760845.925 270.97
LOCATION A0000043  AREA    467035.008 3760836.259 271.00
LOCATION A0000044  AREA    467061.974 3760835.713 271.42
** End of LINE AREA Source ID = WEST_10_B2
** -----
** Line Source Represented by Area Sources
** LINE AREA Source ID = NE8_B1
** DESCRSRC Northeast Entrance at Loc 8 to Building 1
** PREFIX
** Length of Side = 13.32
** Ratio = 10

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** Vertical Dimension = 2.89
** Emission Rate = 1.1317E-09
** Nodes = 3
** 467181.282, 3760970.306, 272.00, 3.11
** 467180.691, 3760863.816, 272.93, 3.11
** 467065.622, 3760864.999, 271.00, 3.11
** -----
LOCATION A0000045  AREA  467174.622 3760970.343 272.00
LOCATION A0000046  AREA  467180.759 3760870.475 273.08
** End of LINE AREA Source ID = NE8_B1
** -----
** Line Source Represented by Area Sources
** LINE AREA Source ID = NE6_B2
** DESCRSRC NOrtheast Entrance at Loc 8 to Building 2
** PREFIX
** Length of Side = 13.32
** Ratio = 10
** Vertical Dimension = 2.89
** Emission Rate = 1.1314E-09
** Nodes = 3
** 467180.987, 3760971.193, 272.00, 3.11
** 467180.987, 3760846.067, 273.21, 3.11
** 467063.256, 3760847.546, 271.33, 3.11
** -----
LOCATION A0000047  AREA  467174.327 3760971.193 272.00
LOCATION A0000048  AREA  467181.070 3760852.727 273.31
** End of LINE AREA Source ID = NE6_B2
** -----
** Line Source Represented by Area Sources
** LINE AREA Source ID = SE12_B1
** DESCRSRC Northeast Entrance at Loc 8 to Building 1
** PREFIX
** Length of Side = 13.32
** Ratio = 10
** Vertical Dimension = 2.89
** Emission Rate = 1.807E-09
** Nodes = 3
** 467180.395, 3760740.169, 273.94, 3.11
** 467180.395, 3760862.632, 272.93, 3.11
** 467065.622, 3760862.337, 271.00, 3.11
** -----
LOCATION A0000049  AREA  467187.055 3760740.169 274.00
LOCATION A0000050  AREA  467180.378 3760869.292 273.09
** End of LINE AREA Source ID = SE12_B1
** -----
** Line Source Represented by Area Sources
** LINE AREA Source ID = SE12_B2
** DESCRSRC Southeast Entrance at Loc 12 to Building 2

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** PREFIX
** Length of Side = 3.22
** Ratio = 10
** Vertical Dimension = 2.89
** Emission Rate = 7.4804E-09
** Nodes = 3
** 467179.803, 3760741.056, 273.94, 3.11
** 467179.803, 3760843.997, 273.17, 3.11
** 467065.622, 3760845.476, 271.46, 3.11
** -----
LOCATION A0000051  AREA  467181.413 3760741.056 274.00
LOCATION A0000052  AREA  467181.413 3760766.792 274.00
LOCATION A0000053  AREA  467181.413 3760792.527 273.88
LOCATION A0000054  AREA  467181.413 3760818.262 273.40
LOCATION A0000055  AREA  467179.824 3760845.607 273.34
LOCATION A0000056  AREA  467151.279 3760845.976 273.00
LOCATION A0000057  AREA  467122.734 3760846.346 272.44
LOCATION A0000058  AREA  467094.189 3760846.716 272.00
** End of LINE AREA Source ID = SE12_B2
** Source Parameters **
** LINE AREA Source ID = OFFSITE1
SRCPARAM A0000023  2.635E-09  3.109 118.423 13.315 91.232 2.892
SRCPARAM A0000024  2.635E-09  3.109 113.870 13.315 0.172 2.892
SRCPARAM A0000025  2.635E-09  3.109 113.870 13.315 0.172 2.892
SRCPARAM A0000026  2.635E-09  3.109 113.870 13.315 0.172 2.892
SRCPARAM A0000027  2.635E-09  3.109 113.870 13.315 0.172 2.892
SRCPARAM A0000028  2.635E-09  3.109 113.870 13.315 0.172 2.892
SRCPARAM A0000029  2.635E-09  3.109 113.870 13.315 0.172 2.892
SRCPARAM A0000030  2.635E-09  3.109 116.405 13.315 -0.790 2.892
SRCPARAM A0000031  2.635E-09  3.109 100.281 13.315 90.102 2.892
SRCPARAM A0000032  2.635E-09  3.109 100.281 13.315 90.102 2.892
SRCPARAM A0000033  2.635E-09  3.109 100.281 13.315 90.102 2.892
SRCPARAM A0000034  2.635E-09  3.109 100.281 13.315 90.102 2.892
SRCPARAM A0000035  2.635E-09  3.109 122.674 13.315 -0.613 2.892
SRCPARAM A0000036  2.635E-09  3.109 122.674 13.315 -0.613 2.892
SRCPARAM A0000037  2.635E-09  3.109 122.674 13.315 -0.613 2.892
SRCPARAM A0000038  2.635E-09  3.109 122.674 13.315 -0.613 2.892
** -----
SRCPARAM EMGEN      0.000165  7.400 749.261 0.0043586605251501 10.3632
SRCPARAM FIREPUMP   0.0000413  7.400 749.261 0.0043586605251501 10.3632
** LINE AREA Source ID = OFFSITE2
SRCPARAM A0000016  8.7863E-10  3.109 30.076 13.315 -146.116 2.892
SRCPARAM A0000017  8.7863E-10  3.109 105.497 13.315 -74.055 2.892
SRCPARAM A0000018  8.7863E-10  3.109 37.758 13.315 -88.466 2.892
SRCPARAM A0000019  8.7863E-10  3.109 89.643 13.315 179.785 2.892
SRCPARAM A0000020  8.7863E-10  3.109 89.643 13.315 179.785 2.892
SRCPARAM A0000021  8.7863E-10  3.109 86.531 13.315 -152.138 2.892
SRCPARAM A0000022  8.7863E-10  3.109 86.531 13.315 -152.138 2.892

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SRCPARAM ID11	0.0000133	3.658	366.483	51.7	0.1
SRCPARAM ID12	0.0000133	3.658	366.483	51.7	0.1
SRCPARAM ID13	0.0000133	3.658	366.483	51.7	0.1
SRCPARAM ID14	0.0000133	3.658	366.483	51.7	0.1
SRCPARAM ID15	0.0000133	3.658	366.483	51.7	0.1
SRCPARAM ID16	0.0000133	3.658	366.483	51.7	0.1
SRCPARAM ID18	0.0000133	3.658	366.483	51.7	0.1
SRCPARAM ID19	0.0000133	3.658	366.483	51.7	0.1
SRCPARAM ID110	0.0000133	3.658	366.483	51.7	0.1
SRCPARAM ID17	0.0000133	3.658	366.483	51.7	0.1
SRCPARAM ID21	0.0000133	3.658	366.483	51.7	0.1
SRCPARAM ID22	0.0000133	3.658	366.483	51.7	0.1
SRCPARAM ID23	0.0000133	3.658	366.483	51.7	0.1
SRCPARAM ID24	0.0000133	3.658	366.483	51.7	0.1
SRCPARAM ID25	0.0000133	3.658	366.483	51.7	0.1
SRCPARAM ID26	0.0000133	3.658	366.483	51.7	0.1
SRCPARAM ID27	0.0000133	3.658	366.483	51.7	0.1
SRCPARAM ID28	0.0000133	3.658	366.483	51.7	0.1
SRCPARAM IS29	0.0000133	3.658	366.483	51.7	0.1
SRCPARAM ID210	0.0000133	3.658	366.483	51.7	0.1

** LINE AREA Source ID = WEST10_B1

SRCPARAM A0000039	1.5461E-09	3.109	16.339	13.315	-28.560	2.892
SRCPARAM A0000040	1.5461E-09	3.109	21.092	13.315	-20.152	2.892
SRCPARAM A0000041	1.5461E-09	3.109	75.750	13.315	0.137	2.892

** -----

** LINE AREA Source ID = WEST_10_B2

SRCPARAM A0000042	1.5828E-09	3.109	15.316	13.315	33.879	2.892
SRCPARAM A0000043	1.5828E-09	3.109	26.890	13.315	1.161	2.892
SRCPARAM A0000044	1.5828E-09	3.109	90.649	13.315	0.459	2.892

** -----

** LINE AREA Source ID = NE8_B1

SRCPARAM A0000045	1.1317E-09	3.109	106.492	13.320	90.318	2.892
SRCPARAM A0000046	1.1317E-09	3.109	115.074	13.320	-179.411	2.892

** -----

** LINE AREA Source ID = NE6_B2

SRCPARAM A0000047	1.1314E-09	3.109	125.126	13.320	90.000	2.892
SRCPARAM A0000048	1.1314E-09	3.109	117.740	13.320	-179.280	2.892

** -----

** LINE AREA Source ID = SE12_B1

SRCPARAM A0000049	1.807E-09	3.109	122.463	13.320	-90.000	2.892
SRCPARAM A0000050	1.807E-09	3.109	114.773	13.320	179.852	2.892

** -----

** LINE AREA Source ID = SE12_B2

SRCPARAM A0000051	7.4804E-09	3.109	25.735	3.220	-90.000	2.892
SRCPARAM A0000052	7.4804E-09	3.109	25.735	3.220	-90.000	2.892
SRCPARAM A0000053	7.4804E-09	3.109	25.735	3.220	-90.000	2.892
SRCPARAM A0000054	7.4804E-09	3.109	25.735	3.220	-90.000	2.892

SRCPARAM A0000055	7.4804E-09	3.109	28.548	3.220	-179.258	2.892
SRCPARAM A0000056	7.4804E-09	3.109	28.548	3.220	-179.258	2.892
SRCPARAM A0000057	7.4804E-09	3.109	28.548	3.220	-179.258	2.892
SRCPARAM A0000058	7.4804E-09	3.109	28.548	3.220	-179.258	2.892

**** Building Downwash ****

[illegible]

[illegible]

BUILDHGT ID210	13.72	13.72	13.72	13.72	13.72	13.72
BUILDHGT ID210	13.72	13.72	0.00	0.00	13.72	13.72
BUILDHGT ID210	13.72	13.72	13.72	13.72	13.72	13.72
BUILDHGT ID210	13.72	13.72	13.72	13.72	13.72	13.72
BUILDHGT ID210	13.72	13.72	0.00	0.00	13.72	13.72
BUILDHGT ID210	13.72	13.72	13.72	13.72	13.72	13.72
BUILDWID EMGEN	157.41	162.36	162.38	157.46	147.76	133.57
BUILDWID EMGEN	115.32	93.57	69.99	93.97	116.18	134.86
BUILDWID EMGEN	149.44	159.49	164.68	164.88	160.06	150.38
BUILDWID EMGEN	157.41	162.36	162.38	157.46	147.76	133.57
BUILDWID EMGEN	115.32	93.57	69.99	93.97	116.18	134.86
BUILDWID EMGEN	149.44	159.49	164.68	164.88	160.06	150.38
BUILDWID FIREPUMP	157.41	162.36	162.38	157.46	147.76	133.57
BUILDWID FIREPUMP	115.32	93.57	69.99	93.97	116.18	134.86
BUILDWID FIREPUMP	149.44	159.49	164.68	164.88	160.06	150.38
BUILDWID FIREPUMP	157.41	162.36	162.38	157.46	147.76	133.57
BUILDWID FIREPUMP	115.32	93.57	69.99	93.97	116.18	134.86
BUILDWID FIREPUMP	149.44	159.49	164.68	164.88	160.06	150.38
BUILDWID ID11	130.42	136.99	139.52	157.46	147.76	133.57
BUILDWID ID11	115.32	93.57	69.99	93.97	116.18	134.86
BUILDWID ID11	132.49	159.49	164.68	164.88	160.06	150.38
BUILDWID ID11	157.41	136.99	139.52	157.46	147.76	133.57
BUILDWID ID11	115.32	93.57	69.99	93.97	116.18	134.86
BUILDWID ID11	132.49	138.47	140.23	137.74	131.06	120.51
BUILDWID ID12	130.42	136.99	139.52	157.46	147.76	133.57
BUILDWID ID12	115.32	93.57	69.99	93.97	116.18	134.86
BUILDWID ID12	132.49	138.47	164.68	164.88	160.06	150.38
BUILDWID ID12	157.41	162.36	139.52	157.46	147.76	133.57
BUILDWID ID12	115.32	93.57	69.99	93.97	116.18	134.86
BUILDWID ID12	132.49	138.47	140.23	137.74	131.06	120.51
BUILDWID ID13	130.42	136.99	139.52	157.46	147.76	133.57
BUILDWID ID13	115.32	93.57	69.99	93.97	116.18	134.86
BUILDWID ID13	132.49	138.47	164.68	164.88	160.06	150.38
BUILDWID ID13	157.41	162.36	139.52	157.46	147.76	133.57
BUILDWID ID13	115.32	93.57	69.99	93.97	116.18	134.86
BUILDWID ID13	132.49	138.47	140.23	137.74	131.06	120.51
BUILDWID ID14	130.42	136.99	139.52	137.82	147.76	133.57
BUILDWID ID14	115.32	93.57	69.99	93.97	116.18	134.86
BUILDWID ID14	132.49	138.47	140.23	164.88	160.06	150.38
BUILDWID ID14	157.41	162.36	139.52	137.82	147.76	133.57
BUILDWID ID14	115.32	93.57	69.99	93.97	116.18	134.86
BUILDWID ID14	132.49	138.47	140.23	137.74	131.06	120.51
BUILDWID ID15	130.42	136.99	139.52	137.82	147.76	133.57
BUILDWID ID15	115.32	93.57	69.99	93.97	116.18	134.86

BUILDWID ID15	149.44	138.47	140.23	164.88	160.06	150.38
BUILDWID ID15	157.41	162.36	139.52	137.82	147.76	133.57
BUILDWID ID15	115.32	93.57	69.99	93.97	116.18	134.86
BUILDWID ID15	149.44	138.47	140.23	137.74	131.06	120.51
BUILDWID ID16	130.42	136.99	139.52	137.82	147.76	133.57
BUILDWID ID16	115.32	93.57	69.99	93.97	116.18	134.86
BUILDWID ID16	149.44	138.47	140.23	164.88	160.06	150.38
BUILDWID ID16	157.41	162.36	139.52	137.82	147.76	133.57
BUILDWID ID16	115.32	93.57	69.99	93.97	116.18	134.86
BUILDWID ID16	149.44	138.47	140.23	137.74	131.06	120.51
BUILDWID ID18	130.42	136.99	139.52	137.82	131.93	133.57
BUILDWID ID18	115.32	93.57	69.99	93.97	116.18	134.86
BUILDWID ID18	149.44	159.49	140.23	164.88	160.06	150.38
BUILDWID ID18	157.41	162.36	162.38	137.82	131.93	133.57
BUILDWID ID18	115.32	93.57	69.99	93.97	116.18	134.86
BUILDWID ID18	149.44	159.49	140.23	137.74	131.06	120.51
BUILDWID ID19	130.42	136.99	139.52	137.82	131.93	133.57
BUILDWID ID19	115.32	93.57	69.99	93.97	116.18	134.86
BUILDWID ID19	149.44	159.49	140.23	164.88	160.06	150.38
BUILDWID ID19	157.41	162.36	162.38	137.82	131.93	133.57
BUILDWID ID19	115.32	93.57	69.99	93.97	116.18	134.86
BUILDWID ID19	149.44	159.49	140.23	137.74	131.06	120.51
BUILDWID ID110	130.42	136.99	139.52	137.82	131.93	133.57
BUILDWID ID110	115.32	93.57	69.99	93.97	116.18	134.86
BUILDWID ID110	149.44	159.49	140.23	164.88	160.06	150.38
BUILDWID ID110	157.41	162.36	162.38	137.82	131.93	133.57
BUILDWID ID110	115.32	93.57	69.99	93.97	116.18	134.86
BUILDWID ID110	149.44	159.49	140.23	137.74	131.06	120.51
BUILDWID ID17	130.42	136.99	139.52	137.82	131.93	133.57
BUILDWID ID17	115.32	93.57	69.99	93.97	116.18	134.86
BUILDWID ID17	149.44	138.47	140.23	164.88	160.06	150.38
BUILDWID ID17	157.41	162.36	139.52	137.82	131.93	133.57
BUILDWID ID17	115.32	93.57	69.99	93.97	116.18	134.86
BUILDWID ID17	149.44	138.47	140.23	137.74	131.06	120.51
BUILDWID ID21	130.42	136.99	139.52	137.82	131.93	122.03
BUILDWID ID21	108.42	0.00	0.00	91.74	108.77	122.49
BUILDWID ID21	132.49	138.47	140.23	137.74	131.06	120.51
BUILDWID ID21	130.42	136.99	139.52	137.82	131.93	122.03
BUILDWID ID21	108.42	0.00	0.00	91.74	108.77	122.49
BUILDWID ID21	132.49	138.47	140.23	137.74	131.06	120.51
BUILDWID ID22	130.42	136.99	139.52	137.82	131.93	122.03
BUILDWID ID22	108.42	91.52	0.00	0.00	116.18	122.49
BUILDWID ID22	132.49	138.47	140.23	137.74	131.06	120.51
BUILDWID ID22	130.42	136.99	139.52	137.82	131.93	122.03

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BUILDWID ID210	130.42	136.99	139.52	137.82	131.93	122.03
BUILDWID ID210	108.42	91.52	0.00	0.00	116.18	122.49
BUILDWID ID210	132.49	138.47	140.23	137.74	131.06	120.51
BUILDWID ID210	130.42	136.99	139.52	137.82	131.93	122.03
BUILDWID ID210	108.42	91.52	0.00	0.00	116.18	122.49
BUILDWID ID210	132.49	138.47	140.23	137.74	131.06	120.51
BUILDLIN EMGEN	93.97	116.18	134.86	149.44	159.49	164.68
BUILDLIN EMGEN	164.88	160.06	150.38	157.41	162.36	162.38
BUILDLIN EMGEN	157.46	147.76	133.57	115.32	93.57	69.99
BUILDLIN EMGEN	93.97	116.18	134.86	149.44	159.49	164.68
BUILDLIN EMGEN	164.88	160.06	150.38	157.41	162.36	162.38
BUILDLIN EMGEN	157.46	147.76	133.57	115.32	93.57	69.99
BUILDLIN FIREPUMP	93.97	116.18	134.86	149.44	159.49	164.68
BUILDLIN FIREPUMP	164.88	160.06	150.38	157.41	162.36	162.38
BUILDLIN FIREPUMP	157.46	147.76	133.57	115.32	93.57	69.99
BUILDLIN FIREPUMP	93.97	116.18	134.86	149.44	159.49	164.68
BUILDLIN FIREPUMP	164.88	160.06	150.38	157.41	162.36	162.38
BUILDLIN FIREPUMP	157.46	147.76	133.57	115.32	93.57	69.99
BUILDLIN ID11	91.74	108.77	122.49	149.44	159.49	164.68
BUILDLIN ID11	164.88	160.06	150.38	157.41	162.36	162.38
BUILDLIN ID11	137.82	147.76	133.57	115.32	93.57	69.99
BUILDLIN ID11	93.97	108.77	122.49	149.44	159.49	164.68
BUILDLIN ID11	164.88	160.06	150.38	157.41	162.36	162.38
BUILDLIN ID11	137.82	131.93	122.03	108.42	91.52	72.22
BUILDLIN ID12	91.74	108.77	122.49	149.44	159.49	164.68
BUILDLIN ID12	164.88	160.06	150.38	157.41	162.36	162.38
BUILDLIN ID12	137.82	131.93	133.57	115.32	93.57	69.99
BUILDLIN ID12	93.97	116.18	122.49	149.44	159.49	164.68
BUILDLIN ID12	164.88	160.06	150.38	157.41	162.36	162.38
BUILDLIN ID12	137.82	131.93	122.03	108.42	91.52	72.22
BUILDLIN ID13	91.74	108.77	122.49	149.44	159.49	164.68
BUILDLIN ID13	164.88	160.06	150.38	157.41	162.36	162.38
BUILDLIN ID13	137.82	131.93	133.57	115.32	93.57	69.99
BUILDLIN ID13	93.97	116.18	122.49	149.44	159.49	164.68
BUILDLIN ID13	164.88	160.06	150.38	157.41	162.36	162.38
BUILDLIN ID13	137.82	131.93	122.03	108.42	91.52	72.22
BUILDLIN ID14	91.74	108.77	122.49	132.49	159.49	164.68
BUILDLIN ID14	164.88	160.06	150.38	157.41	162.36	162.38
BUILDLIN ID14	137.82	131.93	122.03	115.32	93.57	69.99
BUILDLIN ID14	93.97	116.18	122.49	132.49	159.49	164.68
BUILDLIN ID14	164.88	160.06	150.38	157.41	162.36	162.38
BUILDLIN ID14	137.82	131.93	122.03	108.42	91.52	72.22
BUILDLIN ID15	91.74	108.77	122.49	132.49	159.49	164.68
BUILDLIN ID15	164.88	160.06	150.38	157.41	162.36	162.38

BUILDLEN ID15	157.46	131.93	122.03	115.32	93.57	69.99
BUILDLEN ID15	93.97	116.18	122.49	132.49	159.49	164.68
BUILDLEN ID15	164.88	160.06	150.38	157.41	162.36	162.38
BUILDLEN ID15	157.46	131.93	122.03	108.42	91.52	72.22
BUILDLEN ID16	91.74	108.77	122.49	132.49	159.49	164.68
BUILDLEN ID16	164.88	160.06	150.38	157.41	162.36	162.38
BUILDLEN ID16	157.46	131.93	122.03	115.32	93.57	69.99
BUILDLEN ID16	93.97	116.18	122.49	132.49	159.49	164.68
BUILDLEN ID16	164.88	160.06	150.38	157.41	162.36	162.38
BUILDLEN ID16	157.46	131.93	122.03	108.42	91.52	72.22
BUILDLEN ID18	91.74	108.77	122.49	132.49	138.47	164.68
BUILDLEN ID18	164.88	160.06	150.38	157.41	162.36	162.38
BUILDLEN ID18	157.46	147.76	122.03	115.32	93.57	69.99
BUILDLEN ID18	93.97	116.18	134.86	132.49	138.47	164.68
BUILDLEN ID18	164.88	160.06	150.38	157.41	162.36	162.38
BUILDLEN ID18	157.46	147.76	122.03	108.42	91.52	72.22
BUILDLEN ID19	91.74	108.77	122.49	132.49	138.47	164.68
BUILDLEN ID19	164.88	160.06	150.38	157.41	162.36	162.38
BUILDLEN ID19	157.46	147.76	122.03	115.32	93.57	69.99
BUILDLEN ID19	93.97	116.18	134.86	132.49	138.47	164.68
BUILDLEN ID19	164.88	160.06	150.38	157.41	162.36	162.38
BUILDLEN ID19	157.46	147.76	122.03	108.42	91.52	72.22
BUILDLEN ID110	91.74	108.77	122.49	132.49	138.47	164.68
BUILDLEN ID110	164.88	160.06	150.38	157.41	162.36	162.38
BUILDLEN ID110	157.46	147.76	122.03	115.32	93.57	69.99
BUILDLEN ID110	93.97	116.18	134.86	132.49	138.47	164.68
BUILDLEN ID110	164.88	160.06	150.38	157.41	162.36	162.38
BUILDLEN ID110	157.46	147.76	122.03	108.42	91.52	72.22
BUILDLEN ID17	91.74	108.77	122.49	132.49	138.47	164.68
BUILDLEN ID17	164.88	160.06	150.38	157.41	162.36	162.38
BUILDLEN ID17	157.46	131.93	122.03	115.32	93.57	69.99
BUILDLEN ID17	93.97	116.18	122.49	132.49	138.47	164.68
BUILDLEN ID17	164.88	160.06	150.38	157.41	162.36	162.38
BUILDLEN ID17	157.46	131.93	122.03	108.42	91.52	72.22
BUILDLEN ID21	91.74	108.77	122.49	132.49	138.47	140.23
BUILDLEN ID21	137.74	0.00	0.00	130.42	136.99	139.52
BUILDLEN ID21	137.82	131.93	122.03	108.42	91.52	72.22
BUILDLEN ID21	91.74	108.77	122.49	132.49	138.47	140.23
BUILDLEN ID21	137.74	0.00	0.00	130.42	136.99	139.52
BUILDLEN ID21	137.82	131.93	122.03	108.42	91.52	72.22
BUILDLEN ID22	91.74	108.77	122.49	132.49	138.47	140.23
BUILDLEN ID22	137.74	131.06	0.00	0.00	162.36	139.52
BUILDLEN ID22	137.82	131.93	122.03	108.42	91.52	72.22
BUILDLEN ID22	91.74	108.77	122.49	132.49	138.47	140.23

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BUILDLIN ID210	91.74	108.77	122.49	132.49	138.47	140.23
BUILDLIN ID210	137.74	131.06	0.00	0.00	162.36	139.52
BUILDLIN ID210	137.82	131.93	122.03	108.42	91.52	72.22
BUILDLIN ID210	91.74	108.77	122.49	132.49	138.47	140.23
BUILDLIN ID210	137.74	131.06	0.00	0.00	162.36	139.52
BUILDLIN ID210	137.82	131.93	122.03	108.42	91.52	72.22
XBADJ EMGEN	-92.96	-115.38	-134.30	-149.14	-159.44	-164.90
XBADJ EMGEN	-165.35	-160.78	-151.32	-146.90	-140.20	-129.24
XBADJ EMGEN	-114.36	-96.00	-74.72	-51.17	-26.07	-1.19
XBADJ EMGEN	-1.01	-0.80	-0.56	-0.31	-0.04	0.22
XBADJ EMGEN	0.48	0.72	0.94	-10.51	-22.16	-33.14
XBADJ EMGEN	-43.11	-51.77	-58.85	-64.15	-67.50	-68.80
XBADJ FIREPUMP	-91.57	-114.04	-133.04	-148.00	-158.46	-164.11
XBADJ FIREPUMP	-164.77	-160.43	-151.21	-147.04	-140.58	-129.84
XBADJ FIREPUMP	-115.17	-96.99	-75.87	-52.44	-27.42	-2.58
XBADJ FIREPUMP	-2.40	-2.14	-1.82	-1.44	-1.02	-0.57
XBADJ FIREPUMP	-0.10	0.37	0.83	-10.38	-21.79	-32.54
XBADJ FIREPUMP	-42.30	-50.77	-57.70	-62.88	-66.15	-67.41
XBADJ ID11	-137.16	-136.21	-131.11	-29.42	-35.59	-40.68
XBADJ ID11	-44.53	-47.03	-48.10	-57.35	-67.03	-74.68
XBADJ ID11	16.66	-83.01	-83.43	-81.32	-76.74	-70.85
XBADJ ID11	-87.53	27.44	8.62	-120.02	-123.89	-124.00
XBADJ ID11	-120.34	-113.03	-102.28	-100.06	-95.33	-87.70
XBADJ ID11	-154.48	-159.90	-160.46	-156.15	-147.10	-133.95
XBADJ ID12	-137.81	-137.57	-133.15	-32.07	-38.78	-44.30
XBADJ ID12	-48.48	-51.18	-52.33	-61.53	-71.04	-78.39
XBADJ ID12	13.36	25.18	-85.63	-82.86	-77.57	-70.94
XBADJ ID12	-86.89	-100.20	10.66	-117.37	-120.71	-120.38
XBADJ ID12	-116.40	-108.88	-98.05	-95.88	-91.32	-83.99
XBADJ ID12	-151.18	-157.11	-158.27	-154.62	-146.27	-133.86
XBADJ ID13	-138.61	-139.14	-135.45	-35.02	-42.29	-48.27
XBADJ ID13	-52.79	-55.70	-56.92	-66.05	-75.35	-82.37
XBADJ ID13	9.85	22.23	-87.92	-84.43	-78.36	-70.94
XBADJ ID13	-86.09	-98.63	12.95	-114.42	-117.19	-116.41
XBADJ ID13	-112.09	-104.36	-93.46	-91.36	-87.01	-80.01
XBADJ ID13	-147.67	-154.16	-155.98	-153.05	-145.48	-133.86
XBADJ ID14	-141.51	-144.43	-142.96	-137.15	-53.52	-60.86
XBADJ ID14	-66.36	-69.85	-71.21	-80.05	-88.63	-94.53
XBADJ ID14	-0.83	13.38	27.17	-88.91	-80.42	-70.51
XBADJ ID14	-83.19	-93.34	20.47	4.66	-105.97	-103.82
XBADJ ID14	-98.51	-90.21	-79.17	-77.36	-73.73	-67.85
XBADJ ID14	-136.99	-145.31	-149.20	-148.57	-143.42	-134.29
XBADJ ID15	-142.16	-145.79	-145.00	-139.80	-56.70	-64.48
XBADJ ID15	-70.31	-74.00	-75.44	-84.23	-92.64	-98.24

XBADJ	ID15	-100.85	10.59	24.98	-90.44	-81.24	-70.60
XBADJ	ID15	-82.54	-91.97	22.51	7.31	-102.79	-100.20
XBADJ	ID15	-94.57	-86.06	-74.94	-73.18	-69.72	-64.14
XBADJ	ID15	-56.62	-142.52	-147.01	-147.04	-142.59	-134.20
XBADJ	ID16	-142.95	-147.36	-147.30	-142.75	-60.21	-68.46
XBADJ	ID16	-74.62	-78.52	-80.03	-88.75	-96.95	-102.21
XBADJ	ID16	-104.36	7.64	22.69	-92.01	-82.04	-70.60
XBADJ	ID16	-81.74	-90.40	24.80	10.26	-99.27	-96.22
XBADJ	ID16	-90.25	-81.54	-70.35	-68.66	-65.41	-60.17
XBADJ	ID16	-53.10	-139.57	-144.72	-145.47	-141.80	-134.20
XBADJ	ID18	-145.62	-152.61	-154.97	-152.61	-145.62	-81.74
XBADJ	ID18	-89.04	-93.63	-95.37	-103.86	-111.37	-115.49
XBADJ	ID18	-116.11	-113.20	15.02	-97.26	-84.71	-70.60
XBADJ	ID18	-79.08	-85.16	-88.65	20.12	7.16	-82.94
XBADJ	ID18	-75.84	-66.43	-55.01	-53.56	-51.00	-46.88
XBADJ	ID18	-41.35	-34.56	-137.05	-140.22	-139.13	-134.20
XBADJ	ID19	-146.26	-153.97	-157.00	-155.26	-148.80	-85.35
XBADJ	ID19	-92.97	-97.77	-99.59	-108.03	-115.36	-119.19
XBADJ	ID19	-119.40	-115.98	12.83	-98.78	-85.53	-70.69
XBADJ	ID19	-78.44	-83.80	-86.61	22.76	10.33	-79.33
XBADJ	ID19	-71.90	-62.29	-50.79	-49.38	-47.00	-43.19
XBADJ	ID19	-38.06	-31.78	-134.86	-138.69	-138.31	-134.11
XBADJ	ID110	-147.06	-155.54	-159.30	-158.21	-152.32	-89.34
XBADJ	ID110	-97.29	-102.30	-104.19	-112.56	-119.69	-123.18
XBADJ	ID110	-122.93	-118.94	10.53	-100.36	-86.33	-70.69
XBADJ	ID110	-77.64	-82.22	-84.31	25.72	13.85	-75.35
XBADJ	ID110	-67.58	-57.76	-46.19	-44.85	-42.68	-39.20
XBADJ	ID110	-34.54	-28.82	-132.56	-137.12	-137.51	-134.11
XBADJ	ID17	-143.28	-148.34	-148.90	-144.93	-136.56	-71.58
XBADJ	ID17	-78.08	-82.20	-83.83	-92.55	-100.64	-105.67
XBADJ	ID17	-107.49	4.94	20.49	-93.63	-83.04	-70.94
XBADJ	ID17	-81.42	-89.42	26.41	12.44	-1.90	-93.10
XBADJ	ID17	-86.80	-77.86	-66.55	-64.86	-61.72	-56.71
XBADJ	ID17	-49.97	-136.87	-142.52	-143.85	-140.80	-133.86
XBADJ	ID21	-95.41	-97.61	-96.84	-93.13	-86.59	-77.42
XBADJ	ID21	-65.90	0.00	0.00	-33.52	-28.67	-23.08
XBADJ	ID21	-16.78	-9.98	-2.88	4.31	11.37	18.09
XBADJ	ID21	3.66	-11.16	-25.65	-39.36	-51.87	-62.81
XBADJ	ID21	-71.84	0.00	0.00	-96.90	-108.32	-116.45
XBADJ	ID21	-121.04	-121.95	-119.15	-112.74	-102.90	-90.31
XBADJ	ID22	-106.56	-119.49	-128.80	-134.20	-135.51	-132.71
XBADJ	ID22	-125.88	-115.22	0.00	0.00	-148.50	-78.29
XBADJ	ID22	-65.61	-50.94	-34.72	-17.44	0.36	18.16
XBADJ	ID22	14.81	10.72	6.31	1.70	-2.96	-7.52

XBADJ	ID22	-11.86	-15.84	0.00	0.00	-13.86	-61.23
XBADJ	ID22	-72.21	-80.99	-87.31	-90.98	-91.89	-90.38
XBADJ	ID23	-96.05	-98.97	-98.87	-95.78	-89.77	-81.03
XBADJ	ID23	-69.84	0.00	0.00	-37.69	-32.66	-26.78
XBADJ	ID23	-20.08	-12.76	-5.07	2.79	10.55	18.00
XBADJ	ID23	4.31	-9.81	-23.62	-36.72	-48.70	-59.20
XBADJ	ID23	-67.91	0.00	0.00	-92.73	-104.32	-112.75
XBADJ	ID23	-117.74	-119.16	-116.96	-111.21	-102.08	-90.22
XBADJ	ID24	-96.85	-100.54	-101.17	-98.73	-93.28	-85.01
XBADJ	ID24	-74.15	0.00	0.00	-42.21	-36.98	-30.75
XBADJ	ID24	-23.59	-15.72	-7.36	1.22	9.76	18.00
XBADJ	ID24	5.10	-8.24	-21.33	-33.77	-45.18	-55.23
XBADJ	ID24	-63.59	0.00	0.00	-88.21	-100.01	-108.77
XBADJ	ID24	-114.23	-116.21	-114.67	-109.64	-101.28	-90.22
XBADJ	ID25	-99.76	-105.83	-108.69	-108.25	-104.51	-97.61
XBADJ	ID25	-87.73	0.00	0.00	0.00	-50.27	-42.92
XBADJ	ID25	-34.27	-24.58	-14.14	-3.27	7.70	18.43
XBADJ	ID25	8.01	-2.94	-13.80	-24.25	-33.95	-42.63
XBADJ	ID25	-50.01	0.00	0.00	0.00	-86.72	-96.60
XBADJ	ID25	-103.55	-107.35	-107.89	-105.15	-99.22	-90.65
XBADJ	ID26	-100.40	-107.19	-110.73	-110.90	-107.70	-101.23
XBADJ	ID26	-91.68	0.00	0.00	0.00	-54.27	-46.63
XBADJ	ID26	-37.57	-27.37	-16.33	-4.80	6.87	18.34
XBADJ	ID26	8.66	-1.58	-11.77	-21.60	-30.77	-39.01
XBADJ	ID26	-46.06	0.00	0.00	0.00	-82.71	-92.89
XBADJ	ID26	-100.25	-104.56	-105.70	-103.62	-98.40	-90.56
XBADJ	ID27	-101.20	-108.76	-113.02	-113.85	-111.21	-105.20
XBADJ	ID27	-95.99	-83.86	0.00	0.00	-58.58	-50.60
XBADJ	ID27	-41.08	-30.32	-18.63	-6.37	6.08	18.34
XBADJ	ID27	9.45	-0.01	-9.47	-18.65	-27.25	-35.03
XBADJ	ID27	-41.75	-47.20	0.00	0.00	-78.40	-88.92
XBADJ	ID27	-96.74	-101.61	-103.40	-102.05	-97.60	-90.56
XBADJ	ID28	-101.52	-109.74	-114.62	-116.02	-113.90	-108.31
XBADJ	ID28	-99.44	-87.54	0.00	0.00	-62.26	-54.06
XBADJ	ID28	-44.21	-33.01	-20.82	-7.99	5.08	18.00
XBADJ	ID28	9.78	0.97	-7.87	-16.47	-24.57	-31.92
XBADJ	ID28	-38.30	-43.52	0.00	0.00	-74.72	-85.47
XBADJ	ID28	-93.61	-98.92	-101.21	-100.44	-96.61	-90.22
XBADJ	IS29	-105.10	-116.55	-124.46	-128.59	-128.81	-125.11
XBADJ	IS29	-117.62	-106.55	0.00	0.00	-140.19	-70.61
XBADJ	IS29	-58.81	-45.21	-30.24	-14.35	1.98	18.24
XBADJ	IS29	13.36	7.78	1.97	-3.91	-9.66	-15.12
XBADJ	IS29	-20.12	-24.51	0.00	0.00	-22.17	-68.91
XBADJ	IS29	-79.01	-86.72	-91.79	-94.07	-93.50	-90.46

XBADJ	ID210	-105.76	-117.92	-126.50	-131.24	-131.99	-128.73
XBADJ	ID210	-121.55	-110.69	0.00	0.00	-144.18	-74.31
XBADJ	ID210	-62.09	-47.98	-32.42	-15.87	1.16	18.16
XBADJ	ID210	14.01	9.15	4.01	-1.25	-6.48	-11.51
XBADJ	ID210	-16.19	-20.37	0.00	0.00	-18.18	-65.21
XBADJ	ID210	-75.73	-83.95	-89.61	-92.56	-92.69	-90.38
YBADJ	EMGEN	68.20	59.02	48.05	35.63	22.12	7.93
YBADJ	EMGEN	-6.49	-20.72	-33.81	-45.97	-57.29	-66.87
YBADJ	EMGEN	-74.41	-79.70	-82.56	-82.91	-80.75	-76.13
YBADJ	EMGEN	-68.20	-59.02	-48.05	-35.63	-22.12	-7.93
YBADJ	EMGEN	6.49	20.72	33.81	45.97	57.29	66.87
YBADJ	EMGEN	74.41	79.70	82.56	82.91	80.75	76.13
YBADJ	FIREPUMP	68.33	59.39	48.65	36.44	23.11	9.08
YBADJ	FIREPUMP	-5.22	-19.37	-32.42	-44.59	-55.95	-65.61
YBADJ	FIREPUMP	-73.28	-78.72	-81.77	-82.34	-80.40	-76.02
YBADJ	FIREPUMP	-68.33	-59.39	-48.65	-36.44	-23.11	-9.08
YBADJ	FIREPUMP	5.22	19.37	32.42	44.59	55.95	65.61
YBADJ	FIREPUMP	73.28	78.72	81.77	82.34	80.40	76.02
YBADJ	ID11	-46.20	-61.37	-74.60	1.33	9.13	16.65
YBADJ	ID11	23.66	29.96	35.86	40.55	43.47	45.07
YBADJ	ID11	-55.79	44.15	41.66	37.91	33.00	27.09
YBADJ	ID11	21.36	61.37	74.60	-1.33	-9.13	-16.65
YBADJ	ID11	-23.66	-29.96	-35.86	-40.55	-43.47	-45.07
YBADJ	ID11	55.79	40.02	23.03	5.34	-12.51	-29.93
YBADJ	ID12	-42.02	-57.36	-70.89	4.63	11.92	18.84
YBADJ	ID12	25.20	30.78	35.95	39.91	42.11	43.03
YBADJ	ID12	-58.44	-43.20	38.04	33.96	28.85	22.86
YBADJ	ID12	17.18	10.14	70.89	-4.63	-11.92	-18.84
YBADJ	ID12	-25.20	-30.78	-35.95	-39.91	-42.11	-43.03
YBADJ	ID12	58.44	43.20	26.65	9.28	-8.36	-25.70
YBADJ	ID13	-37.50	-53.05	-66.92	8.15	14.87	21.14
YBADJ	ID13	26.77	31.58	35.95	39.11	40.54	40.74
YBADJ	ID13	-61.39	-46.72	34.07	29.65	24.33	18.27
YBADJ	ID13	12.66	5.83	66.92	-8.15	-14.87	-21.14
YBADJ	ID13	-26.77	-31.58	-35.95	-39.11	-40.54	-40.74
YBADJ	ID13	61.39	46.72	30.62	13.60	-3.84	-21.11
YBADJ	ID14	-23.50	-39.77	-54.76	-68.08	23.72	27.91
YBADJ	ID14	31.25	33.64	35.52	36.20	35.25	33.22
YBADJ	ID14	-70.91	-57.94	-43.21	16.07	10.18	3.98
YBADJ	ID14	-1.34	-7.45	54.76	68.08	-23.72	-27.91
YBADJ	ID14	-31.25	-33.64	-35.52	-36.20	-35.25	-33.22
YBADJ	ID14	70.91	57.94	43.21	27.17	10.31	-6.82
YBADJ	ID15	-19.32	-35.76	-51.05	-64.79	26.51	30.10
YBADJ	ID15	32.78	34.46	35.61	35.56	33.88	31.18

YBADJ	ID15	27.53	-61.12	-46.83	12.13	6.03	-0.25
YBADJ	ID15	-5.52	-11.46	51.05	64.79	-26.51	-30.10
YBADJ	ID15	-32.78	-34.46	-35.61	-35.56	-33.88	-31.18
YBADJ	ID15	-27.53	61.12	46.83	31.12	14.46	-2.59
YBADJ	ID16	-14.80	-31.45	-47.08	-61.27	29.46	32.40
YBADJ	ID16	34.35	35.26	35.61	34.76	32.31	28.89
YBADJ	ID16	24.58	-64.64	-50.81	7.82	1.51	-4.84
YBADJ	ID16	-10.04	-15.77	47.08	61.27	-29.46	-32.40
YBADJ	ID16	-34.35	-35.26	-35.61	-34.76	-32.31	-28.89
YBADJ	ID16	-24.58	64.64	50.81	35.43	18.98	2.00
YBADJ	ID18	0.31	-17.03	-33.79	-49.52	-63.74	40.07
YBADJ	ID18	39.60	37.92	35.61	32.10	27.07	21.22
YBADJ	ID18	14.72	7.78	-64.09	-6.60	-13.60	-20.18
YBADJ	ID18	-25.15	-30.19	-34.31	49.52	63.74	-40.07
YBADJ	ID18	-39.60	-37.92	-35.61	-32.10	-27.07	-21.22
YBADJ	ID18	-14.72	-7.78	64.09	49.85	34.09	17.34
YBADJ	ID19	4.48	-13.04	-30.09	-46.23	-60.96	42.26
YBADJ	ID19	41.12	38.74	35.70	31.45	25.71	19.18
YBADJ	ID19	12.08	4.60	-67.70	-10.53	-17.74	-24.40
YBADJ	ID19	-29.32	-34.18	-38.00	46.23	60.96	-42.26
YBADJ	ID19	-41.12	-38.74	-35.70	-31.45	-25.71	-19.18
YBADJ	ID19	-12.08	-4.60	67.70	53.78	38.23	21.56
YBADJ	ID110	9.01	-8.72	-26.11	-42.70	-58.01	44.56
YBADJ	ID110	42.70	39.54	35.70	30.65	24.14	16.88
YBADJ	ID110	9.12	1.08	-71.68	-14.86	-22.27	-29.00
YBADJ	ID110	-33.85	-38.51	-41.99	42.70	58.01	-44.56
YBADJ	ID110	-42.70	-39.54	-35.70	-30.65	-24.14	-16.88
YBADJ	ID110	-9.12	-1.08	71.68	58.10	42.76	26.16
YBADJ	ID17	-11.00	-27.76	-43.61	-58.14	-70.90	34.59
YBADJ	ID17	35.97	36.25	35.95	34.44	31.33	27.28
YBADJ	ID17	22.40	-67.33	-53.93	4.36	-2.17	-8.64
YBADJ	ID17	-13.84	-19.46	43.61	58.14	70.90	-34.59
YBADJ	ID17	-35.97	-36.25	-35.95	-34.44	-31.33	-27.28
YBADJ	ID17	-22.40	67.33	53.93	38.89	22.66	5.80
YBADJ	ID21	-31.69	-39.83	-46.69	-52.13	-55.98	-58.14
YBADJ	ID21	-58.53	0.00	0.00	-49.54	-43.22	-35.59
YBADJ	ID21	-26.89	-17.36	-7.31	2.97	13.15	22.89
YBADJ	ID21	31.69	39.83	46.69	52.13	55.98	58.14
YBADJ	ID21	58.53	0.00	0.00	49.54	43.22	35.59
YBADJ	ID21	26.89	17.36	7.31	-2.97	-13.15	-22.89
YBADJ	ID22	31.13	20.10	8.53	-3.30	-15.03	-26.30
YBADJ	ID22	-36.77	-46.13	0.00	0.00	60.18	-67.55
YBADJ	ID22	-67.95	-66.28	-62.59	-57.01	-49.69	-40.91
YBADJ	ID22	-31.13	-20.10	-8.53	3.30	15.03	26.30

YBADJ	ID22	36.77	46.13	0.00	0.00	-60.18	67.55
YBADJ	ID22	67.95	66.28	62.59	57.01	49.69	40.91
YBADJ	ID23	-27.52	-35.83	-42.99	-48.83	-53.20	-55.95
YBADJ	ID23	-57.00	0.00	0.00	-50.18	-44.58	-37.63
YBADJ	ID23	-29.53	-20.53	-10.92	-0.97	9.01	18.67
YBADJ	ID23	27.52	35.83	42.99	48.83	53.20	55.95
YBADJ	ID23	57.00	0.00	0.00	50.18	44.58	37.63
YBADJ	ID23	29.53	20.53	10.92	0.97	-9.01	-18.67
YBADJ	ID24	-23.00	-31.52	-39.01	-45.32	-50.25	-53.65
YBADJ	ID24	-55.43	0.00	0.00	-50.98	-46.15	-39.92
YBADJ	ID24	-32.48	-24.05	-14.89	-5.28	4.49	14.08
YBADJ	ID24	23.00	31.52	39.01	45.32	50.25	53.65
YBADJ	ID24	55.43	0.00	0.00	50.98	46.15	39.92
YBADJ	ID24	32.48	24.05	14.89	5.28	-4.49	-14.08
YBADJ	ID25	-8.99	-18.23	-26.84	-34.64	-41.39	-46.88
YBADJ	ID25	-50.94	0.00	0.00	0.00	-51.45	-47.44
YBADJ	ID25	-42.00	-35.28	-27.49	-18.86	-9.66	-0.22
YBADJ	ID25	8.99	18.23	26.84	34.64	41.39	46.88
YBADJ	ID25	50.94	0.00	0.00	0.00	51.45	47.44
YBADJ	ID25	42.00	35.28	27.49	18.86	9.66	0.22
YBADJ	ID26	-4.81	-14.22	-23.13	-31.34	-38.60	-44.68
YBADJ	ID26	-49.41	0.00	0.00	0.00	-52.81	-49.48
YBADJ	ID26	-44.65	-38.46	-31.11	-22.81	-13.81	-4.45
YBADJ	ID26	4.81	14.22	23.13	31.34	38.60	44.68
YBADJ	ID26	49.41	0.00	0.00	0.00	52.81	49.48
YBADJ	ID26	44.65	38.46	31.11	22.81	13.81	4.45
YBADJ	ID27	-0.29	-9.91	-19.16	-27.83	-35.65	-42.39
YBADJ	ID27	-47.84	-51.84	0.00	0.00	-54.38	-51.78
YBADJ	ID27	-47.60	-41.98	-35.08	-27.12	-18.33	-9.04
YBADJ	ID27	0.29	9.91	19.16	27.83	35.65	42.39
YBADJ	ID27	47.84	51.84	0.00	0.00	54.38	51.78
YBADJ	ID27	47.60	41.98	35.08	27.12	18.33	9.04
YBADJ	ID28	3.50	-6.23	-15.71	-24.70	-32.95	-40.20
YBADJ	ID28	-46.22	-50.84	0.00	0.00	-55.35	-53.38
YBADJ	ID28	-49.78	-44.66	-38.20	-30.57	-22.01	-12.83
YBADJ	ID28	-3.50	6.23	15.71	24.70	32.95	40.20
YBADJ	ID28	46.22	50.84	0.00	0.00	55.35	53.38
YBADJ	ID28	49.78	44.66	38.20	30.57	22.01	12.83
YBADJ	IS29	22.43	11.79	0.85	-10.10	-20.76	-30.78
YBADJ	IS29	-39.86	-47.74	0.00	0.00	63.13	-63.21
YBADJ	IS29	-62.34	-59.57	-54.99	-48.75	-41.02	-32.09
YBADJ	IS29	-22.43	-11.79	-0.85	10.10	20.76	30.78
YBADJ	IS29	39.86	47.74	0.00	0.00	-63.13	63.21
YBADJ	IS29	62.34	59.57	54.99	48.75	41.02	32.09

YBADJ	ID210	26.60	15.78	4.55	-6.82	-17.98	-28.60
YBADJ	ID210	-38.34	-46.92	0.00	0.00	61.76	-65.25
YBADJ	ID210	-64.99	-62.75	-58.61	-52.68	-45.16	-36.31
YBADJ	ID210	-26.60	-15.78	-4.55	6.82	17.98	28.60
YBADJ	ID210	38.34	46.92	0.00	0.00	-61.76	65.25
YBADJ	ID210	64.99	62.75	58.61	52.68	45.16	36.31

URBANSRC ALL
SRCGROUP ALL
SO FINISHED
**

** AERMOD Receptor Pathway

**
**
RE STARTING
INCLUDED Mass_DPM_Operational.rou
RE FINISHED
**

** AERMOD Meteorology Pathway

**
**
ME STARTING
SURFFILE ..\kral_sfc_pfl\KRAL_V11_trimmed.sfc
PROFILE ..\kral_sfc_pfl\KRAL_V11_trimmed.PFL
SURFDATA 3171 2019
UAIRDATA 3190 2019
PROFBASE 256.0 METERS
ME FINISHED
**

** AERMOD Output Pathway

**
**
OU STARTING
RECTABLE ALLAVE 1ST
RECTABLE 1 1ST

** Auto-Generated Plotfiles

PLOTFILE 1 ALL 1ST MASS_DPM_OPERATIONAL.AD\01H1GALL.PLT 31

PLOTFILE PERIOD ALL MASS_DPM_OPERATIONAL.AD\PE00GALL.PLT 32

SUMMFILE Mass_DPM_Operational.sum

OU FINISHED

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

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

A Total of 0 Fatal Error Message(s)

A Total of 22 Warning Message(s)

A Total of 0 Informational Message(s)

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

*** NONE ***

***** WARNING MESSAGES *****

SO W320	282	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	283	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	284	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	285	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	286	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	287	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	288	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	289	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	290	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	291	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	292	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	293	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	294	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	295	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	296	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	297	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	298	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	299	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	300	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	301	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
ME W186	1130	MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used	0.50
ME W187	1130	MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET	

*** SETUP Finishes Successfully ***

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

MODEL SETUP OPTIONS SUMMARY

** Model Options Selected:

- * Model Uses Regulatory DEFAULT Options
- * Model Is Setup For Calculation of Average CONCentration Values.
- * NO GAS DEPOSITION Data Provided.
- * NO PARTICLE DEPOSITION Data Provided.
- * Model Uses NO DRY DEPLETION. DDPLETE = 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 65 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 2492442.0 ; 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: 65 Source(s); 1 Source Group(s); and 1198 Receptor(s)

with:	22 POINT(s), including	
	0 POINTCAP(s) and	0 POINTHOR(s)
and:	0 VOLUME source(s)	
and:	43 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: 22112

**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) = 256.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0

Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07

Output Units = MICROGRAMS/M3

**Approximate Storage Requirements of Model = 3.8 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: Mass_DPM_Operational.err

**File for Summary of Results: Mass_DPM_Operational.sum

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** POINT SOURCE DATA ***

STACK	BLDG	NUMBER	EMISSION RATE	BASE	STACK	STACK	STACK
		URBAN	CAP/	EMIS			
			URBAN	URBAN			

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

EMGEN	0	0.16500E-03	467175.6	3760946.5	272.1	7.40	749.26	0.00	10.36	YES	YES
NO											
FIREPUMP	0	0.41300E-04	467175.5	3760945.2	272.1	7.40	749.26	0.00	10.36	YES	YES
NO											
ID11	0	0.13300E-04	467072.3	3760876.9	271.0	3.66	366.48	51.70	0.10	YES	YES NO
ID12	0	0.13300E-04	467076.6	3760876.8	271.0	3.66	366.48	51.70	0.10	YES	YES NO
ID13	0	0.13300E-04	467081.2	3760876.8	271.1	3.66	366.48	51.70	0.10	YES	YES NO
ID14	0	0.13300E-04	467095.5	3760877.2	271.5	3.66	366.48	51.70	0.10	YES	YES NO
ID15	0	0.13300E-04	467099.7	3760877.1	271.7	3.66	366.48	51.70	0.10	YES	YES NO
ID16	0	0.13300E-04	467104.3	3760877.1	271.8	3.66	366.48	51.70	0.10	YES	YES NO
ID18	0	0.13300E-04	467119.6	3760877.1	272.0	3.66	366.48	51.70	0.10	YES	YES NO
ID19	0	0.13300E-04	467123.8	3760877.0	272.0	3.66	366.48	51.70	0.10	YES	YES NO
ID110	0	0.13300E-04	467128.4	3760877.0	272.0	3.66	366.48	51.70	0.10	YES	YES NO

ID17	0	0.13300E-04	467108.1	3760876.8	271.9	3.66	366.48	51.70	0.10	YES	YES	NO
ID21	0	0.13300E-04	467079.4	3760833.2	272.0	3.66	366.48	51.70	0.10	YES	YES	NO
ID22	0	0.13300E-04	467143.2	3760833.3	273.0	3.66	366.48	51.70	0.10	YES	YES	NO
ID23	0	0.13300E-04	467083.6	3760833.2	272.0	3.66	366.48	51.70	0.10	YES	YES	NO
ID24	0	0.13300E-04	467088.2	3760833.2	272.0	3.66	366.48	51.70	0.10	YES	YES	NO
ID25	0	0.13300E-04	467102.5	3760833.6	272.0	3.66	366.48	51.70	0.10	YES	YES	NO
ID26	0	0.13300E-04	467106.7	3760833.5	272.0	3.66	366.48	51.70	0.10	YES	YES	NO
ID27	0	0.13300E-04	467111.3	3760833.5	272.1	3.66	366.48	51.70	0.10	YES	YES	NO
ID28	0	0.13300E-04	467115.1	3760833.2	272.2	3.66	366.48	51.70	0.10	YES	YES	NO
IS29	0	0.13300E-04	467134.4	3760833.4	272.8	3.66	366.48	51.70	0.10	YES	YES	NO
ID210	0	0.13300E-04	467138.6	3760833.3	273.0	3.66	366.48	51.70	0.10	YES	YES	NO

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*** AERMET - VERSION 22112 *** *** Period Average DPM Project Operations

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** AREA SOURCE DATA ***

ORIENT.	NUMBER INIT.	EMISSION URBAN	RATE EMISSION	COORD (SW CORNER) X Y	BASE AIRCRAFT	RELEASE	X-DIM	Y-DIM
---------	-----------------	-------------------	------------------	--------------------------	------------------	---------	-------	-------

SOURCE ID	PART. CATS.	(GRAMS/SEC /METER**2)	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT OF AREA (METERS)	OF AREA (METERS)	OF AREA (METERS)	SZ (DEG.)
--------------	----------------	--------------------------	---------------	---------------	-------------------	----------------------------	---------------------	---------------------	--------------

A0000023	0	0.26350E-08	467008.2	3760850.8	270.6	3.11	118.42	13.32	91.23	2.89
YES	NO									
A0000024	0	0.26350E-08	467012.2	3760725.6	272.0	3.11	113.87	13.32	0.17	2.89
YES	NO									
A0000025	0	0.26350E-08	467126.1	3760725.3	274.0	3.11	113.87	13.32	0.17	2.89
YES	NO									
A0000026	0	0.26350E-08	467240.0	3760725.0	274.0	3.11	113.87	13.32	0.17	2.89
YES	NO									
A0000027	0	0.26350E-08	467353.8	3760724.6	276.0	3.11	113.87	13.32	0.17	2.89
YES	NO									
A0000028	0	0.26350E-08	467467.7	3760724.3	276.1	3.11	113.87	13.32	0.17	2.89
YES	NO									
A0000029	0	0.26350E-08	467581.6	3760723.9	278.1	3.11	113.87	13.32	0.17	2.89
YES	NO									
A0000030	0	0.26350E-08	467695.6	3760723.6	280.5	3.11	116.41	13.32	-0.79	2.89
YES	NO									
A0000031	0	0.26350E-08	467805.2	3760731.9	283.9	3.11	100.28	13.32	90.10	2.89
YES	NO									
A0000032	0	0.26350E-08	467805.0	3760631.6	281.3	3.11	100.28	13.32	90.10	2.89

YES	NO
A0000033	0 0.26350E-08 467804.9 3760531.3 283.5 3.11 100.28 13.32 90.10 2.89
YES	NO
A0000034	0 0.26350E-08 467804.7 3760431.0 285.9 3.11 100.28 13.32 90.10 2.89
YES	NO
A0000035	0 0.26350E-08 467811.2 3760324.1 287.0 3.11 122.67 13.32 -0.61 2.89
YES	NO
A0000036	0 0.26350E-08 467933.9 3760325.4 289.0 3.11 122.67 13.32 -0.61 2.89
YES	NO
A0000037	0 0.26350E-08 468056.6 3760326.7 290.7 3.11 122.67 13.32 -0.61 2.89
YES	NO
A0000038	0 0.26350E-08 468179.2 3760328.0 289.3 3.11 122.67 13.32 -0.61 2.89
YES	NO
A0000016	0 0.87863E-09 467183.0 3760981.7 272.0 3.11 30.08 13.32 -146.12 2.89
YES	NO
A0000017	0 0.87863E-09 467160.7 3760991.1 271.8 3.11 105.50 13.32 -74.05 2.89
YES	NO
A0000018	0 0.87863E-09 467190.0 3761094.2 270.8 3.11 37.76 13.32 -88.47 2.89
YES	NO
A0000019	0 0.87863E-09 467184.3 3761138.8 270.0 3.11 89.64 13.32 179.78 2.89
YES	NO
A0000020	0 0.87863E-09 467094.7 3761138.5 269.6 3.11 89.64 13.32 179.78 2.89
YES	NO
A0000021	0 0.87863E-09 467008.2 3761137.4 269.0 3.11 86.53 13.32 -152.14 2.89
YES	NO
A0000022	0 0.87863E-09 466931.7 3761177.8 268.0 3.11 86.53 13.32 -152.14 2.89
YES	NO
A0000039	0 0.15461E-08 467026.2 3760846.0 271.0 3.11 16.34 13.32 -28.56 2.89
YES	NO
A0000040	0 0.15461E-08 467039.6 3760853.4 271.0 3.11 21.09 13.32 -20.15 2.89
YES	NO
A0000041	0 0.15461E-08 467057.1 3760860.2 271.1 3.11 75.75 13.32 0.14 2.89 YES
NO	
A0000042	0 0.15828E-08 467018.7 3760845.9 271.0 3.11 15.32 13.32 33.88 2.89
YES	NO
A0000043	0 0.15828E-08 467035.0 3760836.3 271.0 3.11 26.89 13.32 1.16 2.89 YES
NO	
A0000044	0 0.15828E-08 467062.0 3760835.7 271.4 3.11 90.65 13.32 0.46 2.89 YES
NO	
A0000045	0 0.11317E-08 467174.6 3760970.3 272.0 3.11 106.49 13.32 90.32 2.89
YES	NO
A0000046	0 0.11317E-08 467180.8 3760870.5 273.1 3.11 115.07 13.32 -179.41 2.89
YES	NO
A0000047	0 0.11314E-08 467174.3 3760971.2 272.0 3.11 125.13 13.32 90.00 2.89
YES	NO
A0000048	0 0.11314E-08 467181.1 3760852.7 273.3 3.11 117.74 13.32 -179.28 2.89
YES	NO
A0000049	0 0.18070E-08 467187.1 3760740.2 274.0 3.11 122.46 13.32 -90.00 2.89

YES	NO
A0000050	0 0.18070E-08 467180.4 3760869.3 273.1 3.11 114.77 13.32 179.85 2.89
YES	NO
A0000051	0 0.74804E-08 467181.4 3760741.1 274.0 3.11 25.73 3.22 -90.00 2.89
YES	NO
A0000052	0 0.74804E-08 467181.4 3760766.8 274.0 3.11 25.73 3.22 -90.00 2.89
YES	NO
A0000053	0 0.74804E-08 467181.4 3760792.5 273.9 3.11 25.73 3.22 -90.00 2.89
YES	NO
A0000054	0 0.74804E-08 467181.4 3760818.3 273.4 3.11 25.73 3.22 -90.00 2.89
YES	NO
A0000055	0 0.74804E-08 467179.8 3760845.6 273.3 3.11 28.55 3.22 -179.26 2.89
YES	NO

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** AREA SOURCE DATA ***										
ORIENT.	NUMBER INIT.	EMISSION URBAN	RATE EMISSION RATE	COORD (SW CORNER) AIRCRAFT	BASE	RELEASE	X-DIM	Y-DIM		
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								

A0000056	0 0.74804E-08 467151.3 3760846.0 273.0 3.11 28.55 3.22 -179.26 2.89
YES	NO
A0000057	0 0.74804E-08 467122.7 3760846.3 272.4 3.11 28.55 3.22 -179.26 2.89
YES	NO
A0000058	0 0.74804E-08 467094.2 3760846.7 272.0 3.11 28.55 3.22 -179.26 2.89
YES	NO

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***	
SRCGROUP ID	SOURCE IDs

ALL A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , A0000028 , A0000029 ,
A0000030 ,

A0000031	,	A0000032	,	A0000033	,	A0000034	,	A0000035	,
A0000036	,	A0000037	,	A0000038	,				
EMGEN	,	FIREPUMP	,	A0000016	,	A0000017	,	A0000018	,
A0000019	,	A0000020	,	A0000021	,				
A0000022	,	ID11	,	ID12	,	ID13	,	ID14	,
ID16	,	ID18	,						ID15
ID19	,	ID110	,	ID17	,	ID21	,	ID22	,
ID24	,	ID25	,						ID23
ID26	,	ID27	,	ID28	,	IS29	,	ID210	,
A0000039	,	A0000040	,	A0000041	,				
A0000042	,	A0000043	,	A0000044	,	A0000045	,	A0000046	,
A0000047	,	A0000048	,	A0000049	,				
A0000050	,	A0000051	,	A0000052	,	A0000053	,	A0000054	,
A0000055	,	A0000056	,	A0000057	,				
A0000058	,								

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID URBAN POP SOURCE IDs

2492442.	A0000023	,	A0000024	,	A0000025	,	A0000026	,	A0000027
A0000028	,	A0000029	,						

A0000030 ,

A0000031	,	A0000032	,	A0000033	,	A0000034	,	A0000035	,
A0000036	,	A0000037	,	A0000038	,				
EMGEN	,	FIREPUMP	,	A0000016	,	A0000017	,	A0000018	,
A0000019	,	A0000020	,	A0000021	,				
A0000022	,	ID11	,	ID12	,	ID13	,	ID14	,
ID16	,	ID18	,						ID15
ID19	,	ID110	,	ID17	,	ID21	,	ID22	,
ID24	,	ID25	,						ID23

ID26	,	ID27	,	ID28	,	IS29	,	ID210	,
A0000039	,	A0000040	,	A0000041	,				
A0000042	,	A0000043	,	A0000044	,	A0000045	,	A0000046	,
A0000047	,	A0000048	,	A0000049	,				
A0000050	,	A0000051	,	A0000052	,	A0000053	,	A0000054	,
A0000055	,	A0000056	,	A0000057	,				
A0000058	,								

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*** AERMET - VERSION 22112 *** *** Period Average DPM Project Operations ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: EMGEN

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	13.7	157.4	94.0	-93.0	68.2	2	13.7	162.4	116.2	-115.4	59.0
3	13.7	162.4	134.9	-134.3	48.0	4	13.7	157.5	149.4	-149.1	35.6
5	13.7	147.8	159.5	-159.4	22.1	6	13.7	133.6	164.7	-164.9	7.9
7	13.7	115.3	164.9	-165.4	-6.5	8	13.7	93.6	160.1	-160.8	-20.7
9	13.7	70.0	150.4	-151.3	-33.8	10	13.7	94.0	157.4	-146.9	-46.0
11	13.7	116.2	162.4	-140.2	-57.3	12	13.7	134.9	162.4	-129.2	-66.9
13	13.7	149.4	157.5	-114.4	-74.4	14	13.7	159.5	147.8	-96.0	-79.7
15	13.7	164.7	133.6	-74.7	-82.6	16	13.7	164.9	115.3	-51.2	-82.9
17	13.7	160.1	93.6	-26.1	-80.8	18	13.7	150.4	70.0	-1.2	-76.1
19	13.7	157.4	94.0	-1.0	-68.2	20	13.7	162.4	116.2	-0.8	-59.0
21	13.7	162.4	134.9	-0.6	-48.0	22	13.7	157.5	149.4	-0.3	-35.6
23	13.7	147.8	159.5	-0.0	-22.1	24	13.7	133.6	164.7	0.2	-7.9
25	13.7	115.3	164.9	0.5	6.5	26	13.7	93.6	160.1	0.7	20.7
27	13.7	70.0	150.4	0.9	33.8	28	13.7	94.0	157.4	-10.5	46.0
29	13.7	116.2	162.4	-22.2	57.3	30	13.7	134.9	162.4	-33.1	66.9
31	13.7	149.4	157.5	-43.1	74.4	32	13.7	159.5	147.8	-51.8	79.7
33	13.7	164.7	133.6	-58.8	82.6	34	13.7	164.9	115.3	-64.1	82.9
35	13.7	160.1	93.6	-67.5	80.8	36	13.7	150.4	70.0	-68.8	76.1

SOURCE ID: FIREPUMP

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	13.7	157.4	94.0	-91.6	68.3	2	13.7	162.4	116.2	-114.0	59.4
3	13.7	162.4	134.9	-133.0	48.6	4	13.7	157.5	149.4	-148.0	36.4
5	13.7	147.8	159.5	-158.5	23.1	6	13.7	133.6	164.7	-164.1	9.1
7	13.7	115.3	164.9	-164.8	-5.2	8	13.7	93.6	160.1	-160.4	-19.4
9	13.7	70.0	150.4	-151.2	-32.4	10	13.7	94.0	157.4	-147.0	-44.6
11	13.7	116.2	162.4	-140.6	-55.9	12	13.7	134.9	162.4	-129.8	-65.6
13	13.7	149.4	157.5	-115.2	-73.3	14	13.7	159.5	147.8	-97.0	-78.7
15	13.7	164.7	133.6	-75.9	-81.8	16	13.7	164.9	115.3	-52.4	-82.3

17 13.7, 160.1, 93.6, -27.4, -80.4,	18 13.7, 150.4, 70.0, -2.6, -76.0,
19 13.7, 157.4, 94.0, -2.4, -68.3,	20 13.7, 162.4, 116.2, -2.1, -59.4,
21 13.7, 162.4, 134.9, -1.8, -48.6,	22 13.7, 157.5, 149.4, -1.4, -36.4,
23 13.7, 147.8, 159.5, -1.0, -23.1,	24 13.7, 133.6, 164.7, -0.6, -9.1,
25 13.7, 115.3, 164.9, -0.1, 5.2,	26 13.7, 93.6, 160.1, 0.4, 19.4,
27 13.7, 70.0, 150.4, 0.8, 32.4,	28 13.7, 94.0, 157.4, -10.4, 44.6,
29 13.7, 116.2, 162.4, -21.8, 55.9,	30 13.7, 134.9, 162.4, -32.5, 65.6,
31 13.7, 149.4, 157.5, -42.3, 73.3,	32 13.7, 159.5, 147.8, -50.8, 78.7,
33 13.7, 164.7, 133.6, -57.7, 81.8,	34 13.7, 164.9, 115.3, -62.9, 82.3,
35 13.7, 160.1, 93.6, -66.1, 80.4,	36 13.7, 150.4, 70.0, -67.4, 76.0,

SOURCE ID: ID11

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	13.7,	130.4,	91.7,	-137.2,	-46.2,	2	13.7,	137.0,	108.8,	-136.2,	-61.4,
3	13.7,	139.5,	122.5,	-131.1,	-74.6,	4	13.7,	157.5,	149.4,	-29.4,	1.3,
5	13.7,	147.8,	159.5,	-35.6,	9.1,	6	13.7,	133.6,	164.7,	-40.7,	16.7,
7	13.7,	115.3,	164.9,	-44.5,	23.7,	8	13.7,	93.6,	160.1,	-47.0,	30.0,
9	13.7,	70.0,	150.4,	-48.1,	35.9,	10	13.7,	94.0,	157.4,	-57.3,	40.5,
11	13.7,	116.2,	162.4,	-67.0,	43.5,	12	13.7,	134.9,	162.4,	-74.7,	45.1,
13	13.7,	132.5,	137.8,	16.7,	-55.8,	14	13.7,	159.5,	147.8,	-83.0,	44.1,
15	13.7,	164.7,	133.6,	-83.4,	41.7,	16	13.7,	164.9,	115.3,	-81.3,	37.9,
17	13.7,	160.1,	93.6,	-76.7,	33.0,	18	13.7,	150.4,	70.0,	-70.8,	27.1,
19	13.7,	157.4,	94.0,	-87.5,	21.4,	20	13.7,	137.0,	108.8,	27.4,	61.4,
21	13.7,	139.5,	122.5,	8.6,	74.6,	22	13.7,	157.5,	149.4,	-120.0,	-1.3,
23	13.7,	147.8,	159.5,	-123.9,	-9.1,	24	13.7,	133.6,	164.7,	-124.0,	-16.7,
25	13.7,	115.3,	164.9,	-120.3,	-23.7,	26	13.7,	93.6,	160.1,	-113.0,	-30.0,
27	13.7,	70.0,	150.4,	-102.3,	-35.9,	28	13.7,	94.0,	157.4,	-100.1,	-40.5,
29	13.7,	116.2,	162.4,	-95.3,	-43.5,	30	13.7,	134.9,	162.4,	-87.7,	-45.1,
31	13.7,	132.5,	137.8,	-154.5,	55.8,	32	13.7,	138.5,	131.9,	-159.9,	40.0,
33	13.7,	140.2,	122.0,	-160.5,	23.0,	34	13.7,	137.7,	108.4,	-156.2,	5.3,
35	13.7,	131.1,	91.5,	-147.1,	-12.5,	36	13.7,	120.5,	72.2,	-134.0,	-29.9,

SOURCE ID: ID12

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	13.7,	130.4,	91.7,	-137.8,	-42.0,	2	13.7,	137.0,	108.8,	-137.6,	-57.4,
3	13.7,	139.5,	122.5,	-133.2,	-70.9,	4	13.7,	157.5,	149.4,	-32.1,	4.6,
5	13.7,	147.8,	159.5,	-38.8,	11.9,	6	13.7,	133.6,	164.7,	-44.3,	18.8,
7	13.7,	115.3,	164.9,	-48.5,	25.2,	8	13.7,	93.6,	160.1,	-51.2,	30.8,
9	13.7,	70.0,	150.4,	-52.3,	35.9,	10	13.7,	94.0,	157.4,	-61.5,	39.9,
11	13.7,	116.2,	162.4,	-71.0,	42.1,	12	13.7,	134.9,	162.4,	-78.4,	43.0,
13	13.7,	132.5,	137.8,	13.4,	-58.4,	14	13.7,	138.5,	131.9,	25.2,	-43.2,
15	13.7,	164.7,	133.6,	-85.6,	38.0,	16	13.7,	164.9,	115.3,	-82.9,	34.0,
17	13.7,	160.1,	93.6,	-77.6,	28.9,	18	13.7,	150.4,	70.0,	-70.9,	22.9,
19	13.7,	157.4,	94.0,	-86.9,	17.2,	20	13.7,	162.4,	116.2,	-100.2,	10.1,
21	13.7,	139.5,	122.5,	10.7,	70.9,	22	13.7,	157.5,	149.4,	-117.4,	-4.6,
23	13.7,	147.8,	159.5,	-120.7,	-11.9,	24	13.7,	133.6,	164.7,	-120.4,	-18.8,
25	13.7,	115.3,	164.9,	-116.4,	-25.2,	26	13.7,	93.6,	160.1,	-108.9,	-30.8,
27	13.7,	70.0,	150.4,	-98.0,	-35.9,	28	13.7,	94.0,	157.4,	-95.9,	-39.9,
29	13.7,	116.2,	162.4,	-91.3,	-42.1,	30	13.7,	134.9,	162.4,	-84.0,	-43.0,

31 13.7, 132.5, 137.8, -151.2, 58.4, 32 13.7, 138.5, 131.9, -157.1, 43.2,
33 13.7, 140.2, 122.0, -158.3, 26.7, 34 13.7, 137.7, 108.4, -154.6, 9.3,
35 13.7, 131.1, 91.5, -146.3, -8.4, 36 13.7, 120.5, 72.2, -133.9, -25.7,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: ID13

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	13.7	130.4	91.7	-138.6	-37.5	2	13.7	137.0	108.8	-139.1	-53.0
3	13.7	139.5	122.5	-135.5	-66.9	4	13.7	157.5	149.4	-35.0	8.2
5	13.7	147.8	159.5	-42.3	14.9	6	13.7	133.6	164.7	-48.3	21.1
7	13.7	115.3	164.9	-52.8	26.8	8	13.7	93.6	160.1	-55.7	31.6
9	13.7	70.0	150.4	-56.9	35.9	10	13.7	94.0	157.4	-66.0	39.1
11	13.7	116.2	162.4	-75.3	40.5	12	13.7	134.9	162.4	-82.4	40.7
13	13.7	132.5	137.8	9.9	-61.4	14	13.7	138.5	131.9	22.2	-46.7
15	13.7	164.7	133.6	-87.9	34.1	16	13.7	164.9	115.3	-84.4	29.7
17	13.7	160.1	93.6	-78.4	24.3	18	13.7	150.4	70.0	-70.9	18.3
19	13.7	157.4	94.0	-86.1	12.7	20	13.7	162.4	116.2	-98.6	5.8
21	13.7	139.5	122.5	13.0	66.9	22	13.7	157.5	149.4	-114.4	-8.2
23	13.7	147.8	159.5	-117.2	-14.9	24	13.7	133.6	164.7	-116.4	-21.1
25	13.7	115.3	164.9	-112.1	-26.8	26	13.7	93.6	160.1	-104.4	-31.6
27	13.7	70.0	150.4	-93.5	-35.9	28	13.7	94.0	157.4	-91.4	-39.1
29	13.7	116.2	162.4	-87.0	-40.5	30	13.7	134.9	162.4	-80.0	-40.7
31	13.7	132.5	137.8	-147.7	61.4	32	13.7	138.5	131.9	-154.2	46.7
33	13.7	140.2	122.0	-156.0	30.6	34	13.7	137.7	108.4	-153.1	13.6
35	13.7	131.1	91.5	-145.5	-3.8	36	13.7	120.5	72.2	-133.9	-21.1

SOURCE ID: ID14

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	13.7	130.4	91.7	-141.5	-23.5	2	13.7	137.0	108.8	-144.4	-39.8
3	13.7	139.5	122.5	-143.0	-54.8	4	13.7	137.8	132.5	-137.2	-68.1
5	13.7	147.8	159.5	-53.5	23.7	6	13.7	133.6	164.7	-60.9	27.9
7	13.7	115.3	164.9	-66.4	31.2	8	13.7	93.6	160.1	-69.8	33.6
9	13.7	70.0	150.4	-71.2	35.5	10	13.7	94.0	157.4	-80.0	36.2
11	13.7	116.2	162.4	-88.6	35.2	12	13.7	134.9	162.4	-94.5	33.2
13	13.7	132.5	137.8	-0.8	-70.9	14	13.7	138.5	131.9	13.4	-57.9
15	13.7	140.2	122.0	27.2	-43.2	16	13.7	164.9	115.3	-88.9	16.1
17	13.7	160.1	93.6	-80.4	10.2	18	13.7	150.4	70.0	-70.5	4.0
19	13.7	157.4	94.0	-83.2	-1.3	20	13.7	162.4	116.2	-93.3	-7.5
21	13.7	139.5	122.5	20.5	54.8	22	13.7	137.8	132.5	4.7	68.1
23	13.7	147.8	159.5	-106.0	-23.7	24	13.7	133.6	164.7	-103.8	-27.9
25	13.7	115.3	164.9	-98.5	-31.2	26	13.7	93.6	160.1	-90.2	-33.6
27	13.7	70.0	150.4	-79.2	-35.5	28	13.7	94.0	157.4	-77.4	-36.2

29	13.7,	116.2,	162.4,	-73.7,	-35.2,	30	13.7,	134.9,	162.4,	-67.8,	-33.2,
31	13.7,	132.5,	137.8,	-137.0,	70.9,	32	13.7,	138.5,	131.9,	-145.3,	57.9,
33	13.7,	140.2,	122.0,	-149.2,	43.2,	34	13.7,	137.7,	108.4,	-148.6,	27.2,
35	13.7,	131.1,	91.5,	-143.4,	10.3,	36	13.7,	120.5,	72.2,	-134.3,	-6.8,

SOURCE ID: ID15

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	13.7,	130.4,	91.7,	-142.2,	-19.3,	2	13.7,	137.0,	108.8,	-145.8,	-35.8,
3	13.7,	139.5,	122.5,	-145.0,	-51.0,	4	13.7,	137.8,	132.5,	-139.8,	-64.8,
5	13.7,	147.8,	159.5,	-56.7,	26.5,	6	13.7,	133.6,	164.7,	-64.5,	30.1,
7	13.7,	115.3,	164.9,	-70.3,	32.8,	8	13.7,	93.6,	160.1,	-74.0,	34.5,
9	13.7,	70.0,	150.4,	-75.4,	35.6,	10	13.7,	94.0,	157.4,	-84.2,	35.6,
11	13.7,	116.2,	162.4,	-92.6,	33.9,	12	13.7,	134.9,	162.4,	-98.2,	31.2,
13	13.7,	149.4,	157.5,	-100.8,	27.5,	14	13.7,	138.5,	131.9,	10.6,	-61.1,
15	13.7,	140.2,	122.0,	25.0,	-46.8,	16	13.7,	164.9,	115.3,	-90.4,	12.1,
17	13.7,	160.1,	93.6,	-81.2,	6.0,	18	13.7,	150.4,	70.0,	-70.6,	-0.2,
19	13.7,	157.4,	94.0,	-82.5,	-5.5,	20	13.7,	162.4,	116.2,	-92.0,	-11.5,
21	13.7,	139.5,	122.5,	22.5,	51.0,	22	13.7,	137.8,	132.5,	7.3,	64.8,
23	13.7,	147.8,	159.5,	-102.8,	-26.5,	24	13.7,	133.6,	164.7,	-100.2,	-30.1,
25	13.7,	115.3,	164.9,	-94.6,	-32.8,	26	13.7,	93.6,	160.1,	-86.1,	-34.5,
27	13.7,	70.0,	150.4,	-74.9,	-35.6,	28	13.7,	94.0,	157.4,	-73.2,	-35.6,
29	13.7,	116.2,	162.4,	-69.7,	-33.9,	30	13.7,	134.9,	162.4,	-64.1,	-31.2,
31	13.7,	149.4,	157.5,	-56.6,	-27.5,	32	13.7,	138.5,	131.9,	-142.5,	61.1,
33	13.7,	140.2,	122.0,	-147.0,	46.8,	34	13.7,	137.7,	108.4,	-147.0,	31.1,
35	13.7,	131.1,	91.5,	-142.6,	14.5,	36	13.7,	120.5,	72.2,	-134.2,	-2.6,

SOURCE ID: ID16

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	13.7,	130.4,	91.7,	-143.0,	-14.8,	2	13.7,	137.0,	108.8,	-147.4,	-31.4,
3	13.7,	139.5,	122.5,	-147.3,	-47.1,	4	13.7,	137.8,	132.5,	-142.8,	-61.3,
5	13.7,	147.8,	159.5,	-60.2,	29.5,	6	13.7,	133.6,	164.7,	-68.5,	32.4,
7	13.7,	115.3,	164.9,	-74.6,	34.3,	8	13.7,	93.6,	160.1,	-78.5,	35.3,
9	13.7,	70.0,	150.4,	-80.0,	35.6,	10	13.7,	94.0,	157.4,	-88.8,	34.8,
11	13.7,	116.2,	162.4,	-97.0,	32.3,	12	13.7,	134.9,	162.4,	-102.2,	28.9,
13	13.7,	149.4,	157.5,	-104.4,	24.6,	14	13.7,	138.5,	131.9,	7.6,	-64.6,
15	13.7,	140.2,	122.0,	22.7,	-50.8,	16	13.7,	164.9,	115.3,	-92.0,	7.8,
17	13.7,	160.1,	93.6,	-82.0,	1.5,	18	13.7,	150.4,	70.0,	-70.6,	-4.8,
19	13.7,	157.4,	94.0,	-81.7,	-10.0,	20	13.7,	162.4,	116.2,	-90.4,	-15.8,
21	13.7,	139.5,	122.5,	24.8,	47.1,	22	13.7,	137.8,	132.5,	10.3,	61.3,
23	13.7,	147.8,	159.5,	-99.3,	-29.5,	24	13.7,	133.6,	164.7,	-96.2,	-32.4,
25	13.7,	115.3,	164.9,	-90.2,	-34.3,	26	13.7,	93.6,	160.1,	-81.5,	-35.3,
27	13.7,	70.0,	150.4,	-70.3,	-35.6,	28	13.7,	94.0,	157.4,	-68.7,	-34.8,
29	13.7,	116.2,	162.4,	-65.4,	-32.3,	30	13.7,	134.9,	162.4,	-60.2,	-28.9,
31	13.7,	149.4,	157.5,	-53.1,	-24.6,	32	13.7,	138.5,	131.9,	-139.6,	64.6,
33	13.7,	140.2,	122.0,	-144.7,	50.8,	34	13.7,	137.7,	108.4,	-145.5,	35.4,
35	13.7,	131.1,	91.5,	-141.8,	19.0,	36	13.7,	120.5,	72.2,	-134.2,	2.0,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: ID18

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	13.7	130.4	91.7	-145.6	0.3	2	13.7	137.0	108.8	-152.6	-17.0
3	13.7	139.5	122.5	-155.0	-33.8	4	13.7	137.8	132.5	-152.6	-49.5
5	13.7	131.9	138.5	-145.6	-63.7	6	13.7	133.6	164.7	-81.7	40.1
7	13.7	115.3	164.9	-89.0	39.6	8	13.7	93.6	160.1	-93.6	37.9
9	13.7	70.0	150.4	-95.4	35.6	10	13.7	94.0	157.4	-103.9	32.1
11	13.7	116.2	162.4	-111.4	27.1	12	13.7	134.9	162.4	-115.5	21.2
13	13.7	149.4	157.5	-116.1	14.7	14	13.7	159.5	147.8	-113.2	7.8
15	13.7	140.2	122.0	15.0	-64.1	16	13.7	164.9	115.3	-97.3	-6.6
17	13.7	160.1	93.6	-84.7	-13.6	18	13.7	150.4	70.0	-70.6	-20.2
19	13.7	157.4	94.0	-79.1	-25.2	20	13.7	162.4	116.2	-85.2	-30.2
21	13.7	162.4	134.9	-88.6	-34.3	22	13.7	137.8	132.5	20.1	49.5
23	13.7	131.9	138.5	7.2	63.7	24	13.7	133.6	164.7	-82.9	-40.1
25	13.7	115.3	164.9	-75.8	-39.6	26	13.7	93.6	160.1	-66.4	-37.9
27	13.7	70.0	150.4	-55.0	-35.6	28	13.7	94.0	157.4	-53.6	-32.1
29	13.7	116.2	162.4	-51.0	-27.1	30	13.7	134.9	162.4	-46.9	-21.2
31	13.7	149.4	157.5	-41.3	-14.7	32	13.7	159.5	147.8	-34.6	-7.8
33	13.7	140.2	122.0	-137.1	64.1	34	13.7	137.7	108.4	-140.2	49.8
35	13.7	131.1	91.5	-139.1	34.1	36	13.7	120.5	72.2	-134.2	17.3

SOURCE ID: ID19

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	13.7	130.4	91.7	-146.3	4.5	2	13.7	137.0	108.8	-154.0	-13.0
3	13.7	139.5	122.5	-157.0	-30.1	4	13.7	137.8	132.5	-155.3	-46.2
5	13.7	131.9	138.5	-148.8	-61.0	6	13.7	133.6	164.7	-85.3	42.3
7	13.7	115.3	164.9	-93.0	41.1	8	13.7	93.6	160.1	-97.8	38.7
9	13.7	70.0	150.4	-99.6	35.7	10	13.7	94.0	157.4	-108.0	31.4
11	13.7	116.2	162.4	-115.4	25.7	12	13.7	134.9	162.4	-119.2	19.2
13	13.7	149.4	157.5	-119.4	12.1	14	13.7	159.5	147.8	-116.0	4.6
15	13.7	140.2	122.0	12.8	-67.7	16	13.7	164.9	115.3	-98.8	-10.5
17	13.7	160.1	93.6	-85.5	-17.7	18	13.7	150.4	70.0	-70.7	-24.4
19	13.7	157.4	94.0	-78.4	-29.3	20	13.7	162.4	116.2	-83.8	-34.2
21	13.7	162.4	134.9	-86.6	-38.0	22	13.7	137.8	132.5	22.8	46.2
23	13.7	131.9	138.5	10.3	61.0	24	13.7	133.6	164.7	-79.3	-42.3
25	13.7	115.3	164.9	-71.9	-41.1	26	13.7	93.6	160.1	-62.3	-38.7
27	13.7	70.0	150.4	-50.8	-35.7	28	13.7	94.0	157.4	-49.4	-31.4
29	13.7	116.2	162.4	-47.0	-25.7	30	13.7	134.9	162.4	-43.2	-19.2
31	13.7	149.4	157.5	-38.1	-12.1	32	13.7	159.5	147.8	-31.8	-4.6
33	13.7	140.2	122.0	-134.9	67.7	34	13.7	137.7	108.4	-138.7	53.8
35	13.7	131.1	91.5	-138.3	38.2	36	13.7	120.5	72.2	-134.1	21.6

SOURCE ID: ID110

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	13.7	130.4	91.7	-147.1	9.0	2	13.7	137.0	108.8	-155.5	-8.7
3	13.7	139.5	122.5	-159.3	-26.1	4	13.7	137.8	132.5	-158.2	-42.7
5	13.7	131.9	138.5	-152.3	-58.0	6	13.7	133.6	164.7	-89.3	44.6
7	13.7	115.3	164.9	-97.3	42.7	8	13.7	93.6	160.1	-102.3	39.5
9	13.7	70.0	150.4	-104.2	35.7	10	13.7	94.0	157.4	-112.6	30.7
11	13.7	116.2	162.4	-119.7	24.1	12	13.7	134.9	162.4	-123.2	16.9
13	13.7	149.4	157.5	-122.9	9.1	14	13.7	159.5	147.8	-118.9	1.1
15	13.7	140.2	122.0	10.5	-71.7	16	13.7	164.9	115.3	-100.4	-14.9
17	13.7	160.1	93.6	-86.3	-22.3	18	13.7	150.4	70.0	-70.7	-29.0
19	13.7	157.4	94.0	-77.6	-33.8	20	13.7	162.4	116.2	-82.2	-38.5
21	13.7	162.4	134.9	-84.3	-42.0	22	13.7	137.8	132.5	25.7	42.7
23	13.7	131.9	138.5	13.9	58.0	24	13.7	133.6	164.7	-75.3	-44.6
25	13.7	115.3	164.9	-67.6	-42.7	26	13.7	93.6	160.1	-57.8	-39.5
27	13.7	70.0	150.4	-46.2	-35.7	28	13.7	94.0	157.4	-44.8	-30.7
29	13.7	116.2	162.4	-42.7	-24.1	30	13.7	134.9	162.4	-39.2	-16.9
31	13.7	149.4	157.5	-34.5	-9.1	32	13.7	159.5	147.8	-28.8	-1.1
33	13.7	140.2	122.0	-132.6	71.7	34	13.7	137.7	108.4	-137.1	58.1
35	13.7	131.1	91.5	-137.5	42.8	36	13.7	120.5	72.2	-134.1	26.2

SOURCE ID: ID17

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	13.7	130.4	91.7	-143.3	-11.0	2	13.7	137.0	108.8	-148.3	-27.8
3	13.7	139.5	122.5	-148.9	-43.6	4	13.7	137.8	132.5	-144.9	-58.1
5	13.7	131.9	138.5	-136.6	-70.9	6	13.7	133.6	164.7	-71.6	34.6
7	13.7	115.3	164.9	-78.1	36.0	8	13.7	93.6	160.1	-82.2	36.2
9	13.7	70.0	150.4	-83.8	35.9	10	13.7	94.0	157.4	-92.5	34.4
11	13.7	116.2	162.4	-100.6	31.3	12	13.7	134.9	162.4	-105.7	27.3
13	13.7	149.4	157.5	-107.5	22.4	14	13.7	138.5	131.9	4.9	-67.3
15	13.7	140.2	122.0	20.5	-53.9	16	13.7	164.9	115.3	-93.6	4.4
17	13.7	160.1	93.6	-83.0	-2.2	18	13.7	150.4	70.0	-70.9	-8.6
19	13.7	157.4	94.0	-81.4	-13.8	20	13.7	162.4	116.2	-89.4	-19.5
21	13.7	139.5	122.5	26.4	43.6	22	13.7	137.8	132.5	12.4	58.1
23	13.7	131.9	138.5	-1.9	70.9	24	13.7	133.6	164.7	-93.1	-34.6
25	13.7	115.3	164.9	-86.8	-36.0	26	13.7	93.6	160.1	-77.9	-36.2
27	13.7	70.0	150.4	-66.5	-35.9	28	13.7	94.0	157.4	-64.9	-34.4
29	13.7	116.2	162.4	-61.7	-31.3	30	13.7	134.9	162.4	-56.7	-27.3
31	13.7	149.4	157.5	-50.0	-22.4	32	13.7	138.5	131.9	-136.9	67.3
33	13.7	140.2	122.0	-142.5	53.9	34	13.7	137.7	108.4	-143.9	38.9
35	13.7	131.1	91.5	-140.8	22.7	36	13.7	120.5	72.2	-133.9	5.8

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: ID21

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	13.7	130.4	91.7	-95.4	-31.7	2	13.7	137.0	108.8	-97.6	-39.8
3	13.7	139.5	122.5	-96.8	-46.7	4	13.7	137.8	132.5	-93.1	-52.1
5	13.7	131.9	138.5	-86.6	-56.0	6	13.7	122.0	140.2	-77.4	-58.1
7	13.7	108.4	137.7	-65.9	-58.5	8	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	10	13.7	91.7	130.4	-33.5	-49.5
11	13.7	108.8	137.0	-28.7	-43.2	12	13.7	122.5	139.5	-23.1	-35.6
13	13.7	132.5	137.8	-16.8	-26.9	14	13.7	138.5	131.9	-10.0	-17.4
15	13.7	140.2	122.0	-2.9	-7.3	16	13.7	137.7	108.4	4.3	3.0
17	13.7	131.1	91.5	11.4	13.2	18	13.7	120.5	72.2	18.1	22.9
19	13.7	130.4	91.7	3.7	31.7	20	13.7	137.0	108.8	-11.2	39.8
21	13.7	139.5	122.5	-25.7	46.7	22	13.7	137.8	132.5	-39.4	52.1
23	13.7	131.9	138.5	-51.9	56.0	24	13.7	122.0	140.2	-62.8	58.1
25	13.7	108.4	137.7	-71.8	58.5	26	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	28	13.7	91.7	130.4	-96.9	49.5
29	13.7	108.8	137.0	-108.3	43.2	30	13.7	122.5	139.5	-116.5	35.6
31	13.7	132.5	137.8	-121.0	26.9	32	13.7	138.5	131.9	-122.0	17.4
33	13.7	140.2	122.0	-119.1	7.3	34	13.7	137.7	108.4	-112.7	-3.0
35	13.7	131.1	91.5	-102.9	-13.2	36	13.7	120.5	72.2	-90.3	-22.9

SOURCE ID: ID22

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	13.7	130.4	91.7	-106.6	31.1	2	13.7	137.0	108.8	-119.5	20.1
3	13.7	139.5	122.5	-128.8	8.5	4	13.7	137.8	132.5	-134.2	-3.3
5	13.7	131.9	138.5	-135.5	-15.0	6	13.7	122.0	140.2	-132.7	-26.3
7	13.7	108.4	137.7	-125.9	-36.8	8	13.7	91.5	131.1	-115.2	-46.1
9	0.0	0.0	0.0	0.0	0.0	10	0.0	0.0	0.0	0.0	0.0
11	13.7	116.2	162.4	-148.5	60.2	12	13.7	122.5	139.5	-78.3	-67.5
13	13.7	132.5	137.8	-65.6	-68.0	14	13.7	138.5	131.9	-50.9	-66.3
15	13.7	140.2	122.0	-34.7	-62.6	16	13.7	137.7	108.4	-17.4	-57.0
17	13.7	131.1	91.5	0.4	-49.7	18	13.7	120.5	72.2	18.2	-40.9
19	13.7	130.4	91.7	14.8	-31.1	20	13.7	137.0	108.8	10.7	-20.1
21	13.7	139.5	122.5	6.3	-8.5	22	13.7	137.8	132.5	1.7	3.3
23	13.7	131.9	138.5	-3.0	15.0	24	13.7	122.0	140.2	-7.5	26.3
25	13.7	108.4	137.7	-11.9	36.8	26	13.7	91.5	131.1	-15.8	46.1
27	0.0	0.0	0.0	0.0	0.0	28	0.0	0.0	0.0	0.0	0.0
29	13.7	116.2	162.4	-13.9	-60.2	30	13.7	122.5	139.5	-61.2	67.5
31	13.7	132.5	137.8	-72.2	68.0	32	13.7	138.5	131.9	-81.0	66.3
33	13.7	140.2	122.0	-87.3	62.6	34	13.7	137.7	108.4	-91.0	57.0
35	13.7	131.1	91.5	-91.9	49.7	36	13.7	120.5	72.2	-90.4	40.9

SOURCE ID: ID23

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	13.7	130.4	91.7	-96.0	-27.5	2	13.7	137.0	108.8	-99.0	-35.8
3	13.7	139.5	122.5	-98.9	-43.0	4	13.7	137.8	132.5	-95.8	-48.8
5	13.7	131.9	138.5	-89.8	-53.2	6	13.7	122.0	140.2	-81.0	-55.9

7 13.7, 108.4, 137.7, -69.8, -57.0, 8 0.0, 0.0, 0.0, 0.0, 0.0,
9 0.0, 0.0, 0.0, 0.0, 0.0, 10 13.7, 91.7, 130.4, -37.7, -50.2,
11 13.7, 108.8, 137.0, -32.7, -44.6, 12 13.7, 122.5, 139.5, -26.8, -37.6,
13 13.7, 132.5, 137.8, -20.1, -29.5, 14 13.7, 138.5, 131.9, -12.8, -20.5,
15 13.7, 140.2, 122.0, -5.1, -10.9, 16 13.7, 137.7, 108.4, 2.8, -1.0,
17 13.7, 131.1, 91.5, 10.6, 9.0, 18 13.7, 120.5, 72.2, 18.0, 18.7,
19 13.7, 130.4, 91.7, 4.3, 27.5, 20 13.7, 137.0, 108.8, -9.8, 35.8,
21 13.7, 139.5, 122.5, -23.6, 43.0, 22 13.7, 137.8, 132.5, -36.7, 48.8,
23 13.7, 131.9, 138.5, -48.7, 53.2, 24 13.7, 122.0, 140.2, -59.2, 55.9,
25 13.7, 108.4, 137.7, -67.9, 57.0, 26 0.0, 0.0, 0.0, 0.0, 0.0,
27 0.0, 0.0, 0.0, 0.0, 0.0, 28 13.7, 91.7, 130.4, -92.7, 50.2,
29 13.7, 108.8, 137.0, -104.3, 44.6, 30 13.7, 122.5, 139.5, -112.8, 37.6,
31 13.7, 132.5, 137.8, -117.7, 29.5, 32 13.7, 138.5, 131.9, -119.2, 20.5,
33 13.7, 140.2, 122.0, -117.0, 10.9, 34 13.7, 137.7, 108.4, -111.2, 1.0,
35 13.7, 131.1, 91.5, -102.1, -9.0, 36 13.7, 120.5, 72.2, -90.2, -18.7,

SOURCE ID: ID24

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	13.7	130.4	91.7	-96.8	-23.0	2	13.7	137.0	108.8	-100.5	-31.5
3	13.7	139.5	122.5	-101.2	-39.0	4	13.7	137.8	132.5	-98.7	-45.3
5	13.7	131.9	138.5	-93.3	-50.2	6	13.7	122.0	140.2	-85.0	-53.6
7	13.7	108.4	137.7	-74.1	-55.4	8	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	10	13.7	91.7	130.4	-42.2	-51.0
11	13.7	108.8	137.0	-37.0	-46.1	12	13.7	122.5	139.5	-30.8	-39.9
13	13.7	132.5	137.8	-23.6	-32.5	14	13.7	138.5	131.9	-15.7	-24.1
15	13.7	140.2	122.0	-7.4	-14.9	16	13.7	137.7	108.4	1.2	-5.3
17	13.7	131.1	91.5	9.8	4.5	18	13.7	120.5	72.2	18.0	14.1
19	13.7	130.4	91.7	5.1	23.0	20	13.7	137.0	108.8	-8.2	31.5
21	13.7	139.5	122.5	-21.3	39.0	22	13.7	137.8	132.5	-33.8	45.3
23	13.7	131.9	138.5	-45.2	50.2	24	13.7	122.0	140.2	-55.2	53.6
25	13.7	108.4	137.7	-63.6	55.4	26	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	28	13.7	91.7	130.4	-88.2	51.0
29	13.7	108.8	137.0	-100.0	46.1	30	13.7	122.5	139.5	-108.8	39.9
31	13.7	132.5	137.8	-114.2	32.5	32	13.7	138.5	131.9	-116.2	24.1
33	13.7	140.2	122.0	-114.7	14.9	34	13.7	137.7	108.4	-109.6	5.3
35	13.7	131.1	91.5	-101.3	-4.5	36	13.7	120.5	72.2	-90.2	-14.1

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: ID25

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	13.7	130.4	91.7	-99.8	-9.0	2	13.7	137.0	108.8	-105.8	-18.2
3	13.7	139.5	122.5	-108.7	-26.8	4	13.7	137.8	132.5	-108.2	-34.6

5	13.7, 131.9, 138.5, -104.5, -41.4,	6	13.7, 122.0, 140.2, -97.6, -46.9,
7	13.7, 108.4, 137.7, -87.7, -50.9,	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	13.7, 108.8, 137.0, -50.3, -51.4,	12	13.7, 122.5, 139.5, -42.9, -47.4,
13	13.7, 132.5, 137.8, -34.3, -42.0,	14	13.7, 138.5, 131.9, -24.6, -35.3,
15	13.7, 140.2, 122.0, -14.1, -27.5,	16	13.7, 137.7, 108.4, -3.3, -18.9,
17	13.7, 131.1, 91.5, 7.7, -9.7,	18	13.7, 120.5, 72.2, 18.4, -0.2,
19	13.7, 130.4, 91.7, 8.0, 9.0,	20	13.7, 137.0, 108.8, -2.9, 18.2,
21	13.7, 139.5, 122.5, -13.8, 26.8,	22	13.7, 137.8, 132.5, -24.2, 34.6,
23	13.7, 131.9, 138.5, -33.9, 41.4,	24	13.7, 122.0, 140.2, -42.6, 46.9,
25	13.7, 108.4, 137.7, -50.0, 50.9,	26	0.0, 0.0, 0.0, 0.0, 0.0,
27	0.0, 0.0, 0.0, 0.0, 0.0,	28	0.0, 0.0, 0.0, 0.0, 0.0,
29	13.7, 108.8, 137.0, -86.7, 51.4,	30	13.7, 122.5, 139.5, -96.6, 47.4,
31	13.7, 132.5, 137.8, -103.5, 42.0,	32	13.7, 138.5, 131.9, -107.3, 35.3,
33	13.7, 140.2, 122.0, -107.9, 27.5,	34	13.7, 137.7, 108.4, -105.1, 18.9,
35	13.7, 131.1, 91.5, -99.2, 9.7,	36	13.7, 120.5, 72.2, -90.6, 0.2,

SOURCE ID: ID26

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	13.7,	130.4,	91.7,	-100.4,	-4.8,	2	13.7,	137.0,	108.8,	-107.2,	-14.2,
3	13.7,	139.5,	122.5,	-110.7,	-23.1,	4	13.7,	137.8,	132.5,	-110.9,	-31.3,
5	13.7,	131.9,	138.5,	-107.7,	-38.6,	6	13.7,	122.0,	140.2,	-101.2,	-44.7,
7	13.7,	108.4,	137.7,	-91.7,	-49.4,	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	13.7,	108.8,	137.0,	-54.3,	-52.8,	12	13.7,	122.5,	139.5,	-46.6,	-49.5,
13	13.7,	132.5,	137.8,	-37.6,	-44.6,	14	13.7,	138.5,	131.9,	-27.4,	-38.5,
15	13.7,	140.2,	122.0,	-16.3,	-31.1,	16	13.7,	137.7,	108.4,	-4.8,	-22.8,
17	13.7,	131.1,	91.5,	6.9,	-13.8,	18	13.7,	120.5,	72.2,	18.3,	-4.5,
19	13.7,	130.4,	91.7,	8.7,	4.8,	20	13.7,	137.0,	108.8,	-1.6,	14.2,
21	13.7,	139.5,	122.5,	-11.8,	23.1,	22	13.7,	137.8,	132.5,	-21.6,	31.3,
23	13.7,	131.9,	138.5,	-30.8,	38.6,	24	13.7,	122.0,	140.2,	-39.0,	44.7,
25	13.7,	108.4,	137.7,	-46.1,	49.4,	26	0.0,	0.0,	0.0,	0.0,	0.0,
27	0.0,	0.0,	0.0,	0.0,	0.0,	28	0.0,	0.0,	0.0,	0.0,	0.0,
29	13.7,	108.8,	137.0,	-82.7,	52.8,	30	13.7,	122.5,	139.5,	-92.9,	49.5,
31	13.7,	132.5,	137.8,	-100.2,	44.6,	32	13.7,	138.5,	131.9,	-104.6,	38.5,
33	13.7,	140.2,	122.0,	-105.7,	31.1,	34	13.7,	137.7,	108.4,	-103.6,	22.8,
35	13.7,	131.1,	91.5,	-98.4,	13.8,	36	13.7,	120.5,	72.2,	-90.6,	4.5,

SOURCE ID: ID27

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	13.7,	130.4,	91.7,	-101.2,	-0.3,	2	13.7,	137.0,	108.8,	-108.8,	-9.9,
3	13.7,	139.5,	122.5,	-113.0,	-19.2,	4	13.7,	137.8,	132.5,	-113.8,	-27.8,
5	13.7,	131.9,	138.5,	-111.2,	-35.6,	6	13.7,	122.0,	140.2,	-105.2,	-42.4,
7	13.7,	108.4,	137.7,	-96.0,	-47.8,	8	13.7,	91.5,	131.1,	-83.9,	-51.8,
9	0.0,	0.0,	0.0,	0.0,	0.0,	10	0.0,	0.0,	0.0,	0.0,	0.0,
11	13.7,	108.8,	137.0,	-58.6,	-54.4,	12	13.7,	122.5,	139.5,	-50.6,	-51.8,
13	13.7,	132.5,	137.8,	-41.1,	-47.6,	14	13.7,	138.5,	131.9,	-30.3,	-42.0,
15	13.7,	140.2,	122.0,	-18.6,	-35.1,	16	13.7,	137.7,	108.4,	-6.4,	-27.1,
17	13.7,	131.1,	91.5,	6.1,	-18.3,	18	13.7,	120.5,	72.2,	18.3,	-9.0,

19 13.7, 130.4, 91.7, 9.5, 0.3,	20 13.7, 137.0, 108.8, -0.0, 9.9,
21 13.7, 139.5, 122.5, -9.5, 19.2,	22 13.7, 137.8, 132.5, -18.7, 27.8,
23 13.7, 131.9, 138.5, -27.2, 35.6,	24 13.7, 122.0, 140.2, -35.0, 42.4,
25 13.7, 108.4, 137.7, -41.8, 47.8,	26 13.7, 91.5, 131.1, -47.2, 51.8,
27 0.0, 0.0, 0.0, 0.0, 0.0,	28 0.0, 0.0, 0.0, 0.0, 0.0,
29 13.7, 108.8, 137.0, -78.4, 54.4,	30 13.7, 122.5, 139.5, -88.9, 51.8,
31 13.7, 132.5, 137.8, -96.7, 47.6,	32 13.7, 138.5, 131.9, -101.6, 42.0,
33 13.7, 140.2, 122.0, -103.4, 35.1,	34 13.7, 137.7, 108.4, -102.0, 27.1,
35 13.7, 131.1, 91.5, -97.6, 18.3,	36 13.7, 120.5, 72.2, -90.6, 9.0,

SOURCE ID: ID28

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	13.7	130.4	91.7	-101.5	3.5,	2	13.7	137.0	108.8	-109.7	-6.2,
3	13.7	139.5	122.5	-114.6	-15.7,	4	13.7	137.8	132.5	-116.0	-24.7,
5	13.7	131.9	138.5	-113.9	-32.9,	6	13.7	122.0	140.2	-108.3	-40.2,
7	13.7	108.4	137.7	-99.4	-46.2,	8	13.7	91.5	131.1	-87.5	-50.8,
9	0.0	0.0	0.0	0.0	0.0,	10	0.0	0.0	0.0	0.0	0.0,
11	13.7	108.8	137.0	-62.3	-55.3,	12	13.7	122.5	139.5	-54.1	-53.4,
13	13.7	132.5	137.8	-44.2	-49.8,	14	13.7	138.5	131.9	-33.0	-44.7,
15	13.7	140.2	122.0	-20.8	-38.2,	16	13.7	137.7	108.4	-8.0	-30.6,
17	13.7	131.1	91.5	5.1	-22.0,	18	13.7	120.5	72.2	18.0	-12.8,
19	13.7	130.4	91.7	9.8	-3.5,	20	13.7	137.0	108.8	1.0	6.2,
21	13.7	139.5	122.5	-7.9	15.7,	22	13.7	137.8	132.5	-16.5	24.7,
23	13.7	131.9	138.5	-24.6	32.9,	24	13.7	122.0	140.2	-31.9	40.2,
25	13.7	108.4	137.7	-38.3	46.2,	26	13.7	91.5	131.1	-43.5	50.8,
27	0.0	0.0	0.0	0.0	0.0,	28	0.0	0.0	0.0	0.0	0.0,
29	13.7	108.8	137.0	-74.7	55.3,	30	13.7	122.5	139.5	-85.5	53.4,
31	13.7	132.5	137.8	-93.6	49.8,	32	13.7	138.5	131.9	-98.9	44.7,
33	13.7	140.2	122.0	-101.2	38.2,	34	13.7	137.7	108.4	-100.4	30.6,
35	13.7	131.1	91.5	-96.6	22.0,	36	13.7	120.5	72.2	-90.2	12.8,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: IS29

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	13.7	130.4	91.7	-105.1	22.4,	2	13.7	137.0	108.8	-116.5	11.8,
3	13.7	139.5	122.5	-124.5	0.9,	4	13.7	137.8	132.5	-128.6	-10.1,
5	13.7	131.9	138.5	-128.8	-20.8,	6	13.7	122.0	140.2	-125.1	-30.8,
7	13.7	108.4	137.7	-117.6	-39.9,	8	13.7	91.5	131.1	-106.5	-47.7,
9	0.0	0.0	0.0	0.0	0.0,	10	0.0	0.0	0.0	0.0	0.0,
11	13.7	116.2	162.4	-140.2	63.1,	12	13.7	122.5	139.5	-70.6	-63.2,
13	13.7	132.5	137.8	-58.8	-62.3,	14	13.7	138.5	131.9	-45.2	-59.6,
15	13.7	140.2	122.0	-30.2	-55.0,	16	13.7	137.7	108.4	-14.4	-48.8,

17 13.7, 131.1, 91.5, 2.0, -41.0,	18 13.7, 120.5, 72.2, 18.2, -32.1,
19 13.7, 130.4, 91.7, 13.4, -22.4,	20 13.7, 137.0, 108.8, 7.8, -11.8,
21 13.7, 139.5, 122.5, 2.0, -0.9,	22 13.7, 137.8, 132.5, -3.9, 10.1,
23 13.7, 131.9, 138.5, -9.7, 20.8,	24 13.7, 122.0, 140.2, -15.1, 30.8,
25 13.7, 108.4, 137.7, -20.1, 39.9,	26 13.7, 91.5, 131.1, -24.5, 47.7,
27 0.0, 0.0, 0.0, 0.0, 0.0,	28 0.0, 0.0, 0.0, 0.0, 0.0,
29 13.7, 116.2, 162.4, -22.2, -63.1,	30 13.7, 122.5, 139.5, -68.9, 63.2,
31 13.7, 132.5, 137.8, -79.0, 62.3,	32 13.7, 138.5, 131.9, -86.7, 59.6,
33 13.7, 140.2, 122.0, -91.8, 55.0,	34 13.7, 137.7, 108.4, -94.1, 48.8,
35 13.7, 131.1, 91.5, -93.5, 41.0,	36 13.7, 120.5, 72.2, -90.5, 32.1,

SOURCE ID: ID210

IFV BH BW BL XADJ YADJ	IFV BH BW BL XADJ YADJ
1 13.7, 130.4, 91.7, -105.8, 26.6,	2 13.7, 137.0, 108.8, -117.9, 15.8,
3 13.7, 139.5, 122.5, -126.5, 4.5,	4 13.7, 137.8, 132.5, -131.2, -6.8,
5 13.7, 131.9, 138.5, -132.0, -18.0,	6 13.7, 122.0, 140.2, -128.7, -28.6,
7 13.7, 108.4, 137.7, -121.5, -38.3,	8 13.7, 91.5, 131.1, -110.7, -46.9,
9 0.0, 0.0, 0.0, 0.0, 0.0,	10 0.0, 0.0, 0.0, 0.0, 0.0,
11 13.7, 116.2, 162.4, -144.2, 61.8,	12 13.7, 122.5, 139.5, -74.3, -65.2,
13 13.7, 132.5, 137.8, -62.1, -65.0,	14 13.7, 138.5, 131.9, -48.0, -62.8,
15 13.7, 140.2, 122.0, -32.4, -58.6,	16 13.7, 137.7, 108.4, -15.9, -52.7,
17 13.7, 131.1, 91.5, 1.2, -45.2,	18 13.7, 120.5, 72.2, 18.2, -36.3,
19 13.7, 130.4, 91.7, 14.0, -26.6,	20 13.7, 137.0, 108.8, 9.2, -15.8,
21 13.7, 139.5, 122.5, 4.0, -4.5,	22 13.7, 137.8, 132.5, -1.2, 6.8,
23 13.7, 131.9, 138.5, -6.5, 18.0,	24 13.7, 122.0, 140.2, -11.5, 28.6,
25 13.7, 108.4, 137.7, -16.2, 38.3,	26 13.7, 91.5, 131.1, -20.4, 46.9,
27 0.0, 0.0, 0.0, 0.0, 0.0,	28 0.0, 0.0, 0.0, 0.0, 0.0,
29 13.7, 116.2, 162.4, -18.2, -61.8,	30 13.7, 122.5, 139.5, -65.2, 65.2,
31 13.7, 132.5, 137.8, -75.7, 65.0,	32 13.7, 138.5, 131.9, -84.0, 62.8,
33 13.7, 140.2, 122.0, -89.6, 58.6,	34 13.7, 137.7, 108.4, -92.6, 52.7,
35 13.7, 131.1, 91.5, -92.7, 45.2,	36 13.7, 120.5, 72.2, -90.4, 36.3,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(466821.8, 3760535.7, 272.0,	272.0,	0.0);	(466841.8,
3760535.7, 272.0, 272.0,	0.0);		
(466861.8, 3760535.7, 272.0,	272.0,	0.0);	(466881.8,
3760535.7, 272.0, 272.0,	0.0);		
(466901.8, 3760535.7, 272.0,	272.0,	0.0);	(466921.8,
3760535.7, 272.3, 272.3,	0.0);		
(466941.8, 3760535.7, 272.6,	272.6,	0.0);	(466961.8,
3760535.7, 273.0, 273.0,	0.0);		

(466981.8, 3760535.7,	273.0,	273.0,	0.0);	(467001.8,
3760535.7,	273.4,	273.4,	0.0);	
(467021.8, 3760535.7,	274.0,	274.0,	0.0);	(467041.8,
3760535.7,	274.0,	274.0,	0.0);	
(467061.8, 3760535.7,	274.2,	274.2,	0.0);	(467081.8,
3760535.7,	274.4,	274.4,	0.0);	
(467101.8, 3760535.7,	274.8,	274.8,	0.0);	(467121.8,
3760535.7,	275.2,	275.2,	0.0);	
(467141.8, 3760535.7,	275.4,	275.4,	0.0);	(467161.8,
3760535.7,	275.8,	275.8,	0.0);	
(467181.8, 3760535.7,	276.2,	276.2,	0.0);	(467201.8,
3760535.7,	276.4,	276.4,	0.0);	
(467221.8, 3760535.7,	276.8,	276.8,	0.0);	(467241.8,
3760535.7,	277.0,	592.0,	0.0);	
(467261.8, 3760535.7,	277.1,	592.0,	0.0);	(467281.8,
3760535.7,	277.8,	592.0,	0.0);	
(467301.8, 3760535.7,	278.0,	592.0,	0.0);	(467321.8,
3760535.7,	278.1,	914.0,	0.0);	
(467341.8, 3760535.7,	278.8,	914.0,	0.0);	(467361.8,
3760535.7,	279.0,	914.0,	0.0);	
(467381.8, 3760535.7,	279.0,	914.0,	0.0);	(466821.8,
3760555.7,	271.8,	271.8,	0.0);	
(466841.8, 3760555.7,	272.0,	272.0,	0.0);	(466861.8,
3760555.7,	272.0,	272.0,	0.0);	
(466881.8, 3760555.7,	272.0,	272.0,	0.0);	(466901.8,
3760555.7,	272.0,	272.0,	0.0);	
(466921.8, 3760555.7,	272.0,	272.0,	0.0);	(466941.8,
3760555.7,	272.4,	272.4,	0.0);	
(466961.8, 3760555.7,	273.0,	273.0,	0.0);	(466981.8,
3760555.7,	273.0,	273.0,	0.0);	
(467001.8, 3760555.7,	273.3,	273.3,	0.0);	(467021.8,
3760555.7,	273.7,	273.7,	0.0);	
(467041.8, 3760555.7,	273.9,	273.9,	0.0);	(467061.8,
3760555.7,	274.0,	274.0,	0.0);	
(467081.8, 3760555.7,	274.1,	274.1,	0.0);	(467101.8,
3760555.7,	274.8,	274.8,	0.0);	
(467121.8, 3760555.7,	275.0,	275.0,	0.0);	(467141.8,
3760555.7,	275.1,	275.1,	0.0);	
(467161.8, 3760555.7,	275.8,	275.8,	0.0);	(467181.8,
3760555.7,	276.0,	276.0,	0.0);	
(467201.8, 3760555.7,	276.1,	276.1,	0.0);	(467221.8,
3760555.7,	276.5,	592.0,	0.0);	
(467241.8, 3760555.7,	276.8,	592.0,	0.0);	(467261.8,
3760555.7,	277.1,	592.0,	0.0);	
(467281.8, 3760555.7,	277.5,	592.0,	0.0);	(467301.8,
3760555.7,	277.8,	592.0,	0.0);	
(467321.8, 3760555.7,	278.1,	914.0,	0.0);	(467341.8,
3760555.7,	278.5,	914.0,	0.0);	
(467361.8, 3760555.7,	278.8,	914.0,	0.0);	(467381.8,
3760555.7,	279.0,	914.0,	0.0);	
(466821.8, 3760575.7,	271.4,	271.4,	0.0);	(466841.8,
3760575.7,	272.0,	272.0,	0.0);	
(466861.8, 3760575.7,	272.0,	272.0,	0.0);	(466881.8,
3760575.7,	272.0,	272.0,	0.0);	
(466901.8, 3760575.7,	272.0,	272.0,	0.0);	(466921.8,

3760575.7,	272.0,	272.0,	0.0);		
(466941.8,	3760575.7,	272.4,	272.4,	0.0);	(466961.8,
3760575.7,	273.0,	273.0,	0.0);		
(466981.8,	3760575.7,	273.0,	273.0,	0.0);	(467001.8,
3760575.7,	273.0,	273.0,	0.0);		
(467021.8,	3760575.7,	273.1,	273.1,	0.0);	(467041.8,
3760575.7,	273.8,	273.8,	0.0);		
(467061.8,	3760575.7,	274.0,	274.0,	0.0);	(467081.8,
3760575.7,	274.1,	274.1,	0.0);		
(467101.8,	3760575.7,	274.8,	274.8,	0.0);	(467121.8,
3760575.7,	275.0,	275.0,	0.0);		
(467141.8,	3760575.7,	275.1,	275.1,	0.0);	(467161.8,
3760575.7,	275.8,	275.8,	0.0);		
(467181.8,	3760575.7,	276.0,	276.0,	0.0);	(467201.8,
3760575.7,	276.0,	276.0,	0.0);		
(467221.8,	3760575.7,	276.0,	592.0,	0.0);	(467241.8,
3760575.7,	276.4,	592.0,	0.0);		
(467261.8,	3760575.7,	277.0,	592.0,	0.0);	(467281.8,
3760575.7,	277.0,	592.0,	0.0);		
(467301.8,	3760575.7,	277.4,	592.0,	0.0);	(467321.8,
3760575.7,	278.0,	592.0,	0.0);		
(467341.8,	3760575.7,	278.0,	914.0,	0.0);	(467361.8,
3760575.7,	278.4,	914.0,	0.0);		
(467381.8,	3760575.7,	279.0,	914.0,	0.0);	(466821.8,
3760595.7,	271.2,	271.2,	0.0);		
(466841.8,	3760595.7,	271.4,	271.4,	0.0);	(466861.8,
3760595.7,	271.4,	271.4,	0.0);		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(466881.8,	3760595.7,	271.6,	271.6,	0.0);	(466901.8,
3760595.7,	272.0,	272.0,	0.0);		
(466921.8,	3760595.7,	272.0,	272.0,	0.0);	(466941.8,
3760595.7,	272.2,	272.2,	0.0);		
(466961.8,	3760595.7,	272.4,	272.4,	0.0);	(466981.8,
3760595.7,	272.8,	272.8,	0.0);		
(467001.8,	3760595.7,	273.0,	273.0,	0.0);	(467021.8,
3760595.7,	273.1,	273.1,	0.0);		
(467041.8,	3760595.7,	273.8,	273.8,	0.0);	(467061.8,
3760595.7,	274.0,	274.0,	0.0);		
(467081.8,	3760595.7,	274.0,	274.0,	0.0);	(467101.8,
3760595.7,	274.3,	274.3,	0.0);		
(467121.8,	3760595.7,	274.6,	274.6,	0.0);	(467141.8,
3760595.7,	275.0,	275.0,	0.0);		
(467161.8,	3760595.7,	275.3,	275.3,	0.0);	(467181.8,
3760595.7,	275.6,	275.6,	0.0);		

(467201.8, 3760595.7, 276.0, 276.0, 0.0);	(467221.8,
3760595.7, 276.0, 592.0, 0.0);	
(467241.8, 3760595.7, 276.2, 592.0, 0.0);	(467261.8,
3760595.7, 276.4, 592.0, 0.0);	
(467281.8, 3760595.7, 276.8, 592.0, 0.0);	(467301.8,
3760595.7, 277.2, 592.0, 0.0);	
(467321.8, 3760595.7, 277.4, 592.0, 0.0);	(467341.8,
3760595.7, 277.8, 914.0, 0.0);	
(467361.8, 3760595.7, 278.2, 914.0, 0.0);	(467381.8,
3760595.7, 278.4, 914.0, 0.0);	
(466821.8, 3760615.7, 270.8, 270.8, 0.0);	(466841.8,
3760615.7, 271.0, 271.0, 0.0);	
(466861.8, 3760615.7, 271.0, 271.0, 0.0);	(466881.8,
3760615.7, 271.3, 271.3, 0.0);	
(466901.8, 3760615.7, 271.7, 271.7, 0.0);	(466921.8,
3760615.7, 271.9, 271.9, 0.0);	
(466941.8, 3760615.7, 272.0, 272.0, 0.0);	(466961.8,
3760615.7, 272.1, 272.1, 0.0);	
(466981.8, 3760615.7, 272.5, 272.5, 0.0);	(467001.8,
3760615.7, 272.8, 272.8, 0.0);	
(467021.8, 3760615.7, 273.1, 273.1, 0.0);	(467041.8,
3760615.7, 273.5, 273.5, 0.0);	
(467061.8, 3760615.7, 273.8, 273.8, 0.0);	(467081.8,
3760615.7, 274.0, 274.0, 0.0);	
(467101.8, 3760615.7, 274.0, 274.0, 0.0);	(467121.8,
3760615.7, 274.4, 274.4, 0.0);	
(467141.8, 3760615.7, 275.0, 275.0, 0.0);	(467161.8,
3760615.7, 275.0, 275.0, 0.0);	
(467181.8, 3760615.7, 275.3, 275.3, 0.0);	(467201.8,
3760615.7, 275.7, 592.0, 0.0);	
(467221.8, 3760615.7, 275.7, 592.0, 0.0);	(467241.8,
3760615.7, 275.8, 592.0, 0.0);	
(467261.8, 3760615.7, 276.1, 592.0, 0.0);	(467281.8,
3760615.7, 276.5, 592.0, 0.0);	
(467301.8, 3760615.7, 276.8, 592.0, 0.0);	(467321.8,
3760615.7, 277.1, 592.0, 0.0);	
(467341.8, 3760615.7, 277.5, 914.0, 0.0);	(467361.8,
3760615.7, 277.8, 914.0, 0.0);	
(467381.8, 3760615.7, 278.1, 914.0, 0.0);	(466821.8,
3760635.7, 270.4, 270.4, 0.0);	
(466841.8, 3760635.7, 271.0, 271.0, 0.0);	(466861.8,
3760635.7, 271.0, 271.0, 0.0);	
(466881.8, 3760635.7, 271.0, 271.0, 0.0);	(466901.8,
3760635.7, 271.1, 271.1, 0.0);	
(466921.8, 3760635.7, 271.8, 271.8, 0.0);	(466941.8,
3760635.7, 272.0, 272.0, 0.0);	
(466961.8, 3760635.7, 272.0, 272.0, 0.0);	(466981.8,
3760635.7, 272.0, 272.0, 0.0);	
(467001.8, 3760635.7, 272.4, 272.4, 0.0);	(467021.8,
3760635.7, 273.0, 273.0, 0.0);	
(467041.8, 3760635.7, 273.0, 273.0, 0.0);	(467061.8,
3760635.7, 273.4, 273.4, 0.0);	
(467081.8, 3760635.7, 274.0, 274.0, 0.0);	(467101.8,
3760635.7, 274.0, 274.0, 0.0);	
(467121.8, 3760635.7, 274.4, 274.4, 0.0);	(467141.8,

3760635.7,	275.0,	275.0,	0.0);		
(467161.8,	3760635.7,	275.0,	275.0,	0.0);	(467181.8,
3760635.7,	275.0,	592.0,	0.0);		
(467201.8,	3760635.7,	275.0,	592.0,	0.0);	(467221.8,
3760635.7,	275.0,	592.0,	0.0);		
(467241.8,	3760635.7,	275.4,	592.0,	0.0);	(467261.8,
3760635.7,	276.0,	592.0,	0.0);		
(467281.8,	3760635.7,	276.0,	592.0,	0.0);	(467301.8,
3760635.7,	276.4,	592.0,	0.0);		
(467321.8,	3760635.7,	277.0,	592.0,	0.0);	(467341.8,
3760635.7,	277.0,	914.0,	0.0);		
(467361.8,	3760635.7,	277.4,	914.0,	0.0);	(467381.8,
3760635.7,	278.0,	914.0,	0.0);		
(466821.8,	3760655.7,	270.2,	270.2,	0.0);	(466841.8,
3760655.7,	270.4,	270.4,	0.0);		
(466861.8,	3760655.7,	270.8,	270.8,	0.0);	(466881.8,
3760655.7,	271.0,	271.0,	0.0);		
(466901.8,	3760655.7,	271.0,	271.0,	0.0);	(466921.8,
3760655.7,	271.3,	271.3,	0.0);		

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*** AERMET - VERSION 22112 *** *** Period Average DPM Project Operations ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***					
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)					
(METERS)					
(466941.8,	3760655.7,	271.6,	271.6,	0.0);	(466961.8,
3760655.7,	272.0,	272.0,	0.0);		
(466981.8,	3760655.7,	272.0,	272.0,	0.0);	(467001.8,
3760655.7,	272.4,	272.4,	0.0);		
(467021.8,	3760655.7,	273.0,	273.0,	0.0);	(467041.8,
3760655.7,	273.0,	273.0,	0.0);		
(467061.8,	3760655.7,	273.4,	273.4,	0.0);	(467081.8,
3760655.7,	274.0,	274.0,	0.0);		
(467101.8,	3760655.7,	274.0,	274.0,	0.0);	(467121.8,
3760655.7,	274.4,	274.4,	0.0);		
(467141.8,	3760655.7,	275.0,	275.0,	0.0);	(467161.8,
3760655.7,	275.0,	275.0,	0.0);		
(467181.8,	3760655.7,	275.0,	592.0,	0.0);	(467201.8,
3760655.7,	275.0,	592.0,	0.0);		
(467221.8,	3760655.7,	275.0,	592.0,	0.0);	(467241.8,
3760655.7,	275.2,	592.0,	0.0);		
(467261.8,	3760655.7,	275.4,	592.0,	0.0);	(467281.8,
3760655.7,	275.4,	592.0,	0.0);		
(467301.8,	3760655.7,	275.8,	592.0,	0.0);	(467321.8,
3760655.7,	276.4,	592.0,	0.0);		
(467341.8,	3760655.7,	276.8,	592.0,	0.0);	(467361.8,
3760655.7,	277.2,	914.0,	0.0);		
(467381.8,	3760655.7,	277.4,	914.0,	0.0);	(466821.8,
3760675.7,	270.0,	270.0,	0.0);		

(466841.8, 3760675.7,	270.1,	270.1,	0.0);	(466861.8,
3760675.7,	270.5,	270.5,	0.0);	
(466881.8, 3760675.7,	270.8,	270.8,	0.0);	(466901.8,
3760675.7,	271.0,	271.0,	0.0);	
(466921.8, 3760675.7,	271.0,	271.0,	0.0);	(466941.8,
3760675.7,	271.3,	271.3,	0.0);	
(466961.8, 3760675.7,	271.7,	271.7,	0.0);	(466981.8,
3760675.7,	271.9,	271.9,	0.0);	
(467001.8, 3760675.7,	272.3,	272.3,	0.0);	(467021.8,
3760675.7,	272.7,	272.7,	0.0);	
(467041.8, 3760675.7,	272.9,	272.9,	0.0);	(467061.8,
3760675.7,	273.4,	273.4,	0.0);	
(467081.8, 3760675.7,	274.0,	274.0,	0.0);	(467101.8,
3760675.7,	274.0,	274.0,	0.0);	
(467121.8, 3760675.7,	274.3,	274.3,	0.0);	(467141.8,
3760675.7,	274.7,	274.7,	0.0);	
(467161.8, 3760675.7,	274.7,	274.7,	0.0);	(467181.8,
3760675.7,	274.7,	592.0,	0.0);	
(467201.8, 3760675.7,	274.7,	592.0,	0.0);	(467221.8,
3760675.7,	274.7,	592.0,	0.0);	
(467241.8, 3760675.7,	274.7,	592.0,	0.0);	(467261.8,
3760675.7,	274.7,	592.0,	0.0);	
(467281.8, 3760675.7,	274.9,	592.0,	0.0);	(467301.8,
3760675.7,	275.4,	592.0,	0.0);	
(467321.8, 3760675.7,	276.1,	592.0,	0.0);	(467341.8,
3760675.7,	276.5,	592.0,	0.0);	
(467361.8, 3760675.7,	276.8,	914.0,	0.0);	(467381.8,
3760675.7,	277.0,	914.0,	0.0);	
(466821.8, 3760695.7,	270.0,	270.0,	0.0);	(466841.8,
3760695.7,	270.0,	270.0,	0.0);	
(466861.8, 3760695.7,	270.0,	270.0,	0.0);	(466881.8,
3760695.7,	270.4,	270.4,	0.0);	
(466901.8, 3760695.7,	271.0,	271.0,	0.0);	(466921.8,
3760695.7,	271.0,	271.0,	0.0);	
(466941.8, 3760695.7,	271.0,	271.0,	0.0);	(466961.8,
3760695.7,	271.1,	271.1,	0.0);	
(466981.8, 3760695.7,	271.8,	271.8,	0.0);	(467001.8,
3760695.7,	272.0,	272.0,	0.0);	
(467021.8, 3760695.7,	272.1,	272.1,	0.0);	(467041.8,
3760695.7,	272.8,	272.8,	0.0);	
(467061.8, 3760695.7,	273.4,	273.4,	0.0);	(467081.8,
3760695.7,	274.0,	274.0,	0.0);	
(467101.8, 3760695.7,	274.0,	274.0,	0.0);	(467121.8,
3760695.7,	274.0,	274.0,	0.0);	
(467141.8, 3760695.7,	274.0,	274.0,	0.0);	(467161.8,
3760695.7,	274.0,	592.0,	0.0);	
(467181.8, 3760695.7,	274.0,	592.0,	0.0);	(467201.8,
3760695.7,	274.0,	592.0,	0.0);	
(467221.8, 3760695.7,	274.0,	592.0,	0.0);	(467241.8,
3760695.7,	274.0,	592.0,	0.0);	
(467261.8, 3760695.7,	274.1,	592.0,	0.0);	(467281.8,
3760695.7,	274.8,	592.0,	0.0);	
(467301.8, 3760695.7,	275.4,	592.0,	0.0);	(467321.8,
3760695.7,	276.0,	592.0,	0.0);	
(467341.8, 3760695.7,	276.0,	592.0,	0.0);	(467361.8,

3760695.7,	276.4,	914.0,	0.0);		
(467381.8,	3760695.7,	277.0,	914.0,	0.0);	(466821.8,
3760715.7,	269.6,	269.6,	0.0);		
(466841.8,	3760715.7,	270.0,	270.0,	0.0);	(466861.8,
3760715.7,	270.0,	270.0,	0.0);		
(466881.8,	3760715.7,	270.2,	270.2,	0.0);	(466901.8,
3760715.7,	270.4,	270.4,	0.0);		
(466921.8,	3760715.7,	270.8,	270.8,	0.0);	(466941.8,
3760715.7,	271.0,	271.0,	0.0);		
(466961.8,	3760715.7,	271.1,	271.1,	0.0);	(466981.8,
3760715.7,	271.8,	271.8,	0.0);		

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*** AERMET - VERSION 22112 *** *** Period Average DPM Project Operations

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***					
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)					
(METERS)					
(467001.8,	3760715.7,	272.0,	272.0,	0.0);	(467021.8,
3760715.7,	272.0,	272.0,	0.0);		
(467041.8,	3760715.7,	272.3,	272.3,	0.0);	(467061.8,
3760715.7,	272.8,	272.8,	0.0);		
(467081.8,	3760715.7,	273.4,	273.4,	0.0);	(467101.8,
3760715.7,	273.8,	273.8,	0.0);		
(467121.8,	3760715.7,	274.0,	274.0,	0.0);	(467141.8,
3760715.7,	274.0,	274.0,	0.0);		
(467161.8,	3760715.7,	274.0,	592.0,	0.0);	(467181.8,
3760715.7,	274.0,	592.0,	0.0);		
(467201.8,	3760715.7,	274.0,	592.0,	0.0);	(467221.8,
3760715.7,	274.0,	592.0,	0.0);		
(467241.8,	3760715.7,	274.0,	592.0,	0.0);	(467261.8,
3760715.7,	274.1,	592.0,	0.0);		
(467281.8,	3760715.7,	274.8,	592.0,	0.0);	(467301.8,
3760715.7,	275.2,	592.0,	0.0);		
(467321.8,	3760715.7,	275.4,	592.0,	0.0);	(467341.8,
3760715.7,	275.8,	592.0,	0.0);		
(467361.8,	3760715.7,	276.2,	914.0,	0.0);	(467381.8,
3760715.7,	276.4,	914.0,	0.0);		
(466821.8,	3760735.7,	269.3,	269.3,	0.0);	(466841.8,
3760735.7,	269.7,	269.7,	0.0);		
(466861.8,	3760735.7,	269.9,	269.9,	0.0);	(466881.8,
3760735.7,	270.0,	270.0,	0.0);		
(466901.8,	3760735.7,	270.1,	270.1,	0.0);	(466921.8,
3760735.7,	270.8,	270.8,	0.0);		
(466941.8,	3760735.7,	271.0,	271.0,	0.0);	(466961.8,
3760735.7,	271.1,	271.1,	0.0);		
(466981.8,	3760735.7,	271.5,	271.5,	0.0);	(467001.8,
3760735.7,	271.8,	271.8,	0.0);		
(467201.8,	3760735.7,	274.0,	592.0,	0.0);	(467221.8,
3760735.7,	274.0,	592.0,	0.0);		

(467241.8, 3760735.7,	274.0,	592.0,	0.0);	(467261.8,
3760735.7,	274.1,	592.0,	0.0);	
(467281.8, 3760735.7,	274.8,	592.0,	0.0);	(467301.8,
3760735.7,	275.0,	592.0,	0.0);	
(467321.8, 3760735.7,	275.1,	592.0,	0.0);	(467341.8,
3760735.7,	275.8,	592.0,	0.0);	
(467361.8, 3760735.7,	275.9,	592.0,	0.0);	(467381.8,
3760735.7,	275.7,	914.0,	0.0);	
(466821.8, 3760755.7,	269.0,	269.0,	0.0);	(466841.8,
3760755.7,	269.1,	269.1,	0.0);	
(466861.8, 3760755.7,	269.8,	269.8,	0.0);	(466881.8,
3760755.7,	270.0,	270.0,	0.0);	
(466901.8, 3760755.7,	270.1,	270.1,	0.0);	(466921.8,
3760755.7,	270.8,	270.8,	0.0);	
(466941.8, 3760755.7,	271.0,	271.0,	0.0);	(466961.8,
3760755.7,	271.0,	271.0,	0.0);	
(466981.8, 3760755.7,	271.0,	271.0,	0.0);	(467001.8,
3760755.7,	271.4,	271.4,	0.0);	
(467201.8, 3760755.7,	274.0,	592.0,	0.0);	(467221.8,
3760755.7,	274.0,	592.0,	0.0);	
(467241.8, 3760755.7,	274.0,	592.0,	0.0);	(467261.8,
3760755.7,	274.1,	592.0,	0.0);	
(467281.8, 3760755.7,	274.8,	592.0,	0.0);	(467301.8,
3760755.7,	275.0,	592.0,	0.0);	
(467321.8, 3760755.7,	275.1,	592.0,	0.0);	(467341.8,
3760755.7,	275.8,	592.0,	0.0);	
(467361.8, 3760755.7,	275.6,	592.0,	0.0);	(467381.8,
3760755.7,	275.0,	914.0,	0.0);	
(466821.8, 3760775.7,	269.0,	269.0,	0.0);	(466841.8,
3760775.7,	269.0,	269.0,	0.0);	
(466861.8, 3760775.7,	269.3,	269.3,	0.0);	(466881.8,
3760775.7,	269.6,	269.6,	0.0);	
(466901.8, 3760775.7,	270.0,	270.0,	0.0);	(466921.8,
3760775.7,	270.3,	270.3,	0.0);	
(466941.8, 3760775.7,	270.6,	270.6,	0.0);	(466961.8,
3760775.7,	271.0,	271.0,	0.0);	
(466981.8, 3760775.7,	271.0,	271.0,	0.0);	(467001.8,
3760775.7,	271.4,	271.4,	0.0);	
(467201.8, 3760775.7,	274.1,	592.0,	0.0);	(467221.8,
3760775.7,	274.5,	592.0,	0.0);	
(467241.8, 3760775.7,	274.6,	592.0,	0.0);	(467261.8,
3760775.7,	274.7,	592.0,	0.0);	
(467281.8, 3760775.7,	274.9,	592.0,	0.0);	(467301.8,
3760775.7,	275.3,	592.0,	0.0);	
(467321.8, 3760775.7,	275.7,	592.0,	0.0);	(467341.8,
3760775.7,	275.9,	592.0,	0.0);	
(467361.8, 3760775.7,	275.6,	592.0,	0.0);	(467381.8,
3760775.7,	274.9,	914.0,	0.0);	
(466821.8, 3760795.7,	268.8,	268.8,	0.0);	(466841.8,
3760795.7,	269.0,	269.0,	0.0);	
(466861.8, 3760795.7,	269.0,	269.0,	0.0);	(466881.8,
3760795.7,	269.4,	269.4,	0.0);	
(466901.8, 3760795.7,	270.0,	270.0,	0.0);	(466921.8,
3760795.7,	270.0,	270.0,	0.0);	
(466941.8, 3760795.7,	270.3,	270.3,	0.0);	(466961.8,

3760795.7,	270.7,	270.7,	0.0);		
(466981.8,	3760795.7,	270.9,	270.9,	0.0);	(467001.8,
3760795.7,	271.3,	271.3,	0.0);		

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***					
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)					
(METERS)					
(467201.8,	3760795.7,	274.1,	592.0,	0.0);	(467221.8,
3760795.7,	274.5,	592.0,	0.0);		
(467241.8,	3760795.7,	274.8,	592.0,	0.0);	(467261.8,
3760795.7,	275.0,	592.0,	0.0);		
(467281.8,	3760795.7,	275.0,	592.0,	0.0);	(467301.8,
3760795.7,	275.3,	592.0,	0.0);		
(467321.8,	3760795.7,	275.7,	592.0,	0.0);	(467341.8,
3760795.7,	275.7,	592.0,	0.0);		
(467361.8,	3760795.7,	275.3,	592.0,	0.0);	(467381.8,
3760795.7,	274.6,	914.0,	0.0);		
(466821.8,	3760815.7,	268.4,	268.4,	0.0);	(466841.8,
3760815.7,	269.0,	269.0,	0.0);		
(466861.8,	3760815.7,	269.0,	269.0,	0.0);	(466881.8,
3760815.7,	269.4,	269.4,	0.0);		
(466901.8,	3760815.7,	270.0,	270.0,	0.0);	(466921.8,
3760815.7,	270.0,	270.0,	0.0);		
(466941.8,	3760815.7,	270.0,	270.0,	0.0);	(466961.8,
3760815.7,	270.1,	270.1,	0.0);		
(466981.8,	3760815.7,	270.8,	270.8,	0.0);	(467001.8,
3760815.7,	271.0,	271.0,	0.0);		
(467201.8,	3760815.7,	274.0,	592.0,	0.0);	(467221.8,
3760815.7,	274.0,	592.0,	0.0);		
(467241.8,	3760815.7,	274.4,	592.0,	0.0);	(467261.8,
3760815.7,	275.0,	592.0,	0.0);		
(467281.8,	3760815.7,	275.0,	592.0,	0.0);	(467301.8,
3760815.7,	275.0,	592.0,	0.0);		
(467321.8,	3760815.7,	275.0,	592.0,	0.0);	(467341.8,
3760815.7,	275.0,	592.0,	0.0);		
(467361.8,	3760815.7,	274.6,	592.0,	0.0);	(467381.8,
3760815.7,	274.0,	914.0,	0.0);		
(466821.8,	3760835.7,	268.4,	268.4,	0.0);	(466841.8,
3760835.7,	269.0,	269.0,	0.0);		
(466861.8,	3760835.7,	269.0,	269.0,	0.0);	(466881.8,
3760835.7,	269.2,	269.2,	0.0);		
(466901.8,	3760835.7,	269.4,	269.4,	0.0);	(466921.8,
3760835.7,	269.8,	269.8,	0.0);		
(466941.8,	3760835.7,	270.0,	270.0,	0.0);	(466961.8,
3760835.7,	270.0,	270.0,	0.0);		
(466981.8,	3760835.7,	270.3,	270.3,	0.0);	(467001.8,
3760835.7,	270.6,	270.6,	0.0);		

(467201.8, 3760835.7, 274.0, 592.0, 0.0);	(467221.8,
3760835.7, 274.0, 592.0, 0.0);	
(467241.8, 3760835.7, 274.2, 592.0, 0.0);	(467261.8,
3760835.7, 274.4, 592.0, 0.0);	
(467281.8, 3760835.7, 274.8, 592.0, 0.0);	(467301.8,
3760835.7, 275.0, 592.0, 0.0);	
(467321.8, 3760835.7, 275.0, 592.0, 0.0);	(467341.8,
3760835.7, 275.0, 592.0, 0.0);	
(467361.8, 3760835.7, 274.6, 592.0, 0.0);	(467381.8,
3760835.7, 274.0, 592.0, 0.0);	
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3760855.7, 268.7, 268.7, 0.0);	
(466861.8, 3760855.7, 268.9, 268.9, 0.0);	(466881.8,
3760855.7, 269.0, 269.0, 0.0);	
(466901.8, 3760855.7, 269.1, 269.1, 0.0);	(466921.8,
3760855.7, 269.8, 269.8, 0.0);	
(466941.8, 3760855.7, 270.0, 270.0, 0.0);	(466961.8,
3760855.7, 270.0, 270.0, 0.0);	
(466981.8, 3760855.7, 270.0, 270.0, 0.0);	(467001.8,
3760855.7, 270.4, 270.4, 0.0);	
(467201.8, 3760855.7, 273.7, 592.0, 0.0);	(467221.8,
3760855.7, 273.9, 592.0, 0.0);	
(467241.8, 3760855.7, 274.0, 592.0, 0.0);	(467261.8,
3760855.7, 274.1, 592.0, 0.0);	
(467281.8, 3760855.7, 274.8, 592.0, 0.0);	(467301.8,
3760855.7, 275.0, 592.0, 0.0);	
(467321.8, 3760855.7, 275.0, 592.0, 0.0);	(467341.8,
3760855.7, 274.8, 592.0, 0.0);	
(467361.8, 3760855.7, 274.4, 592.0, 0.0);	(467381.8,
3760855.7, 274.0, 592.0, 0.0);	
(466821.8, 3760875.7, 268.0, 268.0, 0.0);	(466841.8,
3760875.7, 268.1, 268.1, 0.0);	
(466861.8, 3760875.7, 268.8, 268.8, 0.0);	(466881.8,
3760875.7, 269.0, 269.0, 0.0);	
(466901.8, 3760875.7, 269.1, 269.1, 0.0);	(466921.8,
3760875.7, 269.8, 269.8, 0.0);	
(466941.8, 3760875.7, 270.0, 270.0, 0.0);	(466961.8,
3760875.7, 270.0, 270.0, 0.0);	
(466981.8, 3760875.7, 270.0, 270.0, 0.0);	(467001.8,
3760875.7, 270.4, 270.4, 0.0);	
(467201.8, 3760875.7, 273.1, 592.0, 0.0);	(467221.8,
3760875.7, 273.8, 592.0, 0.0);	
(467241.8, 3760875.7, 274.0, 592.0, 0.0);	(467261.8,
3760875.7, 274.1, 592.0, 0.0);	
(467281.8, 3760875.7, 274.8, 592.0, 0.0);	(467301.8,
3760875.7, 275.0, 592.0, 0.0);	
(467321.8, 3760875.7, 274.9, 592.0, 0.0);	(467341.8,
3760875.7, 274.3, 592.0, 0.0);	
(467361.8, 3760875.7, 274.0, 592.0, 0.0);	(467381.8,
3760875.7, 274.1, 592.0, 0.0);	

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

( 466821.8, 3760895.7, 267.6, 267.6, 0.0); ( 466841.8,
3760895.7, 268.0, 268.0, 0.0);
( 466861.8, 3760895.7, 268.3, 268.3, 0.0); ( 466881.8,
3760895.7, 268.6, 268.6, 0.0);
( 466901.8, 3760895.7, 269.0, 269.0, 0.0); ( 466921.8,
3760895.7, 269.3, 269.3, 0.0);
( 466941.8, 3760895.7, 269.6, 269.6, 0.0); ( 466961.8,
3760895.7, 270.0, 270.0, 0.0);
( 466981.8, 3760895.7, 270.0, 270.0, 0.0); ( 467001.8,
3760895.7, 270.2, 270.2, 0.0);
( 467201.8, 3760895.7, 273.0, 592.0, 0.0); ( 467221.8,
3760895.7, 273.3, 592.0, 0.0);
( 467241.8, 3760895.7, 273.6, 592.0, 0.0); ( 467261.8,
3760895.7, 274.0, 592.0, 0.0);
( 467281.8, 3760895.7, 274.3, 592.0, 0.0); ( 467301.8,
3760895.7, 274.6, 592.0, 0.0);
( 467321.8, 3760895.7, 274.8, 592.0, 0.0); ( 467341.8,
3760895.7, 273.3, 592.0, 0.0);
( 467361.8, 3760895.7, 272.7, 592.0, 0.0); ( 467381.8,
3760895.7, 272.9, 592.0, 0.0);
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( 466861.8, 3760915.7, 268.0, 268.0, 0.0); ( 466881.8,
3760915.7, 268.4, 268.4, 0.0);
( 466901.8, 3760915.7, 269.0, 269.0, 0.0); ( 466921.8,
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3760915.7, 270.0, 270.0, 0.0);
( 466981.8, 3760915.7, 270.0, 270.0, 0.0); ( 467001.8,
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( 467201.8, 3760915.7, 273.0, 592.0, 0.0); ( 467221.8,
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( 467241.8, 3760915.7, 273.3, 592.0, 0.0); ( 467261.8,
3760915.7, 273.7, 592.0, 0.0);
( 467281.8, 3760915.7, 273.7, 592.0, 0.0); ( 467301.8,
3760915.7, 273.7, 592.0, 0.0);
( 467321.8, 3760915.7, 273.6, 592.0, 0.0); ( 467341.8,
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( 467361.8, 3760915.7, 271.8, 592.0, 0.0); ( 467381.8,
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( 466861.8, 3760935.7, 268.0, 268.0, 0.0); ( 466881.8,
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( 466901.8, 3760935.7, 269.0, 269.0, 0.0); ( 466921.8,
3760935.7, 269.0, 269.0, 0.0);
( 466941.8, 3760935.7, 269.4, 269.4, 0.0); ( 466961.8,
3760935.7, 270.0, 270.0, 0.0);

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(466981.8, 3760935.7, 270.0, 270.0, 0.0);	(467001.8,
3760935.7, 270.0, 270.0, 0.0);	
(467201.8, 3760935.7, 273.0, 592.0, 0.0);	(467221.8,
3760935.7, 273.0, 592.0, 0.0);	
(467241.8, 3760935.7, 273.0, 592.0, 0.0);	(467261.8,
3760935.7, 273.0, 592.0, 0.0);	
(467281.8, 3760935.7, 273.0, 592.0, 0.0);	(467301.8,
3760935.7, 272.2, 592.0, 0.0);	
(467321.8, 3760935.7, 271.1, 592.0, 0.0);	(467341.8,
3760935.7, 271.1, 592.0, 0.0);	
(467361.8, 3760935.7, 271.4, 592.0, 0.0);	(467381.8,
3760935.7, 272.2, 592.0, 0.0);	
(466821.8, 3760955.7, 267.4, 267.4, 0.0);	(466841.8,
3760955.7, 268.0, 268.0, 0.0);	
(466861.8, 3760955.7, 268.0, 268.0, 0.0);	(466881.8,
3760955.7, 268.4, 268.4, 0.0);	
(466901.8, 3760955.7, 269.0, 269.0, 0.0);	(466921.8,
3760955.7, 269.0, 269.0, 0.0);	
(466941.8, 3760955.7, 269.2, 269.2, 0.0);	(466961.8,
3760955.7, 269.4, 269.4, 0.0);	
(466981.8, 3760955.7, 269.8, 269.8, 0.0);	(467001.8,
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(467201.8, 3760955.7, 272.4, 592.0, 0.0);	(467221.8,
3760955.7, 272.8, 592.0, 0.0);	
(467241.8, 3760955.7, 273.0, 592.0, 0.0);	(467261.8,
3760955.7, 272.9, 592.0, 0.0);	
(467281.8, 3760955.7, 272.5, 592.0, 0.0);	(467301.8,
3760955.7, 271.8, 592.0, 0.0);	
(467321.8, 3760955.7, 271.0, 592.0, 0.0);	(467341.8,
3760955.7, 271.0, 592.0, 0.0);	
(467361.8, 3760955.7, 271.7, 592.0, 0.0);	(467381.8,
3760955.7, 272.8, 592.0, 0.0);	
(466821.8, 3760975.7, 267.3, 267.3, 0.0);	(466841.8,
3760975.7, 267.7, 267.7, 0.0);	
(466861.8, 3760975.7, 267.9, 267.9, 0.0);	(466881.8,
3760975.7, 268.3, 268.3, 0.0);	
(466901.8, 3760975.7, 268.7, 268.7, 0.0);	(466921.8,
3760975.7, 268.9, 268.9, 0.0);	
(466941.8, 3760975.7, 269.0, 269.0, 0.0);	(466961.8,
3760975.7, 269.1, 269.1, 0.0);	
(466981.8, 3760975.7, 269.8, 269.8, 0.0);	(467001.8,
3760975.7, 270.0, 270.0, 0.0);	

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

(467201.8, 3760975.7, 272.1, 592.0, 0.0);	(467221.8,
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3760975.7,	272.5,	592.0,	0.0);		
(467241.8,	3760975.7,	272.7,	592.0,	0.0);	(467261.8,
3760975.7,	272.6,	592.0,	0.0);		
(467281.8,	3760975.7,	271.9,	592.0,	0.0);	(467301.8,
3760975.7,	271.4,	592.0,	0.0);		
(467321.8,	3760975.7,	271.0,	592.0,	0.0);	(467341.8,
3760975.7,	271.0,	592.0,	0.0);		
(467361.8,	3760975.7,	271.8,	592.0,	0.0);	(467381.8,
3760975.7,	273.1,	592.0,	0.0);		
(466821.8,	3760995.7,	267.0,	267.0,	0.0);	(466841.8,
3760995.7,	267.1,	267.1,	0.0);		
(466861.8,	3760995.7,	267.8,	267.8,	0.0);	(466881.8,
3760995.7,	268.0,	268.0,	0.0);		
(466901.8,	3760995.7,	268.1,	268.1,	0.0);	(466921.8,
3760995.7,	268.8,	268.8,	0.0);		
(466941.8,	3760995.7,	269.0,	269.0,	0.0);	(466961.8,
3760995.7,	269.1,	269.1,	0.0);		
(466981.8,	3760995.7,	269.8,	269.8,	0.0);	(467001.8,
3760995.7,	270.0,	270.0,	0.0);		
(467021.8,	3760995.7,	270.0,	270.0,	0.0);	(467041.8,
3760995.7,	270.0,	270.0,	0.0);		
(467061.8,	3760995.7,	270.4,	592.0,	0.0);	(467081.8,
3760995.7,	271.0,	592.0,	0.0);		
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3760995.7,	271.0,	592.0,	0.0);		
(467141.8,	3760995.7,	271.1,	592.0,	0.0);	(467161.8,
3760995.7,	271.8,	592.0,	0.0);		
(467181.8,	3760995.7,	272.0,	592.0,	0.0);	(467201.8,
3760995.7,	272.0,	592.0,	0.0);		
(467221.8,	3760995.7,	272.0,	592.0,	0.0);	(467241.8,
3760995.7,	272.0,	592.0,	0.0);		
(467261.8,	3760995.7,	271.9,	592.0,	0.0);	(467281.8,
3760995.7,	271.3,	592.0,	0.0);		
(467301.8,	3760995.7,	271.0,	592.0,	0.0);	(467321.8,
3760995.7,	271.0,	592.0,	0.0);		
(467341.8,	3760995.7,	271.0,	592.0,	0.0);	(467361.8,
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(467381.8,	3760995.7,	273.1,	592.0,	0.0);	(466821.8,
3761015.7,	267.0,	267.0,	0.0);		
(466841.8,	3761015.7,	267.1,	267.1,	0.0);	(466861.8,
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(466881.8,	3761015.7,	268.0,	268.0,	0.0);	(466901.8,
3761015.7,	268.1,	268.1,	0.0);		
(466921.8,	3761015.7,	268.8,	268.8,	0.0);	(466941.8,
3761015.7,	269.0,	269.0,	0.0);		
(466961.8,	3761015.7,	269.0,	269.0,	0.0);	(466981.8,
3761015.7,	269.3,	269.3,	0.0);		
(467001.8,	3761015.7,	269.6,	269.6,	0.0);	(467021.8,
3761015.7,	270.0,	270.0,	0.0);		
(467041.8,	3761015.7,	270.0,	270.0,	0.0);	(467061.8,
3761015.7,	270.4,	592.0,	0.0);		
(467081.8,	3761015.7,	271.0,	592.0,	0.0);	(467101.8,
3761015.7,	271.0,	592.0,	0.0);		
(467121.8,	3761015.7,	271.0,	592.0,	0.0);	(467141.8,
3761015.7,	271.0,	592.0,	0.0);		

(467161.8, 3761015.7, 271.3, 592.0, 0.0);	(467181.8,
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(467201.8, 3761015.7, 272.0, 592.0, 0.0);	(467221.8,
3761015.7, 272.0, 592.0, 0.0);	
(467241.8, 3761015.7, 271.7, 592.0, 0.0);	(467261.8,
3761015.7, 271.3, 592.0, 0.0);	
(467281.8, 3761015.7, 271.1, 592.0, 0.0);	(467301.8,
3761015.7, 271.0, 592.0, 0.0);	
(467321.8, 3761015.7, 271.1, 592.0, 0.0);	(467341.8,
3761015.7, 271.5, 592.0, 0.0);	
(467361.8, 3761015.7, 272.2, 592.0, 0.0);	(467381.8,
3761015.7, 273.1, 592.0, 0.0);	
(466821.8, 3761035.7, 267.0, 267.0, 0.0);	(466841.8,
3761035.7, 267.1, 267.1, 0.0);	
(466861.8, 3761035.7, 267.8, 267.8, 0.0);	(466881.8,
3761035.7, 268.0, 268.0, 0.0);	
(466901.8, 3761035.7, 268.1, 268.1, 0.0);	(466921.8,
3761035.7, 268.5, 268.5, 0.0);	
(466941.8, 3761035.7, 268.8, 268.8, 0.0);	(466961.8,
3761035.7, 269.0, 269.0, 0.0);	
(466981.8, 3761035.7, 269.0, 269.0, 0.0);	(467001.8,
3761035.7, 269.3, 269.3, 0.0);	
(467021.8, 3761035.7, 269.7, 269.7, 0.0);	(467041.8,
3761035.7, 269.9, 269.9, 0.0);	
(467061.8, 3761035.7, 270.3, 592.0, 0.0);	(467081.8,
3761035.7, 270.7, 592.0, 0.0);	
(467101.8, 3761035.7, 270.9, 592.0, 0.0);	(467121.8,
3761035.7, 271.0, 592.0, 0.0);	
(467141.8, 3761035.7, 271.0, 592.0, 0.0);	(467161.8,
3761035.7, 271.0, 592.0, 0.0);	
(467181.8, 3761035.7, 271.3, 592.0, 0.0);	(467201.8,
3761035.7, 271.7, 592.0, 0.0);	
(467221.8, 3761035.7, 271.7, 592.0, 0.0);	(467241.8,
3761035.7, 271.4, 592.0, 0.0);	

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(467261.8, 3761035.7, 271.0, 592.0, 0.0);	(467281.8,
3761035.7, 271.2, 592.0, 0.0);	
(467301.8, 3761035.7, 271.2, 592.0, 0.0);	(467321.8,
3761035.7, 271.1, 592.0, 0.0);	
(467341.8, 3761035.7, 271.8, 592.0, 0.0);	(467361.8,
3761035.7, 272.4, 592.0, 0.0);	
(467381.8, 3761035.7, 273.1, 592.0, 0.0);	(466821.8,
3761055.7, 267.0, 267.0, 0.0);	
(466841.8, 3761055.7, 267.1, 267.1, 0.0);	(466861.8,

3761055.7,	267.8,	267.8,	0.0);		
(466881.8,	3761055.7,	268.0,	268.0,	0.0);	(466901.8,
3761055.7,	268.0,	268.0,	0.0);		
(466921.8,	3761055.7,	268.0,	268.0,	0.0);	(466941.8,
3761055.7,	268.4,	268.4,	0.0);		
(466961.8,	3761055.7,	269.0,	269.0,	0.0);	(466981.8,
3761055.7,	269.0,	269.0,	0.0);		
(467001.8,	3761055.7,	269.0,	269.0,	0.0);	(467021.8,
3761055.7,	269.1,	269.1,	0.0);		
(467041.8,	3761055.7,	269.8,	592.0,	0.0);	(467061.8,
3761055.7,	270.0,	592.0,	0.0);		
(467081.8,	3761055.7,	270.1,	592.0,	0.0);	(467101.8,
3761055.7,	270.8,	592.0,	0.0);		
(467121.8,	3761055.7,	271.0,	592.0,	0.0);	(467141.8,
3761055.7,	271.0,	592.0,	0.0);		
(467161.8,	3761055.7,	271.0,	592.0,	0.0);	(467181.8,
3761055.7,	271.0,	592.0,	0.0);		
(467201.8,	3761055.7,	271.0,	592.0,	0.0);	(467221.8,
3761055.7,	271.0,	592.0,	0.0);		
(467241.8,	3761055.7,	271.0,	592.0,	0.0);	(467261.8,
3761055.7,	271.1,	592.0,	0.0);		
(467281.8,	3761055.7,	271.7,	592.0,	0.0);	(467301.8,
3761055.7,	271.6,	592.0,	0.0);		
(467321.8,	3761055.7,	271.1,	592.0,	0.0);	(467341.8,
3761055.7,	271.8,	592.0,	0.0);		
(467361.8,	3761055.7,	272.4,	592.0,	0.0);	(467381.8,
3761055.7,	273.0,	592.0,	0.0);		
(466821.8,	3761075.7,	267.0,	267.0,	0.0);	(466841.8,
3761075.7,	267.0,	267.0,	0.0);		
(466861.8,	3761075.7,	267.3,	267.3,	0.0);	(466881.8,
3761075.7,	267.6,	267.6,	0.0);		
(466901.8,	3761075.7,	268.0,	268.0,	0.0);	(466921.8,
3761075.7,	268.0,	268.0,	0.0);		
(466941.8,	3761075.7,	268.2,	268.2,	0.0);	(466961.8,
3761075.7,	268.4,	268.4,	0.0);		
(466981.8,	3761075.7,	268.8,	268.8,	0.0);	(467001.8,
3761075.7,	269.0,	269.0,	0.0);		
(467021.8,	3761075.7,	269.0,	269.0,	0.0);	(467041.8,
3761075.7,	269.3,	592.0,	0.0);		
(467061.8,	3761075.7,	269.6,	592.0,	0.0);	(467081.8,
3761075.7,	270.0,	592.0,	0.0);		
(467101.8,	3761075.7,	270.3,	592.0,	0.0);	(467121.8,
3761075.7,	270.6,	592.0,	0.0);		
(467141.8,	3761075.7,	271.0,	592.0,	0.0);	(467161.8,
3761075.7,	271.0,	592.0,	0.0);		
(467181.8,	3761075.7,	271.0,	592.0,	0.0);	(467201.8,
3761075.7,	271.0,	592.0,	0.0);		
(467221.8,	3761075.7,	271.0,	592.0,	0.0);	(467241.8,
3761075.7,	270.7,	592.0,	0.0);		
(467261.8,	3761075.7,	270.4,	592.0,	0.0);	(467281.8,
3761075.7,	271.1,	592.0,	0.0);		
(467301.8,	3761075.7,	271.2,	592.0,	0.0);	(467321.8,
3761075.7,	271.1,	592.0,	0.0);		
(467341.8,	3761075.7,	271.8,	592.0,	0.0);	(467361.8,
3761075.7,	272.2,	592.0,	0.0);		

(467381.8, 3761075.7, 272.4, 592.0, 0.0);	(466821.8,
3761095.7, 267.0, 267.0, 0.0);	
(466841.8, 3761095.7, 267.0, 267.0, 0.0);	(466861.8,
3761095.7, 267.0, 267.0, 0.0);	
(466881.8, 3761095.7, 267.4, 267.4, 0.0);	(466901.8,
3761095.7, 268.0, 268.0, 0.0);	
(466921.8, 3761095.7, 268.0, 268.0, 0.0);	(466941.8,
3761095.7, 268.0, 268.0, 0.0);	
(466961.8, 3761095.7, 268.1, 268.1, 0.0);	(466981.8,
3761095.7, 268.8, 268.8, 0.0);	
(467001.8, 3761095.7, 269.0, 269.0, 0.0);	(467021.8,
3761095.7, 269.0, 269.0, 0.0);	
(467041.8, 3761095.7, 269.0, 592.0, 0.0);	(467061.8,
3761095.7, 269.4, 592.0, 0.0);	
(467081.8, 3761095.7, 270.0, 592.0, 0.0);	(467101.8,
3761095.7, 270.0, 592.0, 0.0);	
(467121.8, 3761095.7, 270.3, 592.0, 0.0);	(467141.8,
3761095.7, 270.7, 592.0, 0.0);	
(467161.8, 3761095.7, 270.7, 592.0, 0.0);	(467181.8,
3761095.7, 270.7, 592.0, 0.0);	
(467201.8, 3761095.7, 270.7, 592.0, 0.0);	(467221.8,
3761095.7, 270.7, 592.0, 0.0);	
(467241.8, 3761095.7, 270.4, 592.0, 0.0);	(467261.8,
3761095.7, 270.1, 592.0, 0.0);	
(467281.8, 3761095.7, 270.5, 592.0, 0.0);	(467301.8,
3761095.7, 270.8, 592.0, 0.0);	

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(467321.8, 3761095.7, 271.1, 592.0, 0.0);	(467341.8,
3761095.7, 271.5, 592.0, 0.0);	
(467361.8, 3761095.7, 271.8, 592.0, 0.0);	(467381.8,
3761095.7, 272.1, 592.0, 0.0);	
(466821.8, 3761115.7, 267.0, 267.0, 0.0);	(466841.8,
3761115.7, 267.0, 267.0, 0.0);	
(466861.8, 3761115.7, 267.0, 267.0, 0.0);	(466881.8,
3761115.7, 267.4, 267.4, 0.0);	
(466901.8, 3761115.7, 268.0, 268.0, 0.0);	(466921.8,
3761115.7, 268.0, 268.0, 0.0);	
(466941.8, 3761115.7, 268.0, 268.0, 0.0);	(466961.8,
3761115.7, 268.1, 268.1, 0.0);	
(466981.8, 3761115.7, 268.8, 268.8, 0.0);	(467001.8,
3761115.7, 269.0, 269.0, 0.0);	
(467021.8, 3761115.7, 269.0, 269.0, 0.0);	(467041.8,
3761115.7, 269.0, 592.0, 0.0);	
(467061.8, 3761115.7, 269.4, 592.0, 0.0);	(467081.8,

3761115.7,	270.0,	592.0,	0.0);		
(467101.8,	3761115.7,	270.0,	592.0,	0.0);	(467121.8,
3761115.7,	270.0,	592.0,	0.0);		
(467141.8,	3761115.7,	270.0,	592.0,	0.0);	(467161.8,
3761115.7,	270.0,	592.0,	0.0);		
(467181.8,	3761115.7,	270.0,	592.0,	0.0);	(467201.8,
3761115.7,	270.0,	592.0,	0.0);		
(467221.8,	3761115.7,	270.0,	592.0,	0.0);	(467241.8,
3761115.7,	270.0,	592.0,	0.0);		
(467261.8,	3761115.7,	270.0,	592.0,	0.0);	(467281.8,
3761115.7,	270.0,	592.0,	0.0);		
(467301.8,	3761115.7,	270.4,	592.0,	0.0);	(467321.8,
3761115.7,	271.0,	592.0,	0.0);		
(467341.8,	3761115.7,	271.0,	592.0,	0.0);	(467361.8,
3761115.7,	271.4,	592.0,	0.0);		
(467381.8,	3761115.7,	272.0,	592.0,	0.0);	(466821.8,
3761135.7,	266.6,	266.6,	0.0);		
(466841.8,	3761135.7,	267.0,	267.0,	0.0);	(466861.8,
3761135.7,	267.0,	267.0,	0.0);		
(466881.8,	3761135.7,	267.4,	267.4,	0.0);	(466901.8,
3761135.7,	268.0,	268.0,	0.0);		
(466921.8,	3761135.7,	268.0,	268.0,	0.0);	(466941.8,
3761135.7,	268.0,	268.0,	0.0);		
(466961.8,	3761135.7,	268.1,	268.1,	0.0);	(466981.8,
3761135.7,	268.8,	268.8,	0.0);		
(467001.8,	3761135.7,	269.0,	269.0,	0.0);	(467021.8,
3761135.7,	269.0,	592.0,	0.0);		
(467041.8,	3761135.7,	269.0,	592.0,	0.0);	(467061.8,
3761135.7,	269.2,	592.0,	0.0);		
(467081.8,	3761135.7,	269.4,	592.0,	0.0);	(467101.8,
3761135.7,	269.8,	592.0,	0.0);		
(467121.8,	3761135.7,	270.0,	592.0,	0.0);	(467141.8,
3761135.7,	270.0,	592.0,	0.0);		
(467161.8,	3761135.7,	270.0,	592.0,	0.0);	(467181.8,
3761135.7,	270.0,	592.0,	0.0);		
(467201.8,	3761135.7,	269.9,	592.0,	0.0);	(467221.8,
3761135.7,	269.5,	592.0,	0.0);		
(467241.8,	3761135.7,	269.1,	592.0,	0.0);	(467261.8,
3761135.7,	268.8,	592.0,	0.0);		
(467281.8,	3761135.7,	269.2,	592.0,	0.0);	(467301.8,
3761135.7,	269.8,	592.0,	0.0);		
(467321.8,	3761135.7,	270.4,	592.0,	0.0);	(467341.8,
3761135.7,	270.8,	592.0,	0.0);		
(467361.8,	3761135.7,	271.4,	592.0,	0.0);	(467381.8,
3761135.7,	272.1,	592.0,	0.0);		
(466821.8,	3761155.7,	266.6,	266.6,	0.0);	(466841.8,
3761155.7,	267.0,	267.0,	0.0);		
(466861.8,	3761155.7,	267.2,	267.2,	0.0);	(466881.8,
3761155.7,	267.6,	267.6,	0.0);		
(466901.8,	3761155.7,	268.0,	268.0,	0.0);	(466921.8,
3761155.7,	268.0,	268.0,	0.0);		
(466941.8,	3761155.7,	268.0,	268.0,	0.0);	(466961.8,
3761155.7,	268.1,	268.1,	0.0);		
(466981.8,	3761155.7,	268.5,	268.5,	0.0);	(467001.8,
3761155.7,	268.8,	268.8,	0.0);		

(467021.8, 3761155.7, 269.0, 592.0, 0.0);	(467041.8,
3761155.7, 269.0, 592.0, 0.0);	
(467061.8, 3761155.7, 269.0, 592.0, 0.0);	(467081.8,
3761155.7, 269.1, 592.0, 0.0);	
(467101.8, 3761155.7, 269.5, 592.0, 0.0);	(467121.8,
3761155.7, 269.7, 592.0, 0.0);	
(467141.8, 3761155.7, 269.7, 592.0, 0.0);	(467161.8,
3761155.7, 269.7, 592.0, 0.0);	
(467181.8, 3761155.7, 269.7, 592.0, 0.0);	(467201.8,
3761155.7, 269.6, 592.0, 0.0);	
(467221.8, 3761155.7, 268.9, 592.0, 0.0);	(467241.8,
3761155.7, 268.4, 592.0, 0.0);	
(467261.8, 3761155.7, 268.1, 592.0, 0.0);	(467281.8,
3761155.7, 268.8, 592.0, 0.0);	
(467301.8, 3761155.7, 269.4, 592.0, 0.0);	(467321.8,
3761155.7, 270.1, 592.0, 0.0);	
(467341.8, 3761155.7, 270.7, 592.0, 0.0);	(467361.8,
3761155.7, 271.4, 592.0, 0.0);	

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

(467381.8, 3761155.7, 272.1, 592.0, 0.0);	(466821.8,
3761175.7, 267.0, 267.0, 0.0);	
(466841.8, 3761175.7, 267.1, 267.1, 0.0);	(466861.8,
3761175.7, 267.7, 267.7, 0.0);	
(466881.8, 3761175.7, 268.0, 268.0, 0.0);	(466901.8,
3761175.7, 268.0, 268.0, 0.0);	
(466921.8, 3761175.7, 268.0, 268.0, 0.0);	(466941.8,
3761175.7, 268.0, 268.0, 0.0);	
(466961.8, 3761175.7, 268.0, 268.0, 0.0);	(466981.8,
3761175.7, 268.0, 268.0, 0.0);	
(467001.8, 3761175.7, 268.4, 268.4, 0.0);	(467021.8,
3761175.7, 269.0, 592.0, 0.0);	
(467041.8, 3761175.7, 269.0, 592.0, 0.0);	(467061.8,
3761175.7, 269.0, 592.0, 0.0);	
(467081.8, 3761175.7, 269.0, 592.0, 0.0);	(467101.8,
3761175.7, 269.0, 592.0, 0.0);	
(467121.8, 3761175.7, 269.0, 592.0, 0.0);	(467141.8,
3761175.7, 269.0, 592.0, 0.0);	
(467161.8, 3761175.7, 269.0, 592.0, 0.0);	(467181.8,
3761175.7, 269.0, 592.0, 0.0);	
(467201.8, 3761175.7, 268.9, 592.0, 0.0);	(467221.8,
3761175.7, 268.3, 592.0, 0.0);	
(467241.8, 3761175.7, 268.0, 592.0, 0.0);	(467261.8,
3761175.7, 268.1, 592.0, 0.0);	
(467281.8, 3761175.7, 268.8, 592.0, 0.0);	(467301.8,

3761175.7,	269.4,	592.0,	0.0);		
(467321.8,	3761175.7,	270.1,	592.0,	0.0);	(467341.8,
3761175.7,	270.7,	592.0,	0.0);		
(467361.8,	3761175.7,	271.4,	592.0,	0.0);	(467381.8,
3761175.7,	272.2,	592.0,	0.0);		
(466771.8,	3760235.7,	273.0,	273.0,	0.0);	(466821.8,
3760235.7,	273.4,	273.4,	0.0);		
(466871.8,	3760235.7,	274.0,	274.0,	0.0);	(466921.8,
3760235.7,	274.0,	274.0,	0.0);		
(466971.8,	3760235.7,	274.2,	274.2,	0.0);	(467021.8,
3760235.7,	275.1,	275.1,	0.0);		
(467071.8,	3760235.7,	276.0,	276.0,	0.0);	(467121.8,
3760235.7,	277.0,	277.0,	0.0);		
(467171.8,	3760235.7,	278.0,	278.0,	0.0);	(467221.8,
3760235.7,	278.8,	278.8,	0.0);		
(467271.8,	3760235.7,	279.6,	914.0,	0.0);	(467321.8,
3760235.7,	281.0,	914.0,	0.0);		
(467371.8,	3760235.7,	281.0,	914.0,	0.0);	(467421.8,
3760235.7,	282.0,	914.0,	0.0);		
(467471.8,	3760235.7,	283.0,	914.0,	0.0);	(467521.8,
3760235.7,	283.8,	914.0,	0.0);		
(467571.8,	3760235.7,	284.2,	914.0,	0.0);	(467621.8,
3760235.7,	285.0,	914.0,	0.0);		
(467671.8,	3760235.7,	285.7,	914.0,	0.0);	(466771.8,
3760285.7,	272.5,	272.5,	0.0);		
(466821.8,	3760285.7,	273.0,	273.0,	0.0);	(466871.8,
3760285.7,	273.7,	273.7,	0.0);		
(466921.8,	3760285.7,	273.7,	273.7,	0.0);	(466971.8,
3760285.7,	274.0,	274.0,	0.0);		
(467021.8,	3760285.7,	275.0,	275.0,	0.0);	(467071.8,
3760285.7,	275.8,	275.8,	0.0);		
(467121.8,	3760285.7,	276.4,	276.4,	0.0);	(467171.8,
3760285.7,	277.1,	277.1,	0.0);		
(467221.8,	3760285.7,	278.5,	278.5,	0.0);	(467271.8,
3760285.7,	279.4,	914.0,	0.0);		
(467321.8,	3760285.7,	280.1,	914.0,	0.0);	(467371.8,
3760285.7,	281.0,	914.0,	0.0);		
(467421.8,	3760285.7,	281.8,	914.0,	0.0);	(467471.8,
3760285.7,	282.7,	914.0,	0.0);		
(467521.8,	3760285.7,	283.0,	914.0,	0.0);	(467571.8,
3760285.7,	283.8,	914.0,	0.0);		
(467621.8,	3760285.7,	284.7,	914.0,	0.0);	(467671.8,
3760285.7,	285.0,	914.0,	0.0);		
(466771.8,	3760335.7,	272.0,	272.0,	0.0);	(466821.8,
3760335.7,	272.0,	272.0,	0.0);		
(466871.8,	3760335.7,	273.0,	273.0,	0.0);	(466921.8,
3760335.7,	273.0,	273.0,	0.0);		
(466971.8,	3760335.7,	274.0,	274.0,	0.0);	(467021.8,
3760335.7,	275.0,	275.0,	0.0);		
(467071.8,	3760335.7,	275.8,	275.8,	0.0);	(467121.8,
3760335.7,	276.4,	276.4,	0.0);		
(467171.8,	3760335.7,	277.1,	277.1,	0.0);	(467221.8,
3760335.7,	278.0,	278.0,	0.0);		
(467271.8,	3760335.7,	279.0,	914.0,	0.0);	(467321.8,
3760335.7,	280.0,	914.0,	0.0);		

(467371.8, 3760335.7,	280.8,	914.0,	0.0);	(467421.8,
3760335.7,	281.4,	914.0,	0.0);	
(467471.8, 3760335.7,	282.0,	914.0,	0.0);	(467521.8,
3760335.7,	282.8,	914.0,	0.0);	
(467571.8, 3760335.7,	283.4,	914.0,	0.0);	(467621.8,
3760335.7,	284.0,	914.0,	0.0);	
(467671.8, 3760335.7,	284.8,	914.0,	0.0);	(466771.8,
3760385.7,	272.0,	272.0,	0.0);	
(466821.8, 3760385.7,	271.7,	271.7,	0.0);	(466871.8,
3760385.7,	271.4,	271.4,	0.0);	

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***					
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)					
(METERS)					
(466921.8, 3760385.7,	273.0,	273.0,	0.0);	(466971.8,	
3760385.7,	274.0,	274.0,	0.0);		
(467021.8, 3760385.7,	275.0,	275.0,	0.0);	(467071.8,	
3760385.7,	275.3,	275.3,	0.0);		
(467121.8, 3760385.7,	276.2,	276.2,	0.0);	(467171.8,	
3760385.7,	277.0,	277.0,	0.0);		
(467221.8, 3760385.7,	277.8,	277.8,	0.0);	(467271.8,	
3760385.7,	278.6,	914.0,	0.0);		
(467321.8, 3760385.7,	279.4,	914.0,	0.0);	(467371.8,	
3760385.7,	280.3,	914.0,	0.0);		
(467421.8, 3760385.7,	281.0,	914.0,	0.0);	(467471.8,	
3760385.7,	282.0,	914.0,	0.0);		
(467521.8, 3760385.7,	282.3,	914.0,	0.0);	(467571.8,	
3760385.7,	283.0,	914.0,	0.0);		
(467621.8, 3760385.7,	284.0,	914.0,	0.0);	(467671.8,	
3760385.7,	284.3,	914.0,	0.0);		
(466771.8, 3760435.7,	270.9,	270.9,	0.0);	(466821.8,	
3760435.7,	271.0,	271.0,	0.0);		
(466871.8, 3760435.7,	271.4,	271.4,	0.0);	(466921.8,	
3760435.7,	272.8,	272.8,	0.0);		
(466971.8, 3760435.7,	273.4,	273.4,	0.0);	(467021.8,	
3760435.7,	274.1,	274.1,	0.0);		
(467071.8, 3760435.7,	274.9,	274.9,	0.0);	(467121.8,	
3760435.7,	275.8,	275.8,	0.0);		
(467171.8, 3760435.7,	277.0,	277.0,	0.0);	(467221.8,	
3760435.7,	277.8,	277.8,	0.0);		
(467271.8, 3760435.7,	278.3,	278.3,	0.0);	(467321.8,	
3760435.7,	279.1,	914.0,	0.0);		
(467371.8, 3760435.7,	279.9,	914.0,	0.0);	(467421.8,	
3760435.7,	280.4,	914.0,	0.0);		
(467471.8, 3760435.7,	281.1,	914.0,	0.0);	(467521.8,	
3760435.7,	281.9,	914.0,	0.0);		
(467571.8, 3760435.7,	282.8,	914.0,	0.0);	(467621.8,	

3760435.7,	283.1,	914.0,	0.0);		
(467671.8,	3760435.7,	283.9,	914.0,	0.0);	(466771.8,
3760485.7,	271.0,	271.0,	0.0);		
(466821.8,	3760485.7,	272.0,	272.0,	0.0);	(466871.8,
3760485.7,	272.0,	272.0,	0.0);		
(466921.8,	3760485.7,	272.8,	272.8,	0.0);	(466971.8,
3760485.7,	273.4,	273.4,	0.0);		
(467021.8,	3760485.7,	274.0,	274.0,	0.0);	(467071.8,
3760485.7,	274.8,	274.8,	0.0);		
(467121.8,	3760485.7,	275.4,	275.4,	0.0);	(467171.8,
3760485.7,	276.1,	276.1,	0.0);		
(467221.8,	3760485.7,	277.0,	277.0,	0.0);	(467271.8,
3760485.7,	278.0,	592.0,	0.0);		
(467321.8,	3760485.7,	279.0,	914.0,	0.0);	(467371.8,
3760485.7,	279.8,	914.0,	0.0);		
(467421.8,	3760485.7,	280.0,	914.0,	0.0);	(467471.8,
3760485.7,	281.0,	914.0,	0.0);		
(467521.8,	3760485.7,	281.8,	914.0,	0.0);	(467571.8,
3760485.7,	282.0,	914.0,	0.0);		
(467621.8,	3760485.7,	283.0,	914.0,	0.0);	(467671.8,
3760485.7,	283.7,	914.0,	0.0);		
(466771.8,	3760535.7,	271.8,	271.8,	0.0);	(467421.8,
3760535.7,	279.6,	914.0,	0.0);		
(467471.8,	3760535.7,	280.4,	914.0,	0.0);	(467521.8,
3760535.7,	281.0,	914.0,	0.0);		
(467571.8,	3760535.7,	281.6,	914.0,	0.0);	(467621.8,
3760535.7,	282.0,	914.0,	0.0);		
(467671.8,	3760535.7,	282.8,	914.0,	0.0);	(466771.8,
3760585.7,	270.9,	270.9,	0.0);		
(467421.8,	3760585.7,	279.0,	914.0,	0.0);	(467471.8,
3760585.7,	279.7,	914.0,	0.0);		
(467521.8,	3760585.7,	280.5,	914.0,	0.0);	(467571.8,
3760585.7,	281.0,	914.0,	0.0);		
(467621.8,	3760585.7,	281.7,	914.0,	0.0);	(467671.8,
3760585.7,	281.7,	914.0,	0.0);		
(466771.8,	3760635.7,	270.0,	270.0,	0.0);	(467421.8,
3760635.7,	278.0,	914.0,	0.0);		
(467471.8,	3760635.7,	278.1,	914.0,	0.0);	(467521.8,
3760635.7,	279.0,	914.0,	0.0);		
(467571.8,	3760635.7,	280.4,	914.0,	0.0);	(467621.8,
3760635.7,	281.0,	914.0,	0.0);		
(467671.8,	3760635.7,	281.0,	914.0,	0.0);	(466771.8,
3760685.7,	269.4,	269.4,	0.0);		
(467421.8,	3760685.7,	277.2,	914.0,	0.0);	(467471.8,
3760685.7,	277.4,	914.0,	0.0);		
(467521.8,	3760685.7,	277.8,	914.0,	0.0);	(467571.8,
3760685.7,	278.8,	914.0,	0.0);		
(467621.8,	3760685.7,	279.4,	914.0,	0.0);	(467671.8,
3760685.7,	279.8,	914.0,	0.0);		
(466771.8,	3760735.7,	268.9,	268.9,	0.0);	(467421.8,
3760735.7,	275.7,	914.0,	0.0);		
(467471.8,	3760735.7,	275.8,	914.0,	0.0);	(467521.8,
3760735.7,	276.9,	914.0,	0.0);		
(467571.8,	3760735.7,	277.7,	914.0,	0.0);	(467621.8,
3760735.7,	278.1,	914.0,	0.0);		

(467671.8, 3760735.7, 279.7, 914.0, 0.0);	(466771.8, 3760785.7, 268.0, 268.0, 0.0);
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

(467421.8, 3760785.7, 274.0, 914.0, 0.0);	(467471.8, 3760785.7, 275.1, 914.0, 0.0);
(467521.8, 3760785.7, 276.0, 914.0, 0.0);	(467571.8, 3760785.7, 277.0, 914.0, 0.0);
(467621.8, 3760785.7, 278.1, 914.0, 0.0);	(467671.8, 3760785.7, 279.7, 914.0, 0.0);
(466771.8, 3760835.7, 267.8, 267.8, 0.0);	(467421.8, 3760835.7, 274.3, 914.0, 0.0);
(467471.8, 3760835.7, 275.1, 914.0, 0.0);	(467521.8, 3760835.7, 276.5, 914.0, 0.0);
(467571.8, 3760835.7, 277.3, 914.0, 0.0);	(467621.8, 3760835.7, 278.1, 914.0, 0.0);
(467671.8, 3760835.7, 279.3, 914.0, 0.0);	(466771.8, 3760885.7, 267.0, 267.0, 0.0);
(467421.8, 3760885.7, 275.0, 914.0, 0.0);	(467471.8, 3760885.7, 276.0, 914.0, 0.0);
(467521.8, 3760885.7, 276.7, 914.0, 0.0);	(467571.8, 3760885.7, 277.4, 914.0, 0.0);
(467621.8, 3760885.7, 278.0, 914.0, 0.0);	(467671.8, 3760885.7, 278.5, 914.0, 0.0);
(466771.8, 3760935.7, 266.8, 266.8, 0.0);	(467421.8, 3760935.7, 275.0, 592.0, 0.0);
(467471.8, 3760935.7, 276.0, 914.0, 0.0);	(467521.8, 3760935.7, 276.0, 914.0, 0.0);
(467571.8, 3760935.7, 277.0, 914.0, 0.0);	(467621.8, 3760935.7, 278.0, 914.0, 0.0);
(467671.8, 3760935.7, 278.0, 914.0, 0.0);	(466771.8, 3760985.7, 266.0, 266.0, 0.0);
(467421.8, 3760985.7, 274.6, 592.0, 0.0);	(467471.8, 3760985.7, 275.0, 914.0, 0.0);
(467521.8, 3760985.7, 275.8, 914.0, 0.0);	(467571.8, 3760985.7, 277.0, 914.0, 0.0);
(467621.8, 3760985.7, 277.6, 914.0, 0.0);	(467671.8, 3760985.7, 277.4, 914.0, 0.0);
(466771.8, 3761035.7, 266.8, 266.8, 0.0);	(467421.8, 3761035.7, 273.8, 592.0, 0.0);
(467471.8, 3761035.7, 274.7, 592.0, 0.0);	(467521.8, 3761035.7, 275.5, 914.0, 0.0);
(467571.8, 3761035.7, 277.5, 914.0, 0.0);	(467621.8, 3761035.7, 279.3, 914.0, 0.0);
(467671.8, 3761035.7, 280.5, 914.0, 0.0);	(466771.8, 3761035.7, 280.5, 914.0, 0.0);

3761085.7,	265.8,	265.8,	0.0);		
(467421.8,	3761085.7,	273.4,	592.0,	0.0);	(467471.8,
3761085.7,	274.1,	592.0,	0.0);		
(467521.8,	3761085.7,	275.0,	914.0,	0.0);	(467571.8,
3761085.7,	278.8,	914.0,	0.0);		
(467621.8,	3761085.7,	281.1,	914.0,	0.0);	(467671.8,
3761085.7,	281.3,	914.0,	0.0);		
(466771.8,	3761135.7,	265.9,	265.9,	0.0);	(467421.8,
3761135.7,	273.4,	592.0,	0.0);		
(467471.8,	3761135.7,	275.2,	592.0,	0.0);	(467521.8,
3761135.7,	278.6,	592.0,	0.0);		
(467571.8,	3761135.7,	280.4,	592.0,	0.0);	(467621.8,
3761135.7,	279.6,	914.0,	0.0);		
(467671.8,	3761135.7,	277.8,	914.0,	0.0);	(466771.8,
3761185.7,	267.2,	267.2,	0.0);		
(466821.8,	3761185.7,	267.3,	267.3,	0.0);	(466871.8,
3761185.7,	267.7,	267.7,	0.0);		
(466921.8,	3761185.7,	268.0,	268.0,	0.0);	(466971.8,
3761185.7,	268.1,	268.1,	0.0);		
(467021.8,	3761185.7,	269.0,	592.0,	0.0);	(467071.8,
3761185.7,	269.0,	592.0,	0.0);		
(467121.8,	3761185.7,	269.0,	592.0,	0.0);	(467171.8,
3761185.7,	269.0,	592.0,	0.0);		
(467221.8,	3761185.7,	268.2,	592.0,	0.0);	(467271.8,
3761185.7,	268.4,	592.0,	0.0);		
(467321.8,	3761185.7,	270.7,	592.0,	0.0);	(467371.8,
3761185.7,	272.4,	592.0,	0.0);		
(467421.8,	3761185.7,	275.6,	592.0,	0.0);	(467471.8,
3761185.7,	279.4,	592.0,	0.0);		
(467521.8,	3761185.7,	280.9,	592.0,	0.0);	(467571.8,
3761185.7,	277.0,	914.0,	0.0);		
(467621.8,	3761185.7,	274.1,	914.0,	0.0);	(467671.8,
3761185.7,	274.9,	914.0,	0.0);		
(466771.8,	3761235.7,	267.8,	267.8,	0.0);	(466821.8,
3761235.7,	268.0,	268.0,	0.0);		
(466871.8,	3761235.7,	267.1,	267.1,	0.0);	(466921.8,
3761235.7,	268.0,	268.0,	0.0);		
(466971.8,	3761235.7,	268.4,	268.4,	0.0);	(467021.8,
3761235.7,	269.0,	592.0,	0.0);		
(467071.8,	3761235.7,	269.0,	592.0,	0.0);	(467121.8,
3761235.7,	269.0,	592.0,	0.0);		
(467171.8,	3761235.7,	268.9,	592.0,	0.0);	(467221.8,
3761235.7,	268.0,	592.0,	0.0);		
(467271.8,	3761235.7,	269.2,	592.0,	0.0);	(467321.8,
3761235.7,	273.1,	592.0,	0.0);		
(467371.8,	3761235.7,	276.9,	592.0,	0.0);	(467421.8,
3761235.7,	280.9,	592.0,	0.0);		
(467471.8,	3761235.7,	280.6,	592.0,	0.0);	(467521.8,
3761235.7,	273.7,	592.0,	0.0);		

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*** AERMET - VERSION 22112 *** *** Period Average DPM Project Operations

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

( 467571.8, 3761235.7, 273.0, 914.0, 0.0); ( 467621.8,
3761235.7, 273.1, 914.0, 0.0);
( 467671.8, 3761235.7, 274.0, 914.0, 0.0); ( 467771.8,
3761285.7, 267.1, 267.1, 0.0);
( 466821.8, 3761285.7, 267.4, 267.4, 0.0); ( 466871.8,
3761285.7, 267.0, 267.0, 0.0);
( 466921.8, 3761285.7, 267.3, 267.3, 0.0); ( 466971.8,
3761285.7, 268.0, 268.0, 0.0);
( 467021.8, 3761285.7, 268.0, 592.0, 0.0); ( 467071.8,
3761285.7, 268.0, 592.0, 0.0);
( 467121.8, 3761285.7, 268.0, 592.0, 0.0); ( 467171.8,
3761285.7, 268.4, 592.0, 0.0);
( 467221.8, 3761285.7, 270.4, 592.0, 0.0); ( 467271.8,
3761285.7, 273.4, 592.0, 0.0);
( 467321.8, 3761285.7, 275.0, 592.0, 0.0); ( 467371.8,
3761285.7, 276.2, 592.0, 0.0);
( 467421.8, 3761285.7, 277.6, 592.0, 0.0); ( 467471.8,
3761285.7, 277.2, 592.0, 0.0);
( 467521.8, 3761285.7, 272.7, 592.0, 0.0); ( 467571.8,
3761285.7, 272.4, 914.0, 0.0);
( 467621.8, 3761285.7, 272.4, 914.0, 0.0); ( 467671.8,
3761285.7, 273.4, 914.0, 0.0);
( 467721.8, 3760235.7, 286.2, 914.0, 0.0); ( 467821.8,
3760235.7, 287.8, 914.0, 0.0);
( 467921.8, 3760235.7, 289.4, 914.0, 0.0); ( 468021.8,
3760235.7, 291.2, 921.0, 0.0);
( 468121.8, 3760235.7, 292.8, 939.0, 0.0); ( 468221.8,
3760235.7, 290.6, 939.0, 0.0);
( 467721.8, 3760335.7, 285.4, 914.0, 0.0); ( 467821.8,
3760335.7, 287.0, 914.0, 0.0);
( 467921.8, 3760335.7, 289.0, 914.0, 0.0); ( 468021.8,
3760335.7, 290.0, 914.0, 0.0);
( 468121.8, 3760335.7, 290.3, 939.0, 0.0); ( 468221.8,
3760335.7, 289.2, 939.0, 0.0);
( 467721.8, 3760435.7, 284.8, 914.0, 0.0); ( 467821.8,
3760435.7, 285.9, 914.0, 0.0);
( 467921.8, 3760435.7, 287.0, 914.0, 0.0); ( 468021.8,
3760435.7, 287.7, 914.0, 0.0);
( 468121.8, 3760435.7, 286.0, 939.0, 0.0); ( 468221.8,
3760435.7, 288.8, 939.0, 0.0);
( 467721.8, 3760535.7, 283.2, 914.0, 0.0); ( 467821.8,
3760535.7, 283.4, 914.0, 0.0);
( 467921.8, 3760535.7, 283.2, 914.0, 0.0); ( 468021.8,
3760535.7, 286.6, 914.0, 0.0);
( 468121.8, 3760535.7, 287.0, 939.0, 0.0); ( 468221.8,
3760535.7, 289.1, 939.0, 0.0);
( 467721.8, 3760635.7, 280.0, 914.0, 0.0); ( 467821.8,
3760635.7, 282.5, 914.0, 0.0);

```

(467921.8, 3760635.7, 286.1, 914.0, 0.0);	(468021.8,
3760635.7, 287.0, 914.0, 0.0);	
(468121.8, 3760635.7, 288.0, 914.0, 0.0);	(468221.8,
3760635.7, 288.1, 939.0, 0.0);	
(467721.8, 3760735.7, 281.4, 914.0, 0.0);	(467821.8,
3760735.7, 283.9, 914.0, 0.0);	
(467921.8, 3760735.7, 286.0, 914.0, 0.0);	(468021.8,
3760735.7, 286.4, 914.0, 0.0);	
(468121.8, 3760735.7, 286.0, 914.0, 0.0);	(468221.8,
3760735.7, 287.0, 939.0, 0.0);	
(467721.8, 3760835.7, 280.2, 914.0, 0.0);	(467821.8,
3760835.7, 282.1, 914.0, 0.0);	
(467921.8, 3760835.7, 286.9, 914.0, 0.0);	(468021.8,
3760835.7, 284.0, 914.0, 0.0);	
(468121.8, 3760835.7, 284.8, 914.0, 0.0);	(468221.8,
3760835.7, 286.0, 924.0, 0.0);	
(467721.8, 3760935.7, 279.4, 914.0, 0.0);	(467821.8,
3760935.7, 280.0, 914.0, 0.0);	
(467921.8, 3760935.7, 281.2, 914.0, 0.0);	(468021.8,
3760935.7, 282.4, 914.0, 0.0);	
(468121.8, 3760935.7, 284.0, 914.0, 0.0);	(468221.8,
3760935.7, 285.0, 914.0, 0.0);	
(467721.8, 3761035.7, 288.0, 914.0, 0.0);	(467821.8,
3761035.7, 279.2, 914.0, 0.0);	
(467921.8, 3761035.7, 280.0, 914.0, 0.0);	(468021.8,
3761035.7, 281.0, 914.0, 0.0);	
(468121.8, 3761035.7, 282.7, 914.0, 0.0);	(468221.8,
3761035.7, 284.1, 914.0, 0.0);	
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3761135.7, 278.0, 914.0, 0.0);	
(467921.8, 3761135.7, 279.0, 914.0, 0.0);	(468021.8,
3761135.7, 280.0, 914.0, 0.0);	
(468121.8, 3761135.7, 281.7, 914.0, 0.0);	(468221.8,
3761135.7, 283.0, 914.0, 0.0);	
(467721.8, 3761235.7, 274.4, 914.0, 0.0);	(467821.8,
3761235.7, 276.0, 914.0, 0.0);	
(467921.8, 3761235.7, 278.0, 914.0, 0.0);	(468021.8,
3761235.7, 279.0, 914.0, 0.0);	
(468121.8, 3761235.7, 280.7, 914.0, 0.0);	(468221.8,
3761235.7, 282.1, 914.0, 0.0);	
(467299.5, 3761159.7, 269.3, 592.0, 0.0);	(467829.6,
3760661.5, 283.0, 914.0, 0.0);	

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*** AERMET - VERSION 22112 *** *** Period Average DPM Project Operations

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(467826.4, 3760642.4, 282.8, 914.0, 0.0);	(467826.8,
--	-------------

3760623.3,	282.4,	914.0,	0.0);	
(467867.2,	3760685.2,	284.3,	914.0,	0.0); (467870.7,
3760660.4,	284.4,	914.0,	0.0);	
(467873.6,	3760638.8,	284.5,	914.0,	0.0); (467875.5,
3760611.6,	283.7,	914.0,	0.0);	
(467890.2,	3760591.8,	284.0,	914.0,	0.0); (467902.6,
3760574.2,	284.3,	914.0,	0.0);	
(467852.3,	3760310.0,	287.7,	914.0,	0.0); (467887.8,
3760311.2,	288.0,	914.0,	0.0);	
(467919.7,	3760310.4,	289.0,	914.0,	0.0); (467957.2,
3760309.6,	289.2,	914.0,	0.0);	
(468003.5,	3760309.6,	290.0,	914.0,	0.0); (468051.4,
3760311.6,	290.9,	924.0,	0.0);	
(468086.5,	3760312.8,	291.4,	939.0,	0.0); (468126.0,
3760311.2,	291.0,	939.0,	0.0);	
(468154.3,	3760312.4,	290.0,	939.0,	0.0); (467934.7,
3760865.5,	285.5,	914.0,	0.0);	
(467954.7,	3760841.6,	285.8,	914.0,	0.0); (467977.0,
3760812.0,	285.3,	914.0,	0.0);	
(467995.0,	3760788.1,	285.4,	914.0,	0.0); (468017.8,
3760766.5,	285.7,	914.0,	0.0);	
(468178.1,	3760581.8,	288.0,	939.0,	0.0); (468258.1,
3760499.0,	289.9,	939.0,	0.0);	
(467788.7,	3760754.4,	283.1,	914.0,	0.0); (467866.4,
3760800.2,	285.2,	914.0,	0.0);	
(467880.8,	3760783.6,	285.4,	914.0,	0.0); (467903.9,
3760761.6,	285.7,	914.0,	0.0);	

*** AERMOD - VERSION 24142 *** *** Massachusetts Avenue

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*** AERMET - VERSION 22112 *** *** Period Average DPM Project Operations

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

[illegible]

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 24142 *** *** Massachusetts Avenue ***
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*** AERMET - VERSION 22112 *** *** Period Average DPM Project Operations ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

Surface file: ..\kral_sfc_pfl\KRAL_V11_trimmed.sfc Met Version: 22112
Profile file: ..\kral_sfc_pfl\KRAL_V11_trimmed.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2019 Year: 2019

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

19	01	01	1	01	-53.7	0.548	-9.000	-9.000	-999.	974.	330.7	0.12	0.58	1.00	6.14	44.	10.1	281.4	2.0
19	01	01	1	02	-48.4	0.493	-9.000	-9.000	-999.	836.	267.9	0.12	0.58	1.00	5.55	44.	10.1	281.4	2.0
19	01	01	1	03	-32.2	0.327	-9.000	-9.000	-999.	472.	117.6	0.12	0.58	1.00	3.74	38.	10.1	280.3	2.0
19	01	01	1	04	-14.7	0.169	-9.000	-9.000	-999.	190.	31.3	0.09	0.58	1.00	2.16	71.	10.1	279.8	2.0
19	01	01	1	05	-36.7	0.372	-9.000	-9.000	-999.	544.	151.9	0.12	0.58	1.00	4.23	38.	10.1	279.8	2.0
19	01	01	1	06	-51.0	0.517	-9.000	-9.000	-999.	891.	293.6	0.12	0.58	1.00	5.80	35.	10.1	280.3	2.0
19	01	01	1	07	-59.7	0.605	-9.000	-9.000	-999.	1126.	402.0	0.11	0.58	1.00	6.91	29.	10.1	280.3	2.0
19	01	01	1	08	-36.5	0.495	-9.000	-9.000	-999.	848.	293.2	0.11	0.58	0.53	5.67	12.	10.1	280.9	2.0
19	01	01	1	09	19.5	0.330	0.399	0.005	115.	478.	-162.7	0.11	0.58	0.31	3.56	20.	10.1	282.5	

2.0
19 01 01 1 10 54.7 0.536 0.694 0.005 216. 942. -249.1 0.11 0.58 0.24 5.87 27. 10.1 283.8
2.0
19 01 01 1 11 79.0 0.654 0.988 0.005 431. 1268. -313.1 0.11 0.58 0.21 7.20 17. 10.1 284.2
2.0
19 01 01 1 12 90.7 0.632 1.268 0.005 794. 1209. -246.0 0.11 0.58 0.20 6.92 13. 10.1 284.8
2.0
19 01 01 1 13 89.3 0.608 1.309 0.005 886. 1141. -222.3 0.11 0.58 0.20 6.64 16. 10.1 285.3
2.0
19 01 01 1 14 74.8 0.549 1.265 0.005 955. 982. -195.3 0.11 0.58 0.22 5.97 13. 10.1 285.3
2.0
19 01 01 1 15 47.9 0.620 1.106 0.005 997. 1170. -439.1 0.11 0.58 0.25 6.87 16. 10.1 285.3
2.0
19 01 01 1 16 10.9 0.545 0.678 0.005 1006. 973. -1306.5 0.11 0.58 0.34 6.11 22. 10.1 284.8
2.0
19 01 01 1 17 -36.8 0.408 -9.000 -9.000 -999. 642. 183.0 0.11 0.58 0.62 4.73 14. 10.1 283.8
2.0
19 01 01 1 18 -38.4 0.392 -9.000 -9.000 -999. 590. 169.0 0.11 0.58 1.00 4.56 20. 10.1 282.5
2.0
19 01 01 1 19 -28.7 0.292 -9.000 -9.000 -999. 385. 93.9 0.11 0.58 1.00 3.44 18. 10.1 282.5
2.0
19 01 01 1 20 -24.6 0.250 -9.000 -9.000 -999. 301. 68.7 0.12 0.58 1.00 2.89 44. 10.1 282.0
2.0
19 01 01 1 21 -11.6 0.148 -9.000 -9.000 -999. 142. 25.0 0.09 0.58 1.00 1.92 81. 10.1 280.3
2.0
19 01 01 1 22 -7.9 0.120 -9.000 -9.000 -999. 100. 19.5 0.07 0.58 1.00 1.67 208. 10.1 279.2
2.0
19 01 01 1 23 -16.1 0.176 -9.000 -9.000 -999. 178. 34.2 0.09 0.58 1.00 2.25 82. 10.1 279.2
2.0
19 01 01 1 24 -23.1 0.233 -9.000 -9.000 -999. 270. 59.9 0.09 0.58 1.00 2.93 63. 10.1 280.3
2.0

First hour of profile data

YR MO DY HR HEIGHT F WDIR WSPD AMB_TMP sigmaA sigmaW sigmaV
19 01 01 01 10.1 1 44. 6.14 281.5 99.0 -99.00 -99.00

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

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*** AERMET - VERSION 22112 *** *** Period Average DPM Project Operations ***
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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

FOR SOURCE GROUP: ALL	*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES

	INCLUDING SOURCE(S): A0000023 , A0000024 ,
A0000025 , A0000026 , A0000027 ,	
A0000028 , A0000029 , A0000030 , A0000031 , A0000032 ,	

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A0000033      , A0000034      , A0000035      ,
                A0000036      , A0000037      , A0000038      , EMGEN      , FIREPUMP      ,
A0000016      , A0000017      , A0000018      ,
                A0000019      , A0000020      , A0000021      , A0000022      , ID11      ,
ID12          , ID13          , . . .      ,

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*** 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

```

466821.85	3760535.68	0.00392	466841.85
3760535.68	0.00391		
466861.85	3760535.68	0.00385	466881.85
3760535.68	0.00380		
466901.85	3760535.68	0.00371	466921.85
3760535.68	0.00362		
466941.85	3760535.68	0.00351	466961.85
3760535.68	0.00337		
466981.85	3760535.68	0.00326	467001.85
3760535.68	0.00313		
467021.85	3760535.68	0.00298	467041.85
3760535.68	0.00288		
467061.85	3760535.68	0.00278	467081.85
3760535.68	0.00267		
467101.85	3760535.68	0.00255	467121.85
3760535.68	0.00245		
467141.85	3760535.68	0.00237	467161.85
3760535.68	0.00229		
467181.85	3760535.68	0.00225	467201.85
3760535.68	0.00222		
467221.85	3760535.68	0.00220	467241.85
3760535.68	0.00220		
467261.85	3760535.68	0.00219	467281.85
3760535.68	0.00215		
467301.85	3760535.68	0.00213	467321.85
3760535.68	0.00213		
467341.85	3760535.68	0.00209	467361.85
3760535.68	0.00207		
467381.85	3760535.68	0.00206	466821.85
3760555.68	0.00423		
466841.85	3760555.68	0.00424	466861.85
3760555.68	0.00423		
466881.85	3760555.68	0.00416	466901.85
3760555.68	0.00411		
466921.85	3760555.68	0.00401	466941.85
3760555.68	0.00390		
466961.85	3760555.68	0.00374	466981.85
3760555.68	0.00361		
467001.85	3760555.68	0.00346	467021.85

3760555.68	0.00330		
467041.85	3760555.68	0.00317	467061.85
3760555.68	0.00305		
467081.85	3760555.68	0.00293	467101.85
3760555.68	0.00278		
467121.85	3760555.68	0.00267	467141.85
3760555.68	0.00259		
467161.85	3760555.68	0.00249	467181.85
3760555.68	0.00245		
467201.85	3760555.68	0.00244	467221.85
3760555.68	0.00242		
467241.85	3760555.68	0.00240	467261.85
3760555.68	0.00239		
467281.85	3760555.68	0.00235	467301.85
3760555.68	0.00233		
467321.85	3760555.68	0.00231	467341.85
3760555.68	0.00228		
467361.85	3760555.68	0.00226	467381.85
3760555.68	0.00225		
466821.85	3760575.68	0.00457	466841.85
3760575.68	0.00461		
466861.85	3760575.68	0.00463	466881.85
3760575.68	0.00459		
466901.85	3760575.68	0.00453	466921.85
3760575.68	0.00444		
466941.85	3760575.68	0.00433	466961.85
3760575.68	0.00416		
466981.85	3760575.68	0.00403	467001.85
3760575.68	0.00387		
467021.85	3760575.68	0.00372	467041.85
3760575.68	0.00351		
467061.85	3760575.68	0.00335	467081.85
3760575.68	0.00321		
467101.85	3760575.68	0.00304	467121.85
3760575.68	0.00292		
467141.85	3760575.68	0.00283	467161.85
3760575.68	0.00273		
467181.85	3760575.68	0.00268	467201.85
3760575.68	0.00268		
467221.85	3760575.68	0.00268	467241.85
3760575.68	0.00266		

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*** AERMET - VERSION 22112 *** *** Period Average DPM Project Operations

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

FOR SOURCE GROUP: ALL		*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION	VALUES

		INCLUDING SOURCE(S):	A0000023 , A0000024 ,
A0000025	, A0000026	, A0000027	,
	A0000028	, A0000029	, A0000030 , A0000031 , A0000032 ,
A0000033	, A0000034	, A0000035	,

A0000016	A0000036	,	A0000037	,	A0000038	,	EMGEN	,	FIREPUMP	,
	A0000017	,	A0000018	,						
ID12	A0000019	,	A0000020	,	A0000021	,	A0000022	,	ID11	,
	ID13	,	. . .	,						

*** 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			

467261.85	3760575.68	0.00262	467281.85
3760575.68	0.00261		
467301.85	3760575.68	0.00257	467321.85
3760575.68	0.00253		
467341.85	3760575.68	0.00252	467361.85
3760575.68	0.00249		
467381.85	3760575.68	0.00246	466821.85
3760595.68	0.00490		
466841.85	3760595.68	0.00499	466861.85
3760595.68	0.00504		
466881.85	3760595.68	0.00506	466901.85
3760595.68	0.00502		
466921.85	3760595.68	0.00495	466941.85
3760595.68	0.00486		
466961.85	3760595.68	0.00473	466981.85
3760595.68	0.00454		
467001.85	3760595.68	0.00434	467021.85
3760595.68	0.00416		
467041.85	3760595.68	0.00392	467061.85
3760595.68	0.00372		
467081.85	3760595.68	0.00356	467101.85
3760595.68	0.00340		
467121.85	3760595.68	0.00324	467141.85
3760595.68	0.00312		
467161.85	3760595.68	0.00305	467181.85
3760595.68	0.00299		
467201.85	3760595.68	0.00296	467221.85
3760595.68	0.00297		
467241.85	3760595.68	0.00296	467261.85
3760595.68	0.00294		
467281.85	3760595.68	0.00290	467301.85
3760595.68	0.00286		
467321.85	3760595.68	0.00283	467341.85
3760595.68	0.00280		
467361.85	3760595.68	0.00278	467381.85
3760595.68	0.00276		
466821.85	3760615.68	0.00523	466841.85
3760615.68	0.00537		
466861.85	3760615.68	0.00546	466881.85
3760615.68	0.00555		

466901.85	3760615.68	0.00556	466921.85
3760615.68	0.00552		
466941.85	3760615.68	0.00544	466961.85
3760615.68	0.00533		
466981.85	3760615.68	0.00518	467001.85
3760615.68	0.00495		
467021.85	3760615.68	0.00471	467041.85
3760615.68	0.00445		
467061.85	3760615.68	0.00420	467081.85
3760615.68	0.00398		
467101.85	3760615.68	0.00381	467121.85
3760615.68	0.00363		
467141.85	3760615.68	0.00348	467161.85
3760615.68	0.00342		
467181.85	3760615.68	0.00337	467201.85
3760615.68	0.00333		
467221.85	3760615.68	0.00334	467241.85
3760615.68	0.00333		
467261.85	3760615.68	0.00330	467281.85
3760615.68	0.00326		
467301.85	3760615.68	0.00322	467321.85
3760615.68	0.00320		
467341.85	3760615.68	0.00316	467361.85
3760615.68	0.00314		
467381.85	3760615.68	0.00312	466821.85
3760635.68	0.00554		
466841.85	3760635.68	0.00577	466861.85
3760635.68	0.00592		
466881.85	3760635.68	0.00604	466901.85
3760635.68	0.00613		
466921.85	3760635.68	0.00617	466941.85
3760635.68	0.00614		
466961.85	3760635.68	0.00605	466981.85
3760635.68	0.00592		
467001.85	3760635.68	0.00572	467021.85
3760635.68	0.00542		
467041.85	3760635.68	0.00515	467061.85
3760635.68	0.00484		
467081.85	3760635.68	0.00452	467101.85
3760635.68	0.00432		

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*** AERMET - VERSION 22112 *** *** Period Average DPM Project Operations ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

FOR SOURCE GROUP: ALL		*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES ***			
		INCLUDING SOURCE(S):			
A0000025	, A0000026	, A0000027	, A0000023	, A0000024	,
	A0000028	, A0000029	, A0000030	, A0000031	, A0000032
A0000033	, A0000034	, A0000035			
	A0000036	, A0000037	, A0000038	, EMGEN	, FIREPUMP

A0000016 , A0000017 , A0000018 ,
A0000019 , A0000020 , A0000021 , A0000022 , ID11 ,
ID12 , ID13 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
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467121.85	3760635.68	0.00411	467141.85	
3760635.68	0.00393			
467161.85	3760635.68	0.00387	467181.85	
3760635.68	0.00384			
467201.85	3760635.68	0.00384	467221.85	
3760635.68	0.00385			
467241.85	3760635.68	0.00380	467261.85	
3760635.68	0.00374			
467281.85	3760635.68	0.00373	467301.85	
3760635.68	0.00369			
467321.85	3760635.68	0.00365	467341.85	
3760635.68	0.00365			
467361.85	3760635.68	0.00361	467381.85	
3760635.68	0.00357			
466821.85	3760655.68	0.00587	466841.85	
3760655.68	0.00611			
466861.85	3760655.68	0.00639	466881.85	
3760655.68	0.00657			
466901.85	3760655.68	0.00674	466921.85	
3760655.68	0.00687			
466941.85	3760655.68	0.00692	466961.85	
3760655.68	0.00692			
466981.85	3760655.68	0.00680	467001.85	
3760655.68	0.00662			
467021.85	3760655.68	0.00631	467041.85	
3760655.68	0.00602			
467061.85	3760655.68	0.00567	467081.85	
3760655.68	0.00532			
467101.85	3760655.68	0.00505	467121.85	
3760655.68	0.00480			
467141.85	3760655.68	0.00457	467161.85	
3760655.68	0.00448			
467181.85	3760655.68	0.00444	467201.85	
3760655.68	0.00443			
467221.85	3760655.68	0.00443	467241.85	
3760655.68	0.00441			
467261.85	3760655.68	0.00439	467281.85	
3760655.68	0.00439			
467301.85	3760655.68	0.00435	467321.85	
3760655.68	0.00431			
467341.85	3760655.68	0.00428	467361.85	

3760655.68	0.00424		
467381.85	3760655.68	0.00424	466821.85
3760675.68	0.00614		
466841.85	3760675.68	0.00645	466861.85
3760675.68	0.00678		
466881.85	3760675.68	0.00711	466901.85
3760675.68	0.00737		
466921.85	3760675.68	0.00759	466941.85
3760675.68	0.00777		
466961.85	3760675.68	0.00788	466981.85
3760675.68	0.00789		
467001.85	3760675.68	0.00777	467021.85
3760675.68	0.00755		
467041.85	3760675.68	0.00761	467061.85
3760675.68	0.00717		
467081.85	3760675.68	0.00667	467101.85
3760675.68	0.00637		
467121.85	3760675.68	0.00597	467141.85
3760675.68	0.00565		
467161.85	3760675.68	0.00553	467181.85
3760675.68	0.00534		
467201.85	3760675.68	0.00530	467221.85
3760675.68	0.00530		
467241.85	3760675.68	0.00531	467261.85
3760675.68	0.00532		
467281.85	3760675.68	0.00530	467301.85
3760675.68	0.00526		
467321.85	3760675.68	0.00521	467341.85
3760675.68	0.00517		
467361.85	3760675.68	0.00514	467381.85
3760675.68	0.00513		
466821.85	3760695.68	0.00633	466841.85
3760695.68	0.00675		
466861.85	3760695.68	0.00714	466881.85
3760695.68	0.00754		
466901.85	3760695.68	0.00801	466921.85
3760695.68	0.00833		
466941.85	3760695.68	0.00868	466961.85
3760695.68	0.00894		

*** AERMOD - VERSION 24142 *** *** Massachusetts Avenue

02/05/25

*** AERMET - VERSION 22112 *** *** Period Average DPM Project Operations

10:37:26

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

FOR SOURCE GROUP: ALL		*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION		VALUES

		INCLUDING SOURCE(S):	A0000023	, A0000024 ,
A0000025	, A0000026	, A0000027	,	
	A0000028	, A0000029	, A0000030	, A0000031 , A0000032 ,
A0000033	, A0000034	, A0000035	,	
	A0000036	, A0000037	, A0000038	, EMGEN , FIREPUMP ,
A0000016	, A0000017	, A0000018	,	

A0000019 , A0000020 , A0000021 , A0000022 , ID11 ,
 ID12 , ID13 , . . . ,
 *** 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

466981.85	3760695.68	0.00918	467001.85	
3760695.68	0.00932			
467021.85	3760695.68	0.01006	467041.85	
3760695.68	0.00975			
467061.85	3760695.68	0.00903	467081.85	
3760695.68	0.00817			
467101.85	3760695.68	0.00761	467121.85	
3760695.68	0.00743			
467141.85	3760695.68	0.00739	467161.85	
3760695.68	0.00719			
467181.85	3760695.68	0.00708	467201.85	
3760695.68	0.00677			
467221.85	3760695.68	0.00674	467241.85	
3760695.68	0.00677			
467261.85	3760695.68	0.00678	467281.85	
3760695.68	0.00671			
467301.85	3760695.68	0.00663	467321.85	
3760695.68	0.00656			
467341.85	3760695.68	0.00656	467361.85	
3760695.68	0.00648			
467381.85	3760695.68	0.00638	466821.85	
3760715.68	0.00642			
466841.85	3760715.68	0.00689	466861.85	
3760715.68	0.00739			
466881.85	3760715.68	0.00793	466901.85	
3760715.68	0.00845			
466921.85	3760715.68	0.00905	466941.85	
3760715.68	0.00957			
466961.85	3760715.68	0.01011	466981.85	
3760715.68	0.01079			
467001.85	3760715.68	0.01303	467021.85	
3760715.68	0.01266			
467041.85	3760715.68	0.01263	467061.85	
3760715.68	0.01212			
467081.85	3760715.68	0.01125	467101.85	
3760715.68	0.01051			
467121.85	3760715.68	0.01009	467141.85	
3760715.68	0.00996			
467161.85	3760715.68	0.00994	467181.85	
3760715.68	0.00977			
467201.85	3760715.68	0.00996	467221.85	
3760715.68	0.00946			

467241.85	3760715.68	0.00946	467261.85
3760715.68	0.00946		
467281.85	3760715.68	0.00934	467301.85
3760715.68	0.00924		
467321.85	3760715.68	0.00915	467341.85
3760715.68	0.00902		
467361.85	3760715.68	0.00893	467381.85
3760715.68	0.00885		
466821.85	3760735.68	0.00641	466841.85
3760735.68	0.00694		
466861.85	3760735.68	0.00750	466881.85
3760735.68	0.00811		
466901.85	3760735.68	0.00879	466921.85
3760735.68	0.00956		
466941.85	3760735.68	0.01036	466961.85
3760735.68	0.01119		
466981.85	3760735.68	0.01327	467001.85
3760735.68	0.01554		
467201.85	3760735.68	0.01464	467221.85
3760735.68	0.01410		
467241.85	3760735.68	0.01367	467261.85
3760735.68	0.01353		
467281.85	3760735.68	0.01324	467301.85
3760735.68	0.01304		
467321.85	3760735.68	0.01284	467341.85
3760735.68	0.01256		
467361.85	3760735.68	0.01233	467381.85
3760735.68	0.01207		
466821.85	3760755.68	0.00631	466841.85
3760755.68	0.00683		
466861.85	3760755.68	0.00750	466881.85
3760755.68	0.00821		
466901.85	3760755.68	0.00895	466921.85
3760755.68	0.00988		
466941.85	3760755.68	0.01087	466961.85
3760755.68	0.01216		
466981.85	3760755.68	0.01471	467001.85
3760755.68	0.01641		

*** AERMOD - VERSION 24142 *** *** Massachusetts Avenue ***
02/05/25

*** AERMET - VERSION 22112 *** *** Period Average DPM Project Operations ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

FOR SOURCE GROUP: ALL		*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES			

		INCLUDING SOURCE(S):			
A0000025	, A0000026	, A0000027	, A0000023	, A0000024	,
	A0000028	, A0000029	, A0000030	, A0000031	, A0000032
A0000033	, A0000034	, A0000035			
	A0000036	, A0000037	, A0000038	, EMGEN	, FIREPUMP
A0000016	, A0000017	, A0000018			
	A0000019	, A0000020	, A0000021	, A0000022	, ID11

ID12		, ID13																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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3760795.68	0.01419		
467281.85	3760795.68	0.01312	467301.85
3760795.68	0.01217		
467321.85	3760795.68	0.01133	467341.85
3760795.68	0.01063		
467361.85	3760795.68	0.01004	467381.85
3760795.68	0.00952		
466821.85	3760815.68	0.00565	466841.85
3760815.68	0.00621		
466861.85	3760815.68	0.00683	466881.85
3760815.68	0.00758		
466901.85	3760815.68	0.00851	466921.85
3760815.68	0.00955		
466941.85	3760815.68	0.01083	466961.85
3760815.68	0.01244		
466981.85	3760815.68	0.01473	467001.85
3760815.68	0.01983		
467201.85	3760815.68	0.02496	467221.85
3760815.68	0.02118		
467241.85	3760815.68	0.01858	467261.85
3760815.68	0.01659		
467281.85	3760815.68	0.01500	467301.85
3760815.68	0.01370		
467321.85	3760815.68	0.01260	467341.85
3760815.68	0.01168		
467361.85	3760815.68	0.01089	467381.85
3760815.68	0.01021		
466821.85	3760835.68	0.00543	466841.85
3760835.68	0.00599		
466861.85	3760835.68	0.00657	466881.85
3760835.68	0.00729		
466901.85	3760835.68	0.00817	466921.85
3760835.68	0.00925		
466941.85	3760835.68	0.01055	466961.85
3760835.68	0.01219		
466981.85	3760835.68	0.01485	467001.85
3760835.68	0.02051		

*** AERMOD - VERSION 24142 *** *** Massachusetts Avenue

02/05/25

*** AERMET - VERSION 22112 *** *** Period Average DPM Project Operations

10:37:26

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

FOR SOURCE GROUP: ALL		*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES			

		INCLUDING SOURCE(S):			
A0000025	, A0000026	, A0000027	, A0000023	, A0000024	,
	A0000028	, A0000029	, A0000030	, A0000031	, A0000032
A0000033	, A0000034	, A0000035			
	A0000036	, A0000037	, A0000038	, EMGEN	, FIREPUMP
A0000016	, A0000017	, A0000018			
	A0000019	, A0000020	, A0000021	, A0000022	, ID11
ID12	, ID13	, . . .			

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

**		** CONC OF DPM	IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC		X-COORD (M)	Y-COORD
467201.85	3760835.68	0.03103		467221.85	
3760835.68	0.02468				
467241.85	3760835.68	0.02123		467261.85	
3760835.68	0.01863				
467281.85	3760835.68	0.01657		467301.85	
3760835.68	0.01492				
467321.85	3760835.68	0.01357		467341.85	
3760835.68	0.01245				
467361.85	3760835.68	0.01152		467381.85	
3760835.68	0.01072				
466821.85	3760855.68	0.00523		466841.85	
3760855.68	0.00574				
466861.85	3760855.68	0.00633		466881.85	
3760855.68	0.00701				
466901.85	3760855.68	0.00781		466921.85	
3760855.68	0.00889				
466941.85	3760855.68	0.01015		466961.85	
3760855.68	0.01170				
466981.85	3760855.68	0.01484		467001.85	
3760855.68	0.01781				
467201.85	3760855.68	0.03065		467221.85	
3760855.68	0.02550				
467241.85	3760855.68	0.02163		467261.85	
3760855.68	0.01916				
467281.85	3760855.68	0.01707		467301.85	
3760855.68	0.01539				
467321.85	3760855.68	0.01403		467341.85	
3760855.68	0.01288				
467361.85	3760855.68	0.01190		467381.85	
3760855.68	0.01104				
466821.85	3760875.68	0.00504		466841.85	
3760875.68	0.00552				
466861.85	3760875.68	0.00611		466881.85	
3760875.68	0.00678				
466901.85	3760875.68	0.00756		466921.85	
3760875.68	0.00857				
466941.85	3760875.68	0.00975		466961.85	
3760875.68	0.01135				
466981.85	3760875.68	0.01420		467001.85	
3760875.68	0.01625				
467201.85	3760875.68	0.02747		467221.85	
3760875.68	0.02383				
467241.85	3760875.68	0.02035		467261.85	
3760875.68	0.01835				

467281.85	3760875.68	0.01654	467301.85
3760875.68	0.01507		
467321.85	3760875.68	0.01384	467341.85
3760875.68	0.01282		
467361.85	3760875.68	0.01187	467381.85
3760875.68	0.01101		
466821.85	3760895.68	0.00489	466841.85
3760895.68	0.00535		
466861.85	3760895.68	0.00588	466881.85
3760895.68	0.00652		
466901.85	3760895.68	0.00728	466921.85
3760895.68	0.00817		
466941.85	3760895.68	0.00929	466961.85
3760895.68	0.01120		
466981.85	3760895.68	0.01377	467001.85
3760895.68	0.01452		
467201.85	3760895.68	0.02268	467221.85
3760895.68	0.02129		
467241.85	3760895.68	0.01836	467261.85
3760895.68	0.01656		
467281.85	3760895.68	0.01522	467301.85
3760895.68	0.01400		
467321.85	3760895.68	0.01294	467341.85
3760895.68	0.01224		
467361.85	3760895.68	0.01145	467381.85
3760895.68	0.01064		
466821.85	3760915.68	0.00475	466841.85
3760915.68	0.00520		
466861.85	3760915.68	0.00565	466881.85
3760915.68	0.00623		
466901.85	3760915.68	0.00695	466921.85
3760915.68	0.00772		
466941.85	3760915.68	0.00871	466961.85
3760915.68	0.01055		
466981.85	3760915.68	0.01325	467001.85
3760915.68	0.01241		

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*** AERMET - VERSION 22112 *** *** Period Average DPM Project Operations ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

FOR SOURCE GROUP: ALL		*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES			

		INCLUDING SOURCE(S):			
A0000025	, A0000026	, A0000027	, A0000023	, A0000024	,
	A0000028	, A0000029	, A0000030	, A0000031	, A0000032
A0000033	, A0000034	, A0000035			
	A0000036	, A0000037	, A0000038	, EMGEN	, FIREPUMP
A0000016	, A0000017	, A0000018			
	A0000019	, A0000020	, A0000021	, A0000022	, ID11
ID12	, ID13	, . . .			

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

**		** CONC OF DPM	IN MICROGRAMS/M**3		
X-COORD (M) (M)	Y-COORD (M) CONC	CONC		X-COORD (M)	Y-COORD
467201.85	3760915.68	0.01947		467221.85	
3760915.68	0.01998				
467241.85	3760915.68	0.01649		467261.85	
3760915.68	0.01474				
467281.85	3760915.68	0.01366		467301.85	
3760915.68	0.01269				
467321.85	3760915.68	0.01185		467341.85	
3760915.68	0.01125				
467361.85	3760915.68	0.01048		467381.85	
3760915.68	0.00984				
466821.85	3760935.68	0.00463		466841.85	
3760935.68	0.00501				
466861.85	3760935.68	0.00543		466881.85	
3760935.68	0.00595				
466901.85	3760935.68	0.00653		466921.85	
3760935.68	0.00717				
466941.85	3760935.68	0.00796		466961.85	
3760935.68	0.00931				
466981.85	3760935.68	0.01114		467001.85	
3760935.68	0.01155				
467201.85	3760935.68	0.02391		467221.85	
3760935.68	0.01805				
467241.85	3760935.68	0.01480		467261.85	
3760935.68	0.01312				
467281.85	3760935.68	0.01203		467301.85	
3760935.68	0.01127				
467321.85	3760935.68	0.01033		467341.85	
3760935.68	0.00969				
467361.85	3760935.68	0.00917		467381.85	
3760935.68	0.00875				
466821.85	3760955.68	0.00448		466841.85	
3760955.68	0.00484				
466861.85	3760955.68	0.00518		466881.85	
3760955.68	0.00561				
466901.85	3760955.68	0.00611		466921.85	
3760955.68	0.00659				
466941.85	3760955.68	0.00712		466961.85	
3760955.68	0.00779				
466981.85	3760955.68	0.00909		467001.85	
3760955.68	0.00962				
467201.85	3760955.68	0.02317		467221.85	
3760955.68	0.01533				
467241.85	3760955.68	0.01212		467261.85	
3760955.68	0.01077				
467281.85	3760955.68	0.01001		467301.85	

3760955.68	0.00928		
467321.85	3760955.68	0.00860	467341.85
3760955.68	0.00815		
467361.85	3760955.68	0.00783	467381.85
3760955.68	0.00747		
466821.85	3760975.68	0.00433	466841.85
3760975.68	0.00463		
466861.85	3760975.68	0.00495	466881.85
3760975.68	0.00530		
466901.85	3760975.68	0.00567	466921.85
3760975.68	0.00603		
466941.85	3760975.68	0.00640	466961.85
3760975.68	0.00676		
466981.85	3760975.68	0.00768	467001.85
3760975.68	0.00798		
467201.85	3760975.68	0.01286	467221.85
3760975.68	0.01102		
467241.85	3760975.68	0.00943	467261.85
3760975.68	0.00865		
467281.85	3760975.68	0.00809	467301.85
3760975.68	0.00758		
467321.85	3760975.68	0.00717	467341.85
3760975.68	0.00688		
467361.85	3760975.68	0.00668	467381.85
3760975.68	0.00635		
466821.85	3760995.68	0.00417	466841.85
3760995.68	0.00443		
466861.85	3760995.68	0.00471	466881.85
3760995.68	0.00499		
466901.85	3760995.68	0.00526	466921.85
3760995.68	0.00557		
466941.85	3760995.68	0.00584	466961.85
3760995.68	0.00610		
466981.85	3760995.68	0.00643	467001.85
3760995.68	0.00713		

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*** AERMET - VERSION 22112 *** *** Period Average DPM Project Operations ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

FOR SOURCE GROUP: ALL		*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES			

		INCLUDING SOURCE(S):			
A0000025	, A0000026	, A0000027	, A0000023	, A0000024	,
	A0000028	, A0000029	, A0000030	, A0000031	, A0000032
A0000033	, A0000034	, A0000035			
	A0000036	, A0000037	, A0000038	, EMGEN	, FIREPUMP
A0000016	, A0000017	, A0000018			
	A0000019	, A0000020	, A0000021	, A0000022	, ID11
ID12	, ID13	, . . .			
*** DISCRETE CARTESIAN RECEPTOR POINTS ***					

**		** CONC OF DPM	IN MICROGRAMS/M**3		
X-COORD (M) (M)	Y-COORD (M) CONC	CONC		X-COORD (M)	Y-COORD
467021.85	3760995.68	0.00720		467041.85	
3760995.68	0.00734				
467061.85	3760995.68	0.00722		467081.85	
3760995.68	0.00761				
467101.85	3760995.68	0.00799		467121.85	
3760995.68	0.00871				
467141.85	3760995.68	0.01016		467161.85	
3760995.68	0.01228				
467181.85	3760995.68	0.01060		467201.85	
3760995.68	0.00894				
467221.85	3760995.68	0.00796		467241.85	
3760995.68	0.00755				
467261.85	3760995.68	0.00722		467281.85	
3760995.68	0.00683				
467301.85	3760995.68	0.00653		467321.85	
3760995.68	0.00628				
467341.85	3760995.68	0.00605		467361.85	
3760995.68	0.00590				
467381.85	3760995.68	0.00561		466821.85	
3761015.68	0.00402				
466841.85	3761015.68	0.00421		466861.85	
3761015.68	0.00446				
466881.85	3761015.68	0.00468		466901.85	
3761015.68	0.00487				
466921.85	3761015.68	0.00512		466941.85	
3761015.68	0.00532				
466961.85	3761015.68	0.00549		466981.85	
3761015.68	0.00568				
467001.85	3761015.68	0.00603		467021.85	
3761015.68	0.00655				
467041.85	3761015.68	0.00662		467061.85	
3761015.68	0.00686				
467081.85	3761015.68	0.00721		467101.85	
3761015.68	0.00747				
467121.85	3761015.68	0.00820		467141.85	
3761015.68	0.00885				
467161.85	3761015.68	0.00933		467181.85	
3761015.68	0.00836				
467201.85	3761015.68	0.00715		467221.85	
3761015.68	0.00654				
467241.85	3761015.68	0.00616		467261.85	
3761015.68	0.00591				
467281.85	3761015.68	0.00575		467301.85	
3761015.68	0.00562				
467321.85	3761015.68	0.00549		467341.85	
3761015.68	0.00539				

467361.85	3761015.68	0.00527	467381.85
3761015.68	0.00501		
466821.85	3761035.68	0.00383	466841.85
3761035.68	0.00399		
466861.85	3761035.68	0.00419	466881.85
3761035.68	0.00436		
466901.85	3761035.68	0.00451	466921.85
3761035.68	0.00468		
466941.85	3761035.68	0.00484	466961.85
3761035.68	0.00499		
466981.85	3761035.68	0.00512	467001.85
3761035.68	0.00527		
467021.85	3761035.68	0.00554	467041.85
3761035.68	0.00588		
467061.85	3761035.68	0.00618	467081.85
3761035.68	0.00649		
467101.85	3761035.68	0.00677	467121.85
3761035.68	0.00708		
467141.85	3761035.68	0.00726	467161.85
3761035.68	0.00749		
467181.85	3761035.68	0.00693	467201.85
3761035.68	0.00617		
467221.85	3761035.68	0.00569	467241.85
3761035.68	0.00533		
467261.85	3761035.68	0.00506	467281.85
3761035.68	0.00493		
467301.85	3761035.68	0.00483	467321.85
3761035.68	0.00474		
467341.85	3761035.68	0.00471	467361.85
3761035.68	0.00462		
467381.85	3761035.68	0.00442	466821.85
3761055.68	0.00362		
466841.85	3761055.68	0.00375	466861.85
3761055.68	0.00392		

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*** AERMET - VERSION 22112 *** *** Period Average DPM Project Operations ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

FOR SOURCE GROUP: ALL		*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES			

		INCLUDING SOURCE(S):			
A0000025	, A0000026	, A0000027	, A0000023	, A0000024	,
	A0000028	, A0000029	, A0000030	, A0000031	, A0000032
A0000033	, A0000034	, A0000035			
	A0000036	, A0000037	, A0000038	, EMGEN	, FIREPUMP
A0000016	, A0000017	, A0000018			
	A0000019	, A0000020	, A0000021	, A0000022	, ID11
ID12	, ID13	, . . .			
*** DISCRETE CARTESIAN RECEPTOR POINTS ***					

**		** CONC OF DPM	IN MICROGRAMS/M**3	
X-COORD (M) (M)	Y-COORD (M) CONC	CONC	X-COORD (M)	Y-COORD
466881.85	3761055.68	0.00406	466901.85	
3761055.68	0.00417			
466921.85	3761055.68	0.00428	466941.85	
3761055.68	0.00441			
466961.85	3761055.68	0.00456	466981.85	
3761055.68	0.00466			
467001.85	3761055.68	0.00477	467021.85	
3761055.68	0.00489			
467041.85	3761055.68	0.00511	467061.85	
3761055.68	0.00533			
467081.85	3761055.68	0.00554	467101.85	
3761055.68	0.00581			
467121.85	3761055.68	0.00600	467141.85	
3761055.68	0.00610			
467161.85	3761055.68	0.00625	467181.85	
3761055.68	0.00608			
467201.85	3761055.68	0.00543	467221.85	
3761055.68	0.00502			
467241.85	3761055.68	0.00473	467261.85	
3761055.68	0.00451			
467281.85	3761055.68	0.00438	467301.85	
3761055.68	0.00425			
467321.85	3761055.68	0.00413	467341.85	
3761055.68	0.00409			
467361.85	3761055.68	0.00403	467381.85	
3761055.68	0.00387			
466821.85	3761075.68	0.00341	466841.85	
3761075.68	0.00352			
466861.85	3761075.68	0.00363	466881.85	
3761075.68	0.00375			
466901.85	3761075.68	0.00386	466921.85	
3761075.68	0.00395			
466941.85	3761075.68	0.00405	466961.85	
3761075.68	0.00416			
466981.85	3761075.68	0.00429	467001.85	
3761075.68	0.00439			
467021.85	3761075.68	0.00450	467041.85	
3761075.68	0.00464			
467061.85	3761075.68	0.00480	467081.85	
3761075.68	0.00497			
467101.85	3761075.68	0.00512	467121.85	
3761075.68	0.00523			
467141.85	3761075.68	0.00532	467161.85	
3761075.68	0.00539			
467181.85	3761075.68	0.00553	467201.85	
3761075.68	0.00496			
467221.85	3761075.68	0.00458	467241.85	

3761075.68	0.00429		
467261.85	3761075.68	0.00404	467281.85
3761075.68	0.00391		
467301.85	3761075.68	0.00377	467321.85
3761075.68	0.00365		
467341.85	3761075.68	0.00360	467361.85
3761075.68	0.00354		
467381.85	3761075.68	0.00347	466821.85
3761095.68	0.00320		
466841.85	3761095.68	0.00329	466861.85
3761095.68	0.00338		
466881.85	3761095.68	0.00348	466901.85
3761095.68	0.00359		
466921.85	3761095.68	0.00369	466941.85
3761095.68	0.00378		
466961.85	3761095.68	0.00388	466981.85
3761095.68	0.00402		
467001.85	3761095.68	0.00414	467021.85
3761095.68	0.00426		
467041.85	3761095.68	0.00438	467061.85
3761095.68	0.00452		
467081.85	3761095.68	0.00467	467101.85
3761095.68	0.00474		
467121.85	3761095.68	0.00478	467141.85
3761095.68	0.00480		
467161.85	3761095.68	0.00482	467181.85
3761095.68	0.00509		
467201.85	3761095.68	0.00461	467221.85
3761095.68	0.00422		
467241.85	3761095.68	0.00391	467261.85
3761095.68	0.00367		
467281.85	3761095.68	0.00353	467301.85
3761095.68	0.00340		

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*** AERMET - VERSION 22112 *** *** Period Average DPM Project Operations ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

FOR SOURCE GROUP: ALL		*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES			

		INCLUDING SOURCE(S):			
A0000025	, A0000026	, A0000027	, A0000023	, A0000024	,
	A0000028	, A0000029	, A0000030	, A0000031	, A0000032
A0000033	, A0000034	, A0000035	,		
	A0000036	, A0000037	, A0000038	, EMGEN	, FIREPUMP
A0000016	, A0000017	, A0000018	,		
	A0000019	, A0000020	, A0000021	, A0000022	, ID11
ID12	, ID13	, . . .	,		
*** DISCRETE CARTESIAN RECEPTOR POINTS ***					
		** CONC OF DPM IN MICROGRAMS/M**3			

**

X-COORD (M) (M)	Y-COORD (M) CONC	CONC	X-COORD (M)	Y-COORD
467321.85	3761095.68	0.00329	467341.85	
3761095.68	0.00321			
467361.85	3761095.68	0.00314	467381.85	
3761095.68	0.00308			
466821.85	3761115.68	0.00300	466841.85	
3761115.68	0.00308			
466861.85	3761115.68	0.00317	466881.85	
3761115.68	0.00327			
466901.85	3761115.68	0.00339	466921.85	
3761115.68	0.00348			
466941.85	3761115.68	0.00359	466961.85	
3761115.68	0.00372			
466981.85	3761115.68	0.00393	467001.85	
3761115.68	0.00415			
467021.85	3761115.68	0.00436	467041.85	
3761115.68	0.00452			
467061.85	3761115.68	0.00468	467081.85	
3761115.68	0.00479			
467101.85	3761115.68	0.00481	467121.85	
3761115.68	0.00479			
467141.85	3761115.68	0.00472	467161.85	
3761115.68	0.00466			
467181.85	3761115.68	0.00479	467201.85	
3761115.68	0.00434			
467221.85	3761115.68	0.00387	467241.85	
3761115.68	0.00357			
467261.85	3761115.68	0.00336	467281.85	
3761115.68	0.00320			
467301.85	3761115.68	0.00308	467321.85	
3761115.68	0.00299			
467341.85	3761115.68	0.00289	467361.85	
3761115.68	0.00282			
467381.85	3761115.68	0.00276	466821.85	
3761135.68	0.00282			
466841.85	3761135.68	0.00291	466861.85	
3761135.68	0.00300			
466881.85	3761135.68	0.00310	466901.85	
3761135.68	0.00323			
466921.85	3761135.68	0.00335	466941.85	
3761135.68	0.00351			
466961.85	3761135.68	0.00375	466981.85	
3761135.68	0.00434			
467001.85	3761135.68	0.00504	467021.85	
3761135.68	0.00505			
467041.85	3761135.68	0.00511	467061.85	
3761135.68	0.00519			
467081.85	3761135.68	0.00528	467101.85	
3761135.68	0.00534			

467121.85	3761135.68	0.00532	467141.85
3761135.68	0.00523		
467161.85	3761135.68	0.00509	467181.85
3761135.68	0.00470		
467201.85	3761135.68	0.00389	467221.85
3761135.68	0.00343		
467241.85	3761135.68	0.00316	467261.85
3761135.68	0.00297		
467281.85	3761135.68	0.00286	467301.85
3761135.68	0.00278		
467321.85	3761135.68	0.00270	467341.85
3761135.68	0.00263		
467361.85	3761135.68	0.00257	467381.85
3761135.68	0.00251		
466821.85	3761155.68	0.00267	466841.85
3761155.68	0.00278		
466861.85	3761155.68	0.00288	466881.85
3761155.68	0.00302		
466901.85	3761155.68	0.00318	466921.85
3761155.68	0.00339		
466941.85	3761155.68	0.00380	466961.85
3761155.68	0.00437		
466981.85	3761155.68	0.00411	467001.85
3761155.68	0.00385		
467021.85	3761155.68	0.00373	467041.85
3761155.68	0.00368		
467061.85	3761155.68	0.00367	467081.85
3761155.68	0.00365		
467101.85	3761155.68	0.00365	467121.85
3761155.68	0.00360		
467141.85	3761155.68	0.00350	467161.85
3761155.68	0.00337		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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*** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION VALUES
***
FOR SOURCE GROUP: ALL
    INCLUDING SOURCE(S):  A0000023 , A0000024 ,
A0000025 , A0000026 , A0000027 ,
    A0000028 , A0000029 , A0000030 , A0000031 , A0000032 ,
A0000033 , A0000034 , A0000035 ,
    A0000036 , A0000037 , A0000038 , EMGEN , FIREPUMP ,
A0000016 , A0000017 , A0000018 ,
    A0000019 , A0000020 , A0000021 , A0000022 , ID11 ,
ID12 , ID13 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3
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X-COORD (M) (M)	Y-COORD (M) CONC	CONC	X-COORD (M)	Y-COORD
467181.85	3761155.68	0.00321	467201.85	
3761155.68	0.00306			
467221.85	3761155.68	0.00289	467241.85	
3761155.68	0.00275			
467261.85	3761155.68	0.00263	467281.85	
3761155.68	0.00257			
467301.85	3761155.68	0.00251	467321.85	
3761155.68	0.00245			
467341.85	3761155.68	0.00240	467361.85	
3761155.68	0.00235			
467381.85	3761155.68	0.00230	466821.85	
3761175.68	0.00255			
466841.85	3761175.68	0.00268	466861.85	
3761175.68	0.00286			
466881.85	3761175.68	0.00308	466901.85	
3761175.68	0.00349			
466921.85	3761175.68	0.00416	466941.85	
3761175.68	0.00380			
466961.85	3761175.68	0.00344	466981.85	
3761175.68	0.00327			
467001.85	3761175.68	0.00320	467021.85	
3761175.68	0.00318			
467041.85	3761175.68	0.00315	467061.85	
3761175.68	0.00312			
467081.85	3761175.68	0.00309	467101.85	
3761175.68	0.00304			
467121.85	3761175.68	0.00297	467141.85	
3761175.68	0.00288			
467161.85	3761175.68	0.00279	467181.85	
3761175.68	0.00268			
467201.85	3761175.68	0.00259	467221.85	
3761175.68	0.00249			
467241.85	3761175.68	0.00241	467261.85	
3761175.68	0.00235			
467281.85	3761175.68	0.00231	467301.85	
3761175.68	0.00227			
467321.85	3761175.68	0.00223	467341.85	
3761175.68	0.00220			
467361.85	3761175.68	0.00216	467381.85	
3761175.68	0.00211			
466771.85	3760235.68	0.00130	466821.85	
3760235.68	0.00126			
466871.85	3760235.68	0.00121	466921.85	
3760235.68	0.00117			
466971.85	3760235.68	0.00113	467021.85	
3760235.68	0.00108			
467071.85	3760235.68	0.00102	467121.85	
3760235.68	0.00096			
467171.85	3760235.68	0.00089	467221.85	

3760235.68	0.00085		
467271.85	3760235.68	0.00083	467321.85
3760235.68	0.00081		
467371.85	3760235.68	0.00082	467421.85
3760235.68	0.00082		
467471.85	3760235.68	0.00082	467521.85
3760235.68	0.00082		
467571.85	3760235.68	0.00083	467621.85
3760235.68	0.00085		
467671.85	3760235.68	0.00088	466771.85
3760285.68	0.00154		
466821.85	3760285.68	0.00148	466871.85
3760285.68	0.00141		
466921.85	3760285.68	0.00136	466971.85
3760285.68	0.00131		
467021.85	3760285.68	0.00124	467071.85
3760285.68	0.00118		
467121.85	3760285.68	0.00110	467171.85
3760285.68	0.00103		
467221.85	3760285.68	0.00097	467271.85
3760285.68	0.00094		
467321.85	3760285.68	0.00094	467371.85
3760285.68	0.00093		
467421.85	3760285.68	0.00093	467471.85
3760285.68	0.00093		
467521.85	3760285.68	0.00093	467571.85
3760285.68	0.00094		
467621.85	3760285.68	0.00097	467671.85
3760285.68	0.00104		
466771.85	3760335.68	0.00184	466821.85
3760335.68	0.00177		

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*** AERMET - VERSION 22112 *** *** Period Average DPM Project Operations

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

FOR SOURCE GROUP: ALL		*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION		VALUES

		INCLUDING SOURCE(S):		
A0000025	, A0000026	, A0000027	, A0000023	, A0000024
	A0000028	, A0000029	, A0000030	, A0000031
A0000033	, A0000034	, A0000035		, A0000032
	A0000036	, A0000037	, A0000038	, EMGEN
A0000016	, A0000017	, A0000018		, FIREPUMP
	A0000019	, A0000020	, A0000021	, A0000022
ID12	, ID13	, . . .		, ID11

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M) (M)	Y-COORD (M) CONC	CONC	X-COORD (M)	Y-COORD
466871.85	3760335.68	0.00169	466921.85	
3760335.68	0.00162			
466971.85	3760335.68	0.00152	467021.85	
3760335.68	0.00143			
467071.85	3760335.68	0.00135	467121.85	
3760335.68	0.00126			
467171.85	3760335.68	0.00117	467221.85	
3760335.68	0.00111			
467271.85	3760335.68	0.00108	467321.85	
3760335.68	0.00107			
467371.85	3760335.68	0.00107	467421.85	
3760335.68	0.00106			
467471.85	3760335.68	0.00106	467521.85	
3760335.68	0.00106			
467571.85	3760335.68	0.00107	467621.85	
3760335.68	0.00111			
467671.85	3760335.68	0.00119	466771.85	
3760385.68	0.00222			
466821.85	3760385.68	0.00214	466871.85	
3760385.68	0.00203			
466921.85	3760385.68	0.00192	466971.85	
3760385.68	0.00179			
467021.85	3760385.68	0.00167	467071.85	
3760385.68	0.00158			
467121.85	3760385.68	0.00146	467171.85	
3760385.68	0.00134			
467221.85	3760385.68	0.00128	467271.85	
3760385.68	0.00126			
467321.85	3760385.68	0.00125	467371.85	
3760385.68	0.00124			
467421.85	3760385.68	0.00122	467471.85	
3760385.68	0.00121			
467521.85	3760385.68	0.00121	467571.85	
3760385.68	0.00122			
467621.85	3760385.68	0.00124	467671.85	
3760385.68	0.00134			
466771.85	3760435.68	0.00267	466821.85	
3760435.68	0.00260			
466871.85	3760435.68	0.00247	466921.85	
3760435.68	0.00232			
466971.85	3760435.68	0.00216	467021.85	
3760435.68	0.00201			
467071.85	3760435.68	0.00186	467121.85	
3760435.68	0.00170			
467171.85	3760435.68	0.00156	467221.85	
3760435.68	0.00150			
467271.85	3760435.68	0.00148	467321.85	
3760435.68	0.00147			
467371.85	3760435.68	0.00144	467421.85	
3760435.68	0.00142			

467471.85	3760435.68	0.00141	467521.85
3760435.68	0.00138		
467571.85	3760435.68	0.00138	467621.85
3760435.68	0.00142		
467671.85	3760435.68	0.00150	466771.85
3760485.68	0.00322		
466821.85	3760485.68	0.00319	466871.85
3760485.68	0.00306		
466921.85	3760485.68	0.00286	466971.85
3760485.68	0.00262		
467021.85	3760485.68	0.00241	467071.85
3760485.68	0.00222		
467121.85	3760485.68	0.00202	467171.85
3760485.68	0.00187		
467221.85	3760485.68	0.00181	467271.85
3760485.68	0.00177		
467321.85	3760485.68	0.00173	467371.85
3760485.68	0.00170		
467421.85	3760485.68	0.00168	467471.85
3760485.68	0.00164		
467521.85	3760485.68	0.00161	467571.85
3760485.68	0.00161		
467621.85	3760485.68	0.00164	467671.85
3760485.68	0.00172		
466771.85	3760535.68	0.00385	467421.85
3760535.68	0.00203		
467471.85	3760535.68	0.00197	467521.85
3760535.68	0.00196		
467571.85	3760535.68	0.00196	467621.85
3760535.68	0.00199		

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*** AERMET - VERSION 22112 *** *** Period Average DPM Project Operations ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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*** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION VALUES
***
FOR SOURCE GROUP: ALL
      INCLUDING SOURCE(S):
A0000025 , A0000026 , A0000027 ,
      A0000028 , A0000029 , A0000030 , A0000031 , A0000032 ,
A0000033 , A0000034 , A0000035 ,
      A0000036 , A0000037 , A0000038 , EMGEN , FIREPUMP ,
A0000016 , A0000017 , A0000018 ,
      A0000019 , A0000020 , A0000021 , A0000022 , ID11 ,
ID12 , ID13 , . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M) (M)	Y-COORD (M) CONC	CONC	X-COORD (M)	Y-COORD
467671.85	3760535.68	0.00207	466771.85	
3760585.68	0.00446			
467421.85	3760585.68	0.00257	467471.85	
3760585.68	0.00254			
467521.85	3760585.68	0.00252	467571.85	
3760585.68	0.00252			
467621.85	3760585.68	0.00252	467671.85	
3760585.68	0.00257			
466771.85	3760635.68	0.00503	467421.85	
3760635.68	0.00359			
467471.85	3760635.68	0.00358	467521.85	
3760635.68	0.00351			
467571.85	3760635.68	0.00342	467621.85	
3760635.68	0.00335			
467671.85	3760635.68	0.00331	466771.85	
3760685.68	0.00536			
467421.85	3760685.68	0.00560	467471.85	
3760685.68	0.00547			
467521.85	3760685.68	0.00529	467571.85	
3760685.68	0.00509			
467621.85	3760685.68	0.00490	467671.85	
3760685.68	0.00472			
466771.85	3760735.68	0.00531	467421.85	
3760735.68	0.01169			
467471.85	3760735.68	0.01122	467521.85	
3760735.68	0.01084			
467571.85	3760735.68	0.01036	467621.85	
3760735.68	0.01002			
467671.85	3760735.68	0.00959	466771.85	
3760785.68	0.00488			
467421.85	3760785.68	0.00840	467471.85	
3760785.68	0.00756			
467521.85	3760785.68	0.00687	467571.85	
3760785.68	0.00628			
467621.85	3760785.68	0.00577	467671.85	
3760785.68	0.00530			
466771.85	3760835.68	0.00441	467421.85	
3760835.68	0.00939			
467471.85	3760835.68	0.00810	467521.85	
3760835.68	0.00713			
467571.85	3760835.68	0.00633	467621.85	
3760835.68	0.00567			
467671.85	3760835.68	0.00510	466771.85	
3760885.68	0.00405			
467421.85	3760885.68	0.00942	467471.85	
3760885.68	0.00807			
467521.85	3760885.68	0.00703	467571.85	
3760885.68	0.00620			
467621.85	3760885.68	0.00550	467671.85	
3760885.68	0.00492			

466771.85	3760935.68	0.00387	467421.85
3760935.68	0.00762		
467471.85	3760935.68	0.00671	467521.85
3760935.68	0.00601		
467571.85	3760935.68	0.00539	467621.85
3760935.68	0.00486		
467671.85	3760935.68	0.00441	466771.85
3760985.68	0.00363		
467421.85	3760985.68	0.00537	467471.85
3760985.68	0.00495		
467521.85	3760985.68	0.00457	467571.85
3760985.68	0.00423		
467621.85	3760985.68	0.00393	467671.85
3760985.68	0.00364		
466771.85	3761035.68	0.00341	467421.85
3761035.68	0.00411		
467471.85	3761035.68	0.00379	467521.85
3761035.68	0.00353		
467571.85	3761035.68	0.00323	467621.85
3761035.68	0.00299		
467671.85	3761035.68	0.00280	466771.85
3761085.68	0.00299		
467421.85	3761085.68	0.00303	467471.85
3761085.68	0.00285		
467521.85	3761085.68	0.00267	467571.85
3761085.68	0.00234		
467621.85	3761085.68	0.00217	467671.85
3761085.68	0.00209		
466771.85	3761135.68	0.00259	467421.85
3761135.68	0.00231		

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*** AERMET - VERSION 22112 *** *** Period Average DPM Project Operations ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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*** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION VALUES
***
FOR SOURCE GROUP: ALL
    INCLUDING SOURCE(S):
A0000025 , A0000026 , A0000027 , A0000023 , A0000024 ,
    A0000028 , A0000029 , A0000030 , A0000031 , A0000032 ,
A0000033 , A0000034 , A0000035 ,
    A0000036 , A0000037 , A0000038 , EMGEN , FIREPUMP ,
A0000016 , A0000017 , A0000018 ,
    A0000019 , A0000020 , A0000021 , A0000022 , ID11 ,
ID12 , ID13 , . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M) (M)	Y-COORD (M) CONC	CONC	X-COORD (M)	Y-COORD
467471.85	3761135.68	0.00207	467521.85	
3761135.68	0.00182			
467571.85	3761135.68	0.00171	467621.85	
3761135.68	0.00169			
467671.85	3761135.68	0.00171	466771.85	
3761185.68	0.00226			
466821.85	3761185.68	0.00250	466871.85	
3761185.68	0.00304			
466921.85	3761185.68	0.00373	466971.85	
3761185.68	0.00307			
467021.85	3761185.68	0.00297	467071.85	
3761185.68	0.00291			
467121.85	3761185.68	0.00277	467171.85	
3761185.68	0.00256			
467221.85	3761185.68	0.00234	467271.85	
3761185.68	0.00221			
467321.85	3761185.68	0.00215	467371.85	
3761185.68	0.00205			
467421.85	3761185.68	0.00171	467471.85	
3761185.68	0.00148			
467521.85	3761185.68	0.00139	467571.85	
3761185.68	0.00148			
467621.85	3761185.68	0.00156	467671.85	
3761185.68	0.00147			
466771.85	3761235.68	0.00194	466821.85	
3761235.68	0.00206			
466871.85	3761235.68	0.00214	466921.85	
3761235.68	0.00221			
466971.85	3761235.68	0.00223	467021.85	
3761235.68	0.00226			
467071.85	3761235.68	0.00222	467121.85	
3761235.68	0.00212			
467171.85	3761235.68	0.00198	467221.85	
3761235.68	0.00184			
467271.85	3761235.68	0.00179	467321.85	
3761235.68	0.00172			
467371.85	3761235.68	0.00143	467421.85	
3761235.68	0.00124			
467471.85	3761235.68	0.00121	467521.85	
3761235.68	0.00140			
467571.85	3761235.68	0.00139	467621.85	
3761235.68	0.00133			
467671.85	3761235.68	0.00125	466771.85	
3761285.68	0.00164			
466821.85	3761285.68	0.00169	466871.85	
3761285.68	0.00172			
466921.85	3761285.68	0.00175	466971.85	
3761285.68	0.00179			
467021.85	3761285.68	0.00181	467071.85	
3761285.68	0.00177			

467121.85	3761285.68	0.00170	467171.85
3761285.68	0.00161		
467221.85	3761285.68	0.00158	467271.85
3761285.68	0.00147		
467321.85	3761285.68	0.00132	467371.85
3761285.68	0.00123		
467421.85	3761285.68	0.00114	467471.85
3761285.68	0.00112		
467521.85	3761285.68	0.00125	467571.85
3761285.68	0.00121		
467621.85	3761285.68	0.00116	467671.85
3761285.68	0.00108		
467721.85	3760235.68	0.00092	467821.85
3760235.68	0.00094		
467921.85	3760235.68	0.00094	468021.85
3760235.68	0.00096		
468121.85	3760235.68	0.00094	468221.85
3760235.68	0.00086		
467721.85	3760335.68	0.00140	467821.85
3760335.68	0.00606		
467921.85	3760335.68	0.00679	468021.85
3760335.68	0.00716		
468121.85	3760335.68	0.00710	468221.85
3760335.68	0.00721		
467721.85	3760435.68	0.00172	467821.85
3760435.68	0.00391		
467921.85	3760435.68	0.00179	468021.85
3760435.68	0.00149		
468121.85	3760435.68	0.00137	468221.85
3760435.68	0.00124		

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*** AERMET - VERSION 22112 *** *** Period Average DPM Project Operations ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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*** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION VALUES
***
FOR SOURCE GROUP: ALL
      INCLUDING SOURCE(S):
A0000025 , A0000026 , A0000027 ,
      A0000028 , A0000029 , A0000030 , A0000031 , A0000032 ,
A0000033 , A0000034 , A0000035 ,
      A0000036 , A0000037 , A0000038 , EMGEN , FIREPUMP ,
A0000016 , A0000017 , A0000018 ,
      A0000019 , A0000020 , A0000021 , A0000022 , ID11 ,
ID12 , ID13 , . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M) (M)	Y-COORD (M) CONC	CONC	X-COORD (M)	Y-COORD
467721.85	3760535.68	0.00226	467821.85	
3760535.68	0.00437			
467921.85	3760535.68	0.00213	468021.85	
3760535.68	0.00170			
468121.85	3760535.68	0.00148	468221.85	
3760535.68	0.00130			
467721.85	3760635.68	0.00338	467821.85	
3760635.68	0.00500			
467921.85	3760635.68	0.00273	468021.85	
3760635.68	0.00215			
468121.85	3760635.68	0.00180	468221.85	
3760635.68	0.00156			
467721.85	3760735.68	0.00936	467821.85	
3760735.68	0.00655			
467921.85	3760735.68	0.00333	468021.85	
3760735.68	0.00254			
468121.85	3760735.68	0.00209	468221.85	
3760735.68	0.00177			
467721.85	3760835.68	0.00459	467821.85	
3760835.68	0.00371			
467921.85	3760835.68	0.00298	468021.85	
3760835.68	0.00252			
468121.85	3760835.68	0.00212	468221.85	
3760835.68	0.00181			
467721.85	3760935.68	0.00398	467821.85	
3760935.68	0.00328			
467921.85	3760935.68	0.00272	468021.85	
3760935.68	0.00228			
468121.85	3760935.68	0.00194	468221.85	
3760935.68	0.00168			
467721.85	3761035.68	0.00242	467821.85	
3761035.68	0.00236			
467921.85	3761035.68	0.00204	468021.85	
3761035.68	0.00178			
468121.85	3761035.68	0.00155	468221.85	
3761035.68	0.00137			
467721.85	3761135.68	0.00167	467821.85	
3761135.68	0.00152			
467921.85	3761135.68	0.00137	468021.85	
3761135.68	0.00123			
468121.85	3761135.68	0.00110	468221.85	
3761135.68	0.00100			
467721.85	3761235.68	0.00119	467821.85	
3761235.68	0.00106			
467921.85	3761235.68	0.00094	468021.85	
3761235.68	0.00085			
468121.85	3761235.68	0.00077	468221.85	
3761235.68	0.00071			
467299.51	3761159.70	0.00246	467829.63	
3760661.47	0.00494			

467826.42	3760642.38	0.00483	467826.75
3760623.29	0.00475		
467867.23	3760685.18	0.00407	467870.69
3760660.39	0.00367		
467873.57	3760638.77	0.00337	467875.48
3760611.64	0.00310		
467890.19	3760591.75	0.00273	467902.58
3760574.16	0.00248		
467852.27	3760310.02	0.00281	467887.79
3760311.22	0.00322		
467919.71	3760310.42	0.00321	467957.21
3760309.62	0.00320		
468003.50	3760309.62	0.00321	468051.38
3760311.62	0.00337		
468086.49	3760312.82	0.00346	468125.99
3760311.22	0.00328		
468154.32	3760312.42	0.00330	467934.74
3760865.52	0.00287		
467954.70	3760841.58	0.00281	467977.04
3760812.05	0.00276		
467995.00	3760788.10	0.00270	468017.75
3760766.55	0.00259		
468178.09	3760581.76	0.00150	468258.14
3760499.02	0.00119		
467788.67	3760754.43	0.00521	467866.38
3760800.22	0.00345		
467880.77	3760783.56	0.00344	467903.93
3760761.63	0.00339		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

		INCLUDING SOURCE(S):		A0000023	, A0000024	,
A0000025	, A0000026	, A0000027	,			
	A0000028	, A0000029	, A0000030	, A0000031	, A0000032	,
A0000033	, A0000034	, A0000035	,			
	A0000036	, A0000037	, A0000038	, EMGEN	, FIREPUMP	,
A0000016	, A0000017	, A0000018	,			
	A0000019	, A0000020	, A0000021	, A0000022	, ID11	,
ID12	, ID13	, . . .	,			
*** 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)				

466821.85	3760535.68	0.10130	(23083106)	466841.85
3760535.68	0.10142	(23083106)		
466861.85	3760535.68	0.10673	(20111805)	466881.85
3760535.68	0.11685	(20111805)		
466901.85	3760535.68	0.12197	(23072405)	466921.85
3760535.68	0.12625	(20081406)		
466941.85	3760535.68	0.12837	(20070623)	466961.85
3760535.68	0.12939	(22072104)		
466981.85	3760535.68	0.12558	(22072104)	467001.85
3760535.68	0.12878	(20082704)		
467021.85	3760535.68	0.12749	(19042323)	467041.85
3760535.68	0.12271	(22080101)		
467061.85	3760535.68	0.12271	(22080802)	467081.85
3760535.68	0.12422	(20071902)		
467101.85	3760535.68	0.12407	(21090902)	467121.85
3760535.68	0.12252	(21090703)		
467141.85	3760535.68	0.12159	(21062704)	467161.85
3760535.68	0.11705	(21080806)		
467181.85	3760535.68	0.11266	(22082505)	467201.85
3760535.68	0.11285	(22082505)		
467221.85	3760535.68	0.10994	(21072406)	467241.85
3760535.68	0.11050	(23042803)		
467261.85	3760535.68	0.11258	(20081503)	467281.85
3760535.68	0.11095	(21061003)		
467301.85	3760535.68	0.11189	(23071204)	467321.85
3760535.68	0.10733	(23071204)		
467341.85	3760535.68	0.09949	(22100802)	467361.85
3760535.68	0.09440	(20082602)		
467381.85	3760535.68	0.09196	(23082506)	466821.85
3760555.68	0.10323	(23072505)		
466841.85	3760555.68	0.10615	(23083106)	466861.85
3760555.68	0.10676	(20061304)		
466881.85	3760555.68	0.11515	(20111805)	466901.85
3760555.68	0.12393	(23072405)		
466921.85	3760555.68	0.12989	(20081406)	466941.85
3760555.68	0.13040	(20081406)		
466961.85	3760555.68	0.13513	(20070623)	466981.85
3760555.68	0.13438	(22072104)		
467001.85	3760555.68	0.13157	(20082704)	467021.85
3760555.68	0.13196	(20082704)		
467041.85	3760555.68	0.12948	(19042323)	467061.85
3760555.68	0.12617	(22081024)		
467081.85	3760555.68	0.12706	(20071902)	467101.85
3760555.68	0.12745	(21090902)		
467121.85	3760555.68	0.12589	(21090703)	467141.85
3760555.68	0.12459	(21062704)		
467161.85	3760555.68	0.12008	(19072501)	467181.85
3760555.68	0.11744	(22082505)		
467201.85	3760555.68	0.11534	(21072406)	467221.85
3760555.68	0.11249	(23042803)		
467241.85	3760555.68	0.11531	(20081503)	467261.85
3760555.68	0.11583	(20081503)		
467281.85	3760555.68	0.11658	(23071204)	467301.85

3760555.68	0.11396	(23071204)	
467321.85	3760555.68	0.10624	(22100802) 467341.85
3760555.68	0.09857	(20082602)	
467361.85	3760555.68	0.09583	(23082506) 467381.85
3760555.68	0.09418	(19082402)	
466821.85	3760575.68	0.10406	(23072505) 466841.85
3760575.68	0.10807	(23072505)	
466861.85	3760575.68	0.11117	(23083106) 466881.85
3760575.68	0.11260	(20061304)	
466901.85	3760575.68	0.12377	(20111805) 466921.85
3760575.68	0.13149	(23072405)	
466941.85	3760575.68	0.13713	(20081406) 466961.85
3760575.68	0.13940	(20070623)	
466981.85	3760575.68	0.14102	(22072104) 467001.85
3760575.68	0.13589	(22072104)	
467021.85	3760575.68	0.13867	(20082704) 467041.85
3760575.68	0.13631	(19042323)	
467061.85	3760575.68	0.13058	(22083006) 467081.85
3760575.68	0.12979	(19071503)	
467101.85	3760575.68	0.13086	(21090902) 467121.85
3760575.68	0.12932	(21090703)	
467141.85	3760575.68	0.12751	(21062704) 467161.85
3760575.68	0.12288	(19072501)	
467181.85	3760575.68	0.12159	(22082505) 467201.85
3760575.68	0.11870	(21072406)	
467221.85	3760575.68	0.11893	(23042803) 467241.85
3760575.68	0.12154	(20081503)	

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

		INCLUDING SOURCE(S):	A0000023	, A0000024	,
A0000025	, A0000026	, A0000027	,		
	A0000028	, A0000029	, A0000030	, A0000031	, A0000032
A0000033	, A0000034	, A0000035	,		
	A0000036	, A0000037	, A0000038	, EMGEN	, FIREPUMP
A0000016	, A0000017	, A0000018	,		
	A0000019	, A0000020	, A0000021	, A0000022	, ID11
ID12	, ID13	, . . .	,		
*** 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)			

467261.85	3760575.68	0.12099	(21061003)	467281.85
3760575.68	0.12073	(23071204)		
467301.85	3760575.68	0.11336	(22100802)	467321.85
3760575.68	0.10300	(22100802)		
467341.85	3760575.68	0.10015	(20082602)	467361.85
3760575.68	0.09847	(19082402)		
467381.85	3760575.68	0.09497	(19082402)	466821.85
3760595.68	0.10380	(23072503)		
466841.85	3760595.68	0.10890	(23072505)	466861.85
3760595.68	0.11289	(23072505)		
466881.85	3760595.68	0.11636	(23083106)	466901.85
3760595.68	0.11910	(20111805)		
466921.85	3760595.68	0.13245	(20111805)	466941.85
3760595.68	0.13932	(20081406)		
466961.85	3760595.68	0.14290	(20081406)	466981.85
3760595.68	0.14744	(20070623)		
467001.85	3760595.68	0.14633	(22072104)	467021.85
3760595.68	0.14372	(20082704)		
467041.85	3760595.68	0.14225	(19042323)	467061.85
3760595.68	0.13571	(22080101)		
467081.85	3760595.68	0.13487	(22080802)	467101.85
3760595.68	0.13437	(21090902)		
467121.85	3760595.68	0.13289	(21090703)	467141.85
3760595.68	0.13041	(21062704)		
467161.85	3760595.68	0.12635	(20082603)	467181.85
3760595.68	0.12514	(22082505)		
467201.85	3760595.68	0.12097	(20082524)	467221.85
3760595.68	0.12494	(20081503)		
467241.85	3760595.68	0.12504	(21061003)	467261.85
3760595.68	0.12695	(23071204)		
467281.85	3760595.68	0.12141	(23071204)	467301.85
3760595.68	0.11092	(22100802)		
467321.85	3760595.68	0.10518	(20082602)	467341.85
3760595.68	0.10287	(19082402)		
467361.85	3760595.68	0.09940	(19082402)	467381.85
3760595.68	0.09355	(19082402)		
466821.85	3760615.68	0.10589	(21091124)	466841.85
3760615.68	0.10898	(23072503)		
466861.85	3760615.68	0.11388	(23072505)	466881.85
3760615.68	0.11850	(23071304)		
466901.85	3760615.68	0.12206	(23083106)	466921.85
3760615.68	0.12933	(20111805)		
466941.85	3760615.68	0.14100	(20111805)	466961.85
3760615.68	0.14862	(20081406)		
466981.85	3760615.68	0.15202	(20070623)	467001.85
3760615.68	0.15447	(22072104)		
467021.85	3760615.68	0.14761	(22072104)	467041.85
3760615.68	0.14766	(20082704)		
467061.85	3760615.68	0.14231	(19042323)	467081.85
3760615.68	0.14034	(22080802)		
467101.85	3760615.68	0.13853	(20071902)	467121.85
3760615.68	0.13652	(21090703)		
467141.85	3760615.68	0.13327	(21062704)	467161.85
3760615.68	0.12971	(20082603)		
467181.85	3760615.68	0.12796	(22082505)	467201.85

3760615.68	0.12814	(23042803)	
467221.85	3760615.68	0.13177	(20081503)
3760615.68	0.13250	(23071204)	467241.85
467261.85	3760615.68	0.12976	(23071204)
3760615.68	0.11936	(22100802)	467281.85
467301.85	3760615.68	0.11057	(20082602)
3760615.68	0.10790	(19082402)	467321.85
467341.85	3760615.68	0.10407	(19082402)
3760615.68	0.09771	(19082402)	467361.85
467381.85	3760615.68	0.09414	(23082201)
3760635.68	0.10598	(23082304)	466821.85
466841.85	3760635.68	0.11105	(21091124)
3760635.68	0.11454	(23072503)	466861.85
466881.85	3760635.68	0.11940	(23072505)
3760635.68	0.12449	(23071304)	466901.85
466921.85	3760635.68	0.12817	(23083106)
3760635.68	0.14016	(20111805)	466941.85
466961.85	3760635.68	0.14990	(23072405)
3760635.68	0.15675	(20081406)	466981.85
467001.85	3760635.68	0.16192	(20070623)
3760635.68	0.16032	(22072104)	467021.85
467041.85	3760635.68	0.15578	(20082704)
3760635.68	0.15145	(19042323)	467061.85
467081.85	3760635.68	0.14569	(22080802)
3760635.68	0.14291	(20071902)	467101.85

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*** AERMET - VERSION 22112 *** *** Period Average DPM Project Operations

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

		INCLUDING SOURCE(S):	A0000023	, A0000024	,
A0000025	, A0000026	, A0000027	,		
	A0000028	, A0000029	, A0000030	, A0000031	, A0000032
A0000033	, A0000034	, A0000035	,		
	A0000036	, A0000037	, A0000038	, EMGEN	, FIREPUMP
A0000016	, A0000017	, A0000018	,		
	A0000019	, A0000020	, A0000021	, A0000022	, ID11
ID12	, ID13	, . . .	,		
*** 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)			

467121.85	3760635.68	0.14019	(21090703)	467141.85
3760635.68	0.13747	(21080806)		
467161.85	3760635.68	0.13450	(22082505)	467181.85
3760635.68	0.13188	(20082524)		
467201.85	3760635.68	0.13655	(20081503)	467221.85
3760635.68	0.13832	(21061003)		
467241.85	3760635.68	0.13820	(23071204)	467261.85
3760635.68	0.12874	(23071204)		
467281.85	3760635.68	0.11641	(20082602)	467301.85
3760635.68	0.11335	(19082402)		
467321.85	3760635.68	0.10923	(19082402)	467341.85
3760635.68	0.10257	(22062201)		
467361.85	3760635.68	0.09901	(23082201)	467381.85
3760635.68	0.09661	(23082201)		
466821.85	3760655.68	0.10668	(20081306)	466841.85
3760655.68	0.11048	(23082304)		
466861.85	3760655.68	0.11610	(21091124)	466881.85
3760655.68	0.12043	(23072503)		
466901.85	3760655.68	0.12536	(23072505)	466921.85
3760655.68	0.13131	(23071304)		
466941.85	3760655.68	0.13484	(23083106)	466961.85
3760655.68	0.15150	(20111805)		
466981.85	3760655.68	0.16125	(20081406)	467001.85
3760655.68	0.16709	(20070623)		
467021.85	3760655.68	0.17053	(22072104)	467041.85
3760655.68	0.16186	(20082704)		
467061.85	3760655.68	0.15964	(19042323)	467081.85
3760655.68	0.15085	(22080802)		
467101.85	3760655.68	0.14727	(20071902)	467121.85
3760655.68	0.14490	(20070905)		
467141.85	3760655.68	0.14190	(21080806)	467161.85
3760655.68	0.13948	(22082505)		
467181.85	3760655.68	0.13926	(23042803)	467201.85
3760655.68	0.14423	(20081503)		
467221.85	3760655.68	0.14631	(23071204)	467241.85
3760655.68	0.13952	(23071204)		
467261.85	3760655.68	0.12504	(22100802)	467281.85
3760655.68	0.11952	(19082402)		
467301.85	3760655.68	0.11509	(19082402)	467321.85
3760655.68	0.10785	(22062201)		
467341.85	3760655.68	0.10432	(23082201)	467361.85
3760655.68	0.10132	(23082201)		
467381.85	3760655.68	0.09828	(20052624)	466821.85
3760675.68	0.11084	(20081306)		
466841.85	3760675.68	0.11324	(20081306)	466861.85
3760675.68	0.11512	(23082304)		
466881.85	3760675.68	0.12147	(21091124)	466901.85
3760675.68	0.12680	(23072503)		
466921.85	3760675.68	0.13192	(23072505)	466941.85
3760675.68	0.13889	(23071304)		
466961.85	3760675.68	0.14663	(20111805)	466981.85
3760675.68	0.16329	(20111805)		
467001.85	3760675.68	0.17287	(20081406)	467021.85
3760675.68	0.17944	(20070623)		
467041.85	3760675.68	0.17885	(22072104)	467061.85

3760675.68	0.17332	(20082704)	
467081.85	3760675.68	0.15877	(22080101) 467101.85
3760675.68	0.15744	(19071503)	
467121.85	3760675.68	0.15221	(20070905) 467141.85
3760675.68	0.14646	(21080806)	
467161.85	3760675.68	0.14373	(22082505) 467181.85
3760675.68	0.15021	(20081503)	
467201.85	3760675.68	0.15400	(21061003) 467221.85
3760675.68	0.15090	(23071204)	
467241.85	3760675.68	0.13699	(23071204) 467261.85
3760675.68	0.12675	(19082402)	
467281.85	3760675.68	0.12194	(19082402) 467301.85
3760675.68	0.11403	(22062201)	
467321.85	3760675.68	0.11026	(23082201) 467341.85
3760675.68	0.10644	(23082201)	
467361.85	3760675.68	0.10317	(20052624) 467381.85
3760675.68	0.10155	(19091123)	
466821.85	3760695.68	0.11052	(22080102) 466841.85
3760695.68	0.11621	(20081306)	
466861.85	3760695.68	0.11994	(20081306) 466881.85
3760695.68	0.12161	(20081306)	
466901.85	3760695.68	0.12742	(21091124) 466921.85
3760695.68	0.13385	(23072503)	
466941.85	3760695.68	0.13934	(23072505) 466961.85
3760695.68	0.14746	(23083106)	

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*** AERMET - VERSION 22112 *** *** Period Average DPM Project Operations

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

		INCLUDING SOURCE(S):	A0000023	, A0000024	,
A0000025	, A0000026	, A0000027	,		
	A0000028	, A0000029	, A0000030	, A0000031	, A0000032
A0000033	, A0000034	, A0000035	,		
	A0000036	, A0000037	, A0000038	, EMGEN	, FIREPUMP
A0000016	, A0000017	, A0000018	,		
	A0000019	, A0000020	, A0000021	, A0000022	, ID11
ID12	, ID13	, . . .	,		

*** 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)			

466981.85	3760695.68	0.16173	(20111805)	467001.85
3760695.68	0.17727	(19111201)		
467021.85	3760695.68	0.20469	(20081406)	467041.85
3760695.68	0.19058	(20082704)		
467061.85	3760695.68	0.16552	(20082704)	467081.85
3760695.68	0.15784	(19042323)		
467101.85	3760695.68	0.15128	(22011721)	467121.85
3760695.68	0.17985	(20070905)		
467141.85	3760695.68	0.18008	(22120216)	467161.85
3760695.68	0.17458	(20082524)		
467181.85	3760695.68	0.18202	(21061003)	467201.85
3760695.68	0.16348	(23071204)		
467221.85	3760695.68	0.15117	(23071204)	467241.85
3760695.68	0.13572	(19082402)		
467261.85	3760695.68	0.13035	(19082402)	467281.85
3760695.68	0.12170	(22062201)		
467301.85	3760695.68	0.11754	(23082201)	467321.85
3760695.68	0.11295	(20052624)		
467341.85	3760695.68	0.11032	(19091123)	467361.85
3760695.68	0.10861	(19091123)		
467381.85	3760695.68	0.10370	(21100901)	466821.85
3760715.68	0.11019	(19110818)		
466841.85	3760715.68	0.11171	(21110224)	466861.85
3760715.68	0.12043	(22080102)		
466881.85	3760715.68	0.12699	(20081306)	466901.85
3760715.68	0.13007	(20081306)		
466921.85	3760715.68	0.13354	(23082304)	466941.85
3760715.68	0.14173	(23072503)		
466961.85	3760715.68	0.14792	(23072505)	466981.85
3760715.68	0.15973	(23071304)		
467001.85	3760715.68	0.20618	(22100304)	467021.85
3760715.68	0.21364	(20070623)		
467041.85	3760715.68	0.17370	(20070623)	467061.85
3760715.68	0.17369	(22072104)		
467081.85	3760715.68	0.16849	(19042323)	467101.85
3760715.68	0.15534	(22011721)		
467121.85	3760715.68	0.15770	(22120216)	467141.85
3760715.68	0.14904	(22120216)		
467161.85	3760715.68	0.16511	(21081505)	467181.85
3760715.68	0.19456	(22123007)		
467201.85	3760715.68	0.19224	(23071204)	467221.85
3760715.68	0.15466	(23021404)		
467241.85	3760715.68	0.14260	(19082402)	467261.85
3760715.68	0.13321	(22062201)		
467281.85	3760715.68	0.12845	(23082201)	467301.85
3760715.68	0.12316	(20052624)		
467321.85	3760715.68	0.12176	(19091123)	467341.85
3760715.68	0.11849	(19091123)		
467361.85	3760715.68	0.11374	(21100901)	467381.85
3760715.68	0.10524	(23082401)		
466821.85	3760735.68	0.11061	(22080905)	466841.85
3760735.68	0.11603	(19110818)		
466861.85	3760735.68	0.11898	(19110818)	466881.85
3760735.68	0.12233	(22080102)		
466901.85	3760735.68	0.13377	(20081306)	466921.85

3760735.68	0.13956	(20081306)	
466941.85	3760735.68	0.14155	(20081306) 466961.85
3760735.68	0.15052	(23072503)	
466981.85	3760735.68	0.17689	(23072505) 467001.85
3760735.68	0.20005	(23083106)	
467201.85	3760735.68	0.17883	(23082506) 467221.85
3760735.68	0.16613	(22042903)	
467241.85	3760735.68	0.14043	(23082201) 467261.85
3760735.68	0.13467	(23082201)	
467281.85	3760735.68	0.13283	(19091123) 467301.85
3760735.68	0.12939	(19091123)	
467321.85	3760735.68	0.12396	(21100901) 467341.85
3760735.68	0.11334	(21100901)	
467361.85	3760735.68	0.10932	(21100901) 467381.85
3760735.68	0.10339	(21100901)	
466821.85	3760755.68	0.10383	(22080905) 466841.85
3760755.68	0.10855	(22080905)	
466861.85	3760755.68	0.11987	(22080905) 466881.85
3760755.68	0.12586	(19110818)	
466901.85	3760755.68	0.12905	(19091124) 466921.85
3760755.68	0.14099	(22080102)	
466941.85	3760755.68	0.14929	(20081306) 466961.85
3760755.68	0.15302	(20081306)	
466981.85	3760755.68	0.17084	(23071802) 467001.85
3760755.68	0.19049	(23083103)	

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

		INCLUDING SOURCE(S):	A0000023	, A0000024	,
A0000025	, A0000026	, A0000027	,		
	A0000028	, A0000029	, A0000030	, A0000031	, A0000032
A0000033	, A0000034	, A0000035	,		
	A0000036	, A0000037	, A0000038	, EMGEN	, FIREPUMP
A0000016	, A0000017	, A0000018	,		
	A0000019	, A0000020	, A0000021	, A0000022	, ID11
ID12	, ID13	, . . .	,		

*** 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)			

467201.85	3760755.68	0.16538	(23082506)	467221.85
3760755.68	0.15218	(20090403)		
467241.85	3760755.68	0.13507	(20052624)	467261.85
3760755.68	0.13095	(19091123)		
467281.85	3760755.68	0.12358	(21100901)	467301.85
3760755.68	0.11845	(21100901)		
467321.85	3760755.68	0.10675	(21100901)	467341.85
3760755.68	0.09985	(21100901)		
467361.85	3760755.68	0.09180	(21100901)	467381.85
3760755.68	0.08328	(21100901)		
466821.85	3760775.68	0.10400	(22090803)	466841.85
3760775.68	0.10794	(22090803)		
466861.85	3760775.68	0.11177	(22080905)	466881.85
3760775.68	0.11819	(22080905)		
466901.85	3760775.68	0.12844	(22080905)	466921.85
3760775.68	0.13735	(19110818)		
466941.85	3760775.68	0.14293	(21110224)	466961.85
3760775.68	0.15884	(22080102)		
466981.85	3760775.68	0.17078	(20081306)	467001.85
3760775.68	0.18517	(19080206)		
467201.85	3760775.68	0.16338	(20090403)	467221.85
3760775.68	0.15184	(19091123)		
467241.85	3760775.68	0.14044	(19091123)	467261.85
3760775.68	0.13012	(21100901)		
467281.85	3760775.68	0.11573	(21100901)	467301.85
3760775.68	0.10727	(21100901)		
467321.85	3760775.68	0.09737	(21100901)	467341.85
3760775.68	0.08729	(21100901)		
467361.85	3760775.68	0.08550	(19061021)	467381.85
3760775.68	0.08175	(21080224)		
466821.85	3760795.68	0.10305	(20082103)	466841.85
3760795.68	0.10861	(20082103)		
466861.85	3760795.68	0.11314	(20082103)	466881.85
3760795.68	0.11824	(22090803)		
466901.85	3760795.68	0.12364	(22090803)	466921.85
3760795.68	0.12919	(22070703)		
466941.85	3760795.68	0.13850	(21072906)	466961.85
3760795.68	0.15819	(21072906)		
466981.85	3760795.68	0.16871	(21072906)	467001.85
3760795.68	0.18759	(20081306)		
467201.85	3760795.68	0.16764	(19090903)	467221.85
3760795.68	0.15067	(21100901)		
467241.85	3760795.68	0.12908	(21100901)	467261.85
3760795.68	0.11785	(21100901)		
467281.85	3760795.68	0.10532	(21100901)	467301.85
3760795.68	0.09328	(19061021)		
467321.85	3760795.68	0.08927	(19061021)	467341.85
3760795.68	0.08770	(19061021)		
467361.85	3760795.68	0.08574	(19061021)	467381.85
3760795.68	0.08338	(19061021)		
466821.85	3760815.68	0.09823	(20092905)	466841.85
3760815.68	0.10428	(20092905)		
466861.85	3760815.68	0.10924	(20092905)	466881.85
3760815.68	0.11632	(20082103)		
466901.85	3760815.68	0.12401	(20082103)	466921.85

3760815.68	0.12996	(20082103)	
466941.85	3760815.68	0.13698	(22090803) 466961.85
3760815.68	0.14404	(21072906)	
466981.85	3760815.68	0.15861	(21072906) 467001.85
3760815.68	0.20927	(21072906)	
467201.85	3760815.68	0.15998	(21100901) 467221.85
3760815.68	0.13394	(21100901)	
467241.85	3760815.68	0.11563	(21100901) 467261.85
3760815.68	0.10306	(19061021)	
467281.85	3760815.68	0.09917	(19061021) 467301.85
3760815.68	0.09511	(19061021)	
467321.85	3760815.68	0.09093	(19061021) 467341.85
3760815.68	0.08665	(19061021)	
467361.85	3760815.68	0.08235	(19061021) 467381.85
3760815.68	0.07800	(19061021)	
466821.85	3760835.68	0.09078	(22083105) 466841.85
3760835.68	0.09500	(22083105)	
466861.85	3760835.68	0.10089	(20092905) 466881.85
3760835.68	0.10819	(20092905)	
466901.85	3760835.68	0.11563	(20092905) 466921.85
3760835.68	0.12450	(22081405)	
466941.85	3760835.68	0.13380	(22081405) 466961.85
3760835.68	0.14265	(22081405)	
466981.85	3760835.68	0.15974	(22081405) 467001.85
3760835.68	0.20807	(19090624)	

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

		INCLUDING SOURCE(S):	A0000023	, A0000024	,
A0000025	, A0000026	, A0000027	,		
	A0000028	, A0000029	, A0000030	, A0000031	, A0000032
A0000033	, A0000034	, A0000035	,		
	A0000036	, A0000037	, A0000038	, EMGEN	, FIREPUMP
A0000016	, A0000017	, A0000018	,		
	A0000019	, A0000020	, A0000021	, A0000022	, ID11
ID12	, ID13	, . . .	,		
*** 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)			

467201.85	3760835.68	0.14621	(20020824)	467221.85
3760835.68	0.11967	(19061021)		
467241.85	3760835.68	0.11045	(19061021)	467261.85
3760835.68	0.10231	(19061021)		
467281.85	3760835.68	0.09485	(19061021)	467301.85
3760835.68	0.08815	(19061021)		
467321.85	3760835.68	0.08207	(19061021)	467341.85
3760835.68	0.07649	(19061021)		
467361.85	3760835.68	0.07135	(19061021)	467381.85
3760835.68	0.06657	(19061021)		
466821.85	3760855.68	0.09052	(23111617)	466841.85
3760855.68	0.09453	(23111617)		
466861.85	3760855.68	0.09846	(20070703)	466881.85
3760855.68	0.10253	(20070703)		
466901.85	3760855.68	0.10683	(19090401)	466921.85
3760855.68	0.11363	(19090401)		
466941.85	3760855.68	0.12028	(23102402)	466961.85
3760855.68	0.13019	(22081405)		
466981.85	3760855.68	0.16992	(22081405)	467001.85
3760855.68	0.16761	(22061904)		
467201.85	3760855.68	0.12350	(20082101)	467221.85
3760855.68	0.11417	(19061021)		
467241.85	3760855.68	0.09681	(19061021)	467261.85
3760855.68	0.08900	(23090923)		
467281.85	3760855.68	0.08419	(23090923)	467301.85
3760855.68	0.07998	(23090923)		
467321.85	3760855.68	0.07626	(23090923)	467341.85
3760855.68	0.07295	(23090923)		
467361.85	3760855.68	0.06993	(23090923)	467381.85
3760855.68	0.06716	(23090923)		
466821.85	3760875.68	0.09003	(23072506)	466841.85
3760875.68	0.09359	(23072506)		
466861.85	3760875.68	0.09811	(23072506)	466881.85
3760875.68	0.10234	(23072506)		
466901.85	3760875.68	0.10654	(23072506)	466921.85
3760875.68	0.11192	(23072506)		
466941.85	3760875.68	0.11717	(23111617)	466961.85
3760875.68	0.12267	(23111617)		
466981.85	3760875.68	0.16313	(20073102)	467001.85
3760875.68	0.15273	(20072006)		
467201.85	3760875.68	0.12146	(20082024)	467221.85
3760875.68	0.10831	(20082024)		
467241.85	3760875.68	0.09853	(20082024)	467261.85
3760875.68	0.08547	(19072906)		
467281.85	3760875.68	0.08284	(19072906)	467301.85
3760875.68	0.08060	(19072906)		
467321.85	3760875.68	0.07829	(19072906)	467341.85
3760875.68	0.07568	(19072906)		
467361.85	3760875.68	0.07305	(22011622)	467381.85
3760875.68	0.07050	(22011622)		
466821.85	3760895.68	0.08192	(23072506)	466841.85
3760895.68	0.08594	(23072506)		
466861.85	3760895.68	0.09000	(23072506)	466881.85
3760895.68	0.09447	(23072506)		
466901.85	3760895.68	0.09925	(23072506)	466921.85

3760895.68	0.10408	(20073105)	
466941.85	3760895.68	0.10964	(20080306) 466961.85
3760895.68	0.12965	(20080306)	
466981.85	3760895.68	0.14516	(20080306) 467001.85
3760895.68	0.15201	(23080801)	
467201.85	3760895.68	0.12509	(19072703) 467221.85
3760895.68	0.11572	(20082024)	
467241.85	3760895.68	0.10487	(23072806) 467261.85
3760895.68	0.09334	(20082024)	
467281.85	3760895.68	0.08840	(19061104) 467301.85
3760895.68	0.08378	(19061104)	
467321.85	3760895.68	0.07961	(20081624) 467341.85
3760895.68	0.07749	(22081903)	
467361.85	3760895.68	0.07518	(22081903) 467381.85
3760895.68	0.07312	(22120108)	
466821.85	3760915.68	0.08231	(19091301) 466841.85
3760915.68	0.08637	(19091301)	
466861.85	3760915.68	0.09179	(20080306) 466881.85
3760915.68	0.09848	(20080306)	
466901.85	3760915.68	0.10431	(20080306) 466921.85
3760915.68	0.11094	(20080306)	
466941.85	3760915.68	0.11865	(20080306) 466961.85
3760915.68	0.13942	(22071906)	
466981.85	3760915.68	0.16251	(23080801) 467001.85
3760915.68	0.14789	(22081105)	

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

		INCLUDING SOURCE(S):	A0000023	, A0000024	,
A0000025	, A0000026	, A0000027	,		
	A0000028	, A0000029	, A0000030	, A0000031	, A0000032
A0000033	, A0000034	, A0000035	,		
	A0000036	, A0000037	, A0000038	, EMGEN	, FIREPUMP
A0000016	, A0000017	, A0000018	,		
	A0000019	, A0000020	, A0000021	, A0000022	, ID11
ID12	, ID13	, . . .	,		
*** 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)			

467201.85	3760915.68	0.12963	(22071606)	467221.85
3760915.68	0.12462	(23072622)		
467241.85	3760915.68	0.11440	(23072622)	467261.85
3760915.68	0.09556	(23072622)		
467281.85	3760915.68	0.09292	(19061104)	467301.85
3760915.68	0.09041	(23072806)		
467321.85	3760915.68	0.08773	(19061104)	467341.85
3760915.68	0.08520	(19061104)		
467361.85	3760915.68	0.08097	(19061104)	467381.85
3760915.68	0.07738	(19061104)		
466821.85	3760935.68	0.08976	(20080306)	466841.85
3760935.68	0.09386	(20080306)		
466861.85	3760935.68	0.09967	(20080306)	466881.85
3760935.68	0.10588	(20080306)		
466901.85	3760935.68	0.11204	(20080306)	466921.85
3760935.68	0.11666	(20080306)		
466941.85	3760935.68	0.12098	(20080306)	466961.85
3760935.68	0.13918	(22071906)		
466981.85	3760935.68	0.17555	(21061403)	467001.85
3760935.68	0.12890	(20082205)		
467201.85	3760935.68	0.21499	(23101814)	467221.85
3760935.68	0.12731	(22070106)		
467241.85	3760935.68	0.11395	(23072622)	467261.85
3760935.68	0.10301	(23072622)		
467281.85	3760935.68	0.09836	(23072622)	467301.85
3760935.68	0.09526	(23072806)		
467321.85	3760935.68	0.09143	(19061104)	467341.85
3760935.68	0.08816	(19061104)		
467361.85	3760935.68	0.08506	(23072806)	467381.85
3760935.68	0.08216	(23080724)		
466821.85	3760955.68	0.09536	(20080306)	466841.85
3760955.68	0.10029	(20080306)		
466861.85	3760955.68	0.10397	(20080306)	466881.85
3760955.68	0.10754	(20080306)		
466901.85	3760955.68	0.11062	(21100921)	466921.85
3760955.68	0.11556	(22071906)		
466941.85	3760955.68	0.11895	(20081502)	466961.85
3760955.68	0.12525	(21082701)		
466981.85	3760955.68	0.16412	(19082102)	467001.85
3760955.68	0.11734	(23031307)		
467201.85	3760955.68	0.28371	(23061711)	467221.85
3760955.68	0.14334	(20012513)		
467241.85	3760955.68	0.10582	(22071606)	467261.85
3760955.68	0.10377	(21061624)		
467281.85	3760955.68	0.10433	(23072622)	467301.85
3760955.68	0.09983	(23072622)		
467321.85	3760955.68	0.09297	(23072622)	467341.85
3760955.68	0.09033	(23072806)		
467361.85	3760955.68	0.08838	(23072806)	467381.85
3760955.68	0.08557	(19061104)		
466821.85	3760975.68	0.09599	(20080306)	466841.85
3760975.68	0.09817	(20080306)		
466861.85	3760975.68	0.10200	(20081502)	466881.85
3760975.68	0.10619	(20081502)		
466901.85	3760975.68	0.10933	(20072906)	466921.85

3760975.68	0.11299	(22071906)	
466941.85	3760975.68	0.11670	(22081105)
3760975.68	0.11877	(21082701)	466961.85
466981.85	3760975.68	0.14040	(19082102)
3760975.68	0.11156	(23031307)	467001.85
467201.85	3760975.68	0.16176	(19101810)
3760975.68	0.11713	(21022012)	467221.85
467241.85	3760975.68	0.10490	(19081501)
3760975.68	0.10764	(19081501)	467261.85
467281.85	3760975.68	0.10473	(19081306)
3760975.68	0.09870	(21061624)	467301.85
467321.85	3760975.68	0.09694	(23072622)
3760975.68	0.09264	(23072622)	467341.85
467361.85	3760975.68	0.08881	(20082505)
3760975.68	0.08595	(23072806)	467381.85
466821.85	3760995.68	0.09446	(20081502)
3760995.68	0.09752	(22071906)	466841.85
466861.85	3760995.68	0.10013	(20072906)
3760995.68	0.10385	(22071906)	466881.85
466901.85	3760995.68	0.10676	(21082701)
3760995.68	0.11002	(20070503)	466921.85
466941.85	3760995.68	0.11234	(22081105)
3760995.68	0.11261	(20091501)	466961.85
466981.85	3760995.68	0.11214	(20091501)
3760995.68	0.12637	(21061403)	467001.85

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*** AERMET - VERSION 22112 *** *** Period Average DPM Project Operations

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

		INCLUDING SOURCE(S):	A0000023	, A0000024	,
A0000025	, A0000026	, A0000027	,		
	A0000028	, A0000029	, A0000030	, A0000031	, A0000032
A0000033	, A0000034	, A0000035	,		
	A0000036	, A0000037	, A0000038	, EMGEN	, FIREPUMP
A0000016	, A0000017	, A0000018	,		
	A0000019	, A0000020	, A0000021	, A0000022	, ID11
ID12	, ID13	, . . .	,		
*** 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)			

467021.85	3760995.68	0.11499	(21061403)	467041.85
3760995.68	0.10224	(21061403)		
467061.85	3760995.68	0.08064	(21061403)	467081.85
3760995.68	0.08068	(21061403)		
467101.85	3760995.68	0.08194	(23031307)	467121.85
3760995.68	0.08267	(22060103)		
467141.85	3760995.68	0.08255	(21091301)	467161.85
3760995.68	0.08333	(23071103)		
467181.85	3760995.68	0.09602	(19020111)	467201.85
3760995.68	0.09551	(23082008)		
467221.85	3760995.68	0.09090	(22092522)	467241.85
3760995.68	0.09722	(19100904)		
467261.85	3760995.68	0.10326	(19100904)	467281.85
3760995.68	0.10366	(19100904)		
467301.85	3760995.68	0.10180	(22071606)	467321.85
3760995.68	0.09739	(22071606)		
467341.85	3760995.68	0.09136	(19080901)	467361.85
3760995.68	0.09097	(23072622)		
467381.85	3760995.68	0.08751	(23072622)	466821.85
3761015.68	0.09263	(22071906)		
466841.85	3761015.68	0.09583	(22071906)	466861.85
3761015.68	0.09801	(22071906)		
466881.85	3761015.68	0.10198	(22081105)	466901.85
3761015.68	0.10435	(20091501)		
466921.85	3761015.68	0.10601	(22081105)	466941.85
3761015.68	0.10633	(20091501)		
466961.85	3761015.68	0.10236	(20091501)	466981.85
3761015.68	0.09541	(20091501)		
467001.85	3761015.68	0.09678	(19082904)	467021.85
3761015.68	0.11314	(23060104)		
467041.85	3761015.68	0.10217	(22060103)	467061.85
3761015.68	0.09994	(21091301)		
467081.85	3761015.68	0.10151	(21091301)	467101.85
3761015.68	0.09030	(19110623)		
467121.85	3761015.68	0.09098	(22081002)	467141.85
3761015.68	0.08468	(22062606)		
467161.85	3761015.68	0.07329	(20092206)	467181.85
3761015.68	0.06325	(19020111)		
467201.85	3761015.68	0.07841	(23092507)	467221.85
3761015.68	0.08767	(23092507)		
467241.85	3761015.68	0.09159	(21052606)	467261.85
3761015.68	0.09324	(21052606)		
467281.85	3761015.68	0.09667	(19100904)	467301.85
3761015.68	0.09736	(22071606)		
467321.85	3761015.68	0.09758	(22091503)	467341.85
3761015.68	0.09594	(22071606)		
467361.85	3761015.68	0.09176	(22071606)	467381.85
3761015.68	0.08658	(19080901)		
466821.85	3761035.68	0.09101	(22071906)	466841.85
3761035.68	0.09431	(21082701)		
466861.85	3761035.68	0.09701	(22081606)	466881.85
3761035.68	0.09874	(22081105)		
466901.85	3761035.68	0.10002	(20091501)	466921.85
3761035.68	0.09968	(20091501)		
466941.85	3761035.68	0.09560	(20091501)	466961.85

3761035.68	0.08961	(19081405)	
466981.85	3761035.68	0.08886	(19082904) 467001.85
3761035.68	0.08764	(19082904)	
467021.85	3761035.68	0.08765	(19082904) 467041.85
3761035.68	0.10184	(20092224)	
467061.85	3761035.68	0.10223	(23102405) 467081.85
3761035.68	0.09631	(23102405)	
467101.85	3761035.68	0.08949	(19111424) 467121.85
3761035.68	0.08377	(19111424)	
467141.85	3761035.68	0.07955	(22062606) 467161.85
3761035.68	0.06582	(20092206)	
467181.85	3761035.68	0.05546	(21100907) 467201.85
3761035.68	0.06633	(23092507)	
467221.85	3761035.68	0.07862	(23092507) 467241.85
3761035.68	0.08094	(22080106)	
467261.85	3761035.68	0.08880	(21052606) 467281.85
3761035.68	0.09027	(21052606)	
467301.85	3761035.68	0.09048	(19100904) 467321.85
3761035.68	0.09197	(19100904)	
467341.85	3761035.68	0.09363	(19100904) 467361.85
3761035.68	0.09306	(22071606)	
467381.85	3761035.68	0.08953	(22071606) 466821.85
3761055.68	0.09038	(22081105)	
466841.85	3761055.68	0.09237	(20091501) 466861.85
3761055.68	0.09375	(22081105)	

*** AERMOD - VERSION 24142 *** *** Massachusetts Avenue

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*** AERMET - VERSION 22112 *** *** Period Average DPM Project Operations

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

		INCLUDING SOURCE(S):	A0000023	, A0000024	,
A0000025	, A0000026	, A0000027	,		
	A0000028	, A0000029	, A0000030	, A0000031	, A0000032
A0000033	, A0000034	, A0000035	,		
	A0000036	, A0000037	, A0000038	, EMGEN	, FIREPUMP
A0000016	, A0000017	, A0000018	,		
	A0000019	, A0000020	, A0000021	, A0000022	, ID11
ID12	, ID13	, . . .	,		

*** 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)			

466881.85	3761055.68	0.09520	(20091501)	466901.85
3761055.68	0.09326	(20091501)		
466921.85	3761055.68	0.08844	(20091501)	466941.85
3761055.68	0.08559	(19081405)		
466961.85	3761055.68	0.08511	(19082904)	466981.85
3761055.68	0.08372	(19082904)		
467001.85	3761055.68	0.07986	(19082904)	467021.85
3761055.68	0.07453	(20092224)		
467041.85	3761055.68	0.07658	(23102405)	467061.85
3761055.68	0.07901	(23102405)		
467081.85	3761055.68	0.08313	(23102405)	467101.85
3761055.68	0.07646	(19111424)		
467121.85	3761055.68	0.07509	(19111424)	467141.85
3761055.68	0.06533	(20092206)		
467161.85	3761055.68	0.05742	(20092206)	467181.85
3761055.68	0.05099	(21100907)		
467201.85	3761055.68	0.05706	(20102105)	467221.85
3761055.68	0.06752	(20102105)		
467241.85	3761055.68	0.07524	(22080106)	467261.85
3761055.68	0.07874	(21052606)		
467281.85	3761055.68	0.08704	(21052606)	467301.85
3761055.68	0.08713	(21052606)		
467321.85	3761055.68	0.08345	(19100904)	467341.85
3761055.68	0.08705	(19100904)		
467361.85	3761055.68	0.08770	(22071606)	467381.85
3761055.68	0.08757	(22091503)		
466821.85	3761075.68	0.08829	(20091501)	466841.85
3761075.68	0.08907	(20091501)		
466861.85	3761075.68	0.08954	(20091501)	466881.85
3761075.68	0.08732	(20091501)		
466901.85	3761075.68	0.08264	(20091501)	466921.85
3761075.68	0.08203	(19081405)		
466941.85	3761075.68	0.08063	(19082904)	466961.85
3761075.68	0.07960	(19082904)		
466981.85	3761075.68	0.07638	(19082904)	467001.85
3761075.68	0.07216	(19050306)		
467021.85	3761075.68	0.07304	(23102405)	467041.85
3761075.68	0.07221	(23102405)		
467061.85	3761075.68	0.06876	(23102405)	467081.85
3761075.68	0.06539	(19111424)		
467101.85	3761075.68	0.06436	(19111424)	467121.85
3761075.68	0.06378	(22042902)		
467141.85	3761075.68	0.06005	(20092206)	467161.85
3761075.68	0.04870	(23013019)		
467181.85	3761075.68	0.04774	(19122605)	467201.85
3761075.68	0.05076	(23070206)		
467221.85	3761075.68	0.06058	(23070206)	467241.85
3761075.68	0.06744	(20102105)		
467261.85	3761075.68	0.07292	(22080106)	467281.85
3761075.68	0.07627	(21052606)		
467301.85	3761075.68	0.08225	(21052606)	467321.85
3761075.68	0.08213	(21052606)		
467341.85	3761075.68	0.07941	(20071306)	467361.85
3761075.68	0.08126	(19100904)		
467381.85	3761075.68	0.08182	(19100904)	466821.85

3761095.68	0.08527	(20091501)	
466841.85	3761095.68	0.08456	(20091501) 466861.85
3761095.68	0.08137	(20091501)	
466881.85	3761095.68	0.07830	(20090702) 466901.85
3761095.68	0.07921	(19081405)	
466921.85	3761095.68	0.07716	(19102624) 466941.85
3761095.68	0.07589	(19082904)	
466961.85	3761095.68	0.07254	(19082904) 466981.85
3761095.68	0.07065	(23102022)	
467001.85	3761095.68	0.07012	(23102405) 467021.85
3761095.68	0.06981	(23102405)	
467041.85	3761095.68	0.06666	(23102405) 467061.85
3761095.68	0.06186	(20080806)	
467081.85	3761095.68	0.06275	(22092902) 467101.85
3761095.68	0.06013	(22090504)	
467121.85	3761095.68	0.06030	(22090605) 467141.85
3761095.68	0.05468	(20092206)	
467161.85	3761095.68	0.04821	(23013019) 467181.85
3761095.68	0.04645	(22022319)	
467201.85	3761095.68	0.04725	(21122805) 467221.85
3761095.68	0.05320	(23070206)	
467241.85	3761095.68	0.06124	(23070206) 467261.85
3761095.68	0.06612	(22080106)	
467281.85	3761095.68	0.07057	(22080106) 467301.85
3761095.68	0.07272	(21052606)	

*** AERMOD - VERSION 24142 *** *** Massachusetts Avenue

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*** AERMET - VERSION 22112 *** *** Period Average DPM Project Operations

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

		INCLUDING SOURCE(S):	A0000023	, A0000024	,
A0000025	, A0000026	, A0000027	,		
	A0000028	, A0000029	, A0000030	, A0000031	, A0000032
A0000033	, A0000034	, A0000035	,		
	A0000036	, A0000037	, A0000038	, EMGEN	, FIREPUMP
A0000016	, A0000017	, A0000018	,		
	A0000019	, A0000020	, A0000021	, A0000022	, ID11
ID12	, ID13	, . . .	,		
*** 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)			

467321.85	3761095.68	0.07798	(21052606)	467341.85
3761095.68	0.07849	(21052606)		
467361.85	3761095.68	0.07528	(21052606)	467381.85
3761095.68	0.07507	(19100904)		
466821.85	3761115.68	0.07992	(20091501)	466841.85
3761115.68	0.07637	(20091501)		
466861.85	3761115.68	0.07509	(20090702)	466881.85
3761115.68	0.07581	(19081405)		
466901.85	3761115.68	0.07448	(19102624)	466921.85
3761115.68	0.07312	(19102624)		
466941.85	3761115.68	0.06960	(19082904)	466961.85
3761115.68	0.06781	(22080604)		
466981.85	3761115.68	0.06779	(19050306)	467001.85
3761115.68	0.06758	(23102405)		
467021.85	3761115.68	0.06517	(23102405)	467041.85
3761115.68	0.06055	(23102405)		
467061.85	3761115.68	0.06019	(22092902)	467081.85
3761115.68	0.05909	(22092902)		
467101.85	3761115.68	0.05850	(19022522)	467121.85
3761115.68	0.05671	(22090605)		
467141.85	3761115.68	0.05216	(23013019)	467161.85
3761115.68	0.04693	(23013019)		
467181.85	3761115.68	0.04336	(22022319)	467201.85
3761115.68	0.04495	(19122605)		
467221.85	3761115.68	0.04672	(23070206)	467241.85
3761115.68	0.05489	(23070206)		
467261.85	3761115.68	0.06061	(23070206)	467281.85
3761115.68	0.06469	(22080106)		
467301.85	3761115.68	0.06727	(22080106)	467321.85
3761115.68	0.06961	(21052606)		
467341.85	3761115.68	0.07393	(21052606)	467361.85
3761115.68	0.07420	(21052606)		
467381.85	3761115.68	0.07155	(21052606)	466821.85
3761135.68	0.07120	(20091501)		
466841.85	3761135.68	0.07243	(20090702)	466861.85
3761135.68	0.07278	(19081405)		
466881.85	3761135.68	0.07131	(19102624)	466901.85
3761135.68	0.07078	(19102624)		
466921.85	3761135.68	0.06730	(19102624)	466941.85
3761135.68	0.06589	(23083102)		
466961.85	3761135.68	0.06584	(23102022)	466981.85
3761135.68	0.06697	(23102405)		
467001.85	3761135.68	0.06833	(23102405)	467021.85
3761135.68	0.06433	(23102405)		
467041.85	3761135.68	0.06071	(20080806)	467061.85
3761135.68	0.06100	(22092902)		
467081.85	3761135.68	0.05833	(19052106)	467101.85
3761135.68	0.05949	(22090605)		
467121.85	3761135.68	0.05637	(22090605)	467141.85
3761135.68	0.05195	(23013019)		
467161.85	3761135.68	0.04756	(23013019)	467181.85
3761135.68	0.04315	(23072206)		
467201.85	3761135.68	0.04324	(19122605)	467221.85
3761135.68	0.04443	(21122805)		
467241.85	3761135.68	0.04761	(23070206)	467261.85

3761135.68	0.05416	(23070206)	
467281.85	3761135.68	0.05851	(23070206) 467301.85
3761135.68	0.06229	(22080106)	
467321.85	3761135.68	0.06380	(22080106) 467341.85
3761135.68	0.06608	(21052606)	
467361.85	3761135.68	0.07045	(21052606) 467381.85
3761135.68	0.07073	(21052606)	
466821.85	3761155.68	0.06936	(20090702) 466841.85
3761155.68	0.07026	(19081405)	
466861.85	3761155.68	0.06875	(19081405) 466881.85
3761155.68	0.06820	(19102624)	
466901.85	3761155.68	0.06553	(19102624) 466921.85
3761155.68	0.06419	(23083102)	
466941.85	3761155.68	0.06599	(23102022) 466961.85
3761155.68	0.06791	(23102022)	
466981.85	3761155.68	0.06615	(23102405) 467001.85
3761155.68	0.06185	(23102405)	
467021.85	3761155.68	0.05809	(22092902) 467041.85
3761155.68	0.05881	(22092902)	
467061.85	3761155.68	0.05696	(22092902) 467081.85
3761155.68	0.05581	(19022522)	
467101.85	3761155.68	0.05673	(22090605) 467121.85
3761155.68	0.05229	(22090605)	
467141.85	3761155.68	0.05058	(21121401) 467161.85
3761155.68	0.04713	(21121401)	

*** AERMOD - VERSION 24142 *** *** Massachusetts Avenue

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*** AERMET - VERSION 22112 *** *** Period Average DPM Project Operations

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

		INCLUDING SOURCE(S):	A0000023	, A0000024	,
A0000025	, A0000026	, A0000027	,		
	A0000028	, A0000029	, A0000030	, A0000031	, A0000032
A0000033	, A0000034	, A0000035	,		
	A0000036	, A0000037	, A0000038	, EMGEN	, FIREPUMP
A0000016	, A0000017	, A0000018	,		
	A0000019	, A0000020	, A0000021	, A0000022	, ID11
ID12	, ID13	, . . .	,		
*** 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)			

467181.85	3761155.68	0.04050	(23090104)	467201.85
3761155.68	0.04130	(19011708)		
467221.85	3761155.68	0.04223	(21122805)	467241.85
3761155.68	0.04246	(21012422)		
467261.85	3761155.68	0.04761	(23070206)	467281.85
3761155.68	0.05374	(23070206)		
467301.85	3761155.68	0.05682	(23070206)	467321.85
3761155.68	0.06011	(22080106)		
467341.85	3761155.68	0.06061	(22080106)	467361.85
3761155.68	0.06329	(21052606)		
467381.85	3761155.68	0.06719	(21052606)	466821.85
3761175.68	0.06762	(19081405)		
466841.85	3761175.68	0.06626	(19081405)	466861.85
3761175.68	0.06625	(19102624)		
466881.85	3761175.68	0.06405	(19102624)	466901.85
3761175.68	0.06319	(23083102)		
466921.85	3761175.68	0.06763	(22080604)	466941.85
3761175.68	0.06597	(23102022)		
466961.85	3761175.68	0.06352	(23102022)	466981.85
3761175.68	0.05947	(23102405)		
467001.85	3761175.68	0.05517	(22050606)	467021.85
3761175.68	0.05573	(22092902)		
467041.85	3761175.68	0.05565	(22092902)	467061.85
3761175.68	0.05346	(19052106)		
467081.85	3761175.68	0.05410	(19022522)	467101.85
3761175.68	0.05282	(22090605)		
467121.85	3761175.68	0.04870	(23010419)	467141.85
3761175.68	0.04867	(21121401)		
467161.85	3761175.68	0.04576	(21121401)	467181.85
3761175.68	0.03949	(23090104)		
467201.85	3761175.68	0.03926	(19011708)	467221.85
3761175.68	0.03910	(21122805)		
467241.85	3761175.68	0.04059	(21122805)	467261.85
3761175.68	0.04255	(23070206)		
467281.85	3761175.68	0.04893	(23070206)	467301.85
3761175.68	0.05320	(23070206)		
467321.85	3761175.68	0.05550	(22080106)	467341.85
3761175.68	0.05798	(22080106)		
467361.85	3761175.68	0.05765	(22080106)	467381.85
3761175.68	0.06049	(21052606)		
466771.85	3760235.68	0.06028	(23010905)	466821.85
3760235.68	0.06309	(21021220)		
466871.85	3760235.68	0.06520	(23101920)	466921.85
3760235.68	0.06657	(20031920)		
466971.85	3760235.68	0.06700	(23090502)	467021.85
3760235.68	0.06896	(23102307)		
467071.85	3760235.68	0.07275	(21090902)	467121.85
3760235.68	0.07362	(20081424)		
467171.85	3760235.68	0.07143	(21062704)	467221.85
3760235.68	0.06588	(20081701)		
467271.85	3760235.68	0.06456	(20101005)	467321.85
3760235.68	0.06131	(22081505)		
467371.85	3760235.68	0.05868	(23042803)	467421.85
3760235.68	0.05763	(20081503)		
467471.85	3760235.68	0.05327	(19082122)	467521.85

3760235.68	0.05010	(22100802)	
467571.85	3760235.68	0.04163	(19092302) 467621.85
3760235.68	0.03856	(20082602)	
467671.85	3760235.68	0.03500	(20101724) 466771.85
3760285.68	0.06843	(20081406)	
466821.85	3760285.68	0.07223	(19062903) 466871.85
3760285.68	0.07283	(20102307)	
466921.85	3760285.68	0.07709	(20082704) 466971.85
3760285.68	0.07595	(22062204)	
467021.85	3760285.68	0.07696	(22080802) 467071.85
3760285.68	0.08166	(20071902)	
467121.85	3760285.68	0.08211	(20081424) 467171.85
3760285.68	0.07895	(21062704)	
467221.85	3760285.68	0.07231	(20010919) 467271.85
3760285.68	0.07101	(20091019)	
467321.85	3760285.68	0.06827	(19071502) 467371.85
3760285.68	0.06665	(19091724)	
467421.85	3760285.68	0.06389	(19082122) 467471.85
3760285.68	0.06047	(23071204)	
467521.85	3760285.68	0.05224	(22100802) 467571.85
3760285.68	0.04689	(20082602)	
467621.85	3760285.68	0.04247	(20101724) 467671.85
3760285.68	0.03793	(19082402)	
466771.85	3760335.68	0.07566	(20090501) 466821.85
3760335.68	0.07966	(19052503)	

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

		INCLUDING SOURCE(S):	A0000023	, A0000024	,
A0000025	, A0000026	, A0000027	,		
	A0000028	, A0000029	, A0000030	, A0000031	, A0000032
A0000033	, A0000034	, A0000035	,		
	A0000036	, A0000037	, A0000038	, EMGEN	, FIREPUMP
A0000016	, A0000017	, A0000018	,		
	A0000019	, A0000020	, A0000021	, A0000022	, ID11
ID12	, ID13	, . . .	,		
*** 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)			

466871.85	3760335.68	0.08310	(22072104)	466921.85
3760335.68	0.08441	(20082704)		
466971.85	3760335.68	0.08715	(19042323)	467021.85
3760335.68	0.08671	(22081024)		
467071.85	3760335.68	0.09081	(20071902)	467121.85
3760335.68	0.09068	(20081424)		
467171.85	3760335.68	0.08608	(21062704)	467221.85
3760335.68	0.08110	(19091522)		
467271.85	3760335.68	0.07897	(20091019)	467321.85
3760335.68	0.07567	(22081501)		
467371.85	3760335.68	0.07492	(20081503)	467421.85
3760335.68	0.07125	(23071204)		
467471.85	3760335.68	0.06454	(22100802)	467521.85
3760335.68	0.05615	(20082602)		
467571.85	3760335.68	0.05098	(20101724)	467621.85
3760335.68	0.04604	(19082402)		
467671.85	3760335.68	0.03966	(23072801)	466771.85
3760385.68	0.08020	(20111805)		
466821.85	3760385.68	0.08998	(20081406)	466871.85
3760385.68	0.09345	(20070623)		
466921.85	3760385.68	0.09248	(21032605)	466971.85
3760385.68	0.09562	(19042323)		
467021.85	3760385.68	0.09565	(22081024)	467071.85
3760385.68	0.09936	(20071902)		
467121.85	3760385.68	0.09889	(20081424)	467171.85
3760385.68	0.09318	(20081705)		
467221.85	3760385.68	0.08957	(19091522)	467271.85
3760385.68	0.08539	(19071502)		
467321.85	3760385.68	0.08384	(19091724)	467371.85
3760385.68	0.08176	(19082122)		
467421.85	3760385.68	0.07761	(22100802)	467471.85
3760385.68	0.06585	(20082602)		
467521.85	3760385.68	0.06063	(23082506)	467571.85
3760385.68	0.05524	(19082402)		
467621.85	3760385.68	0.04767	(23072801)	467671.85
3760385.68	0.04280	(23082201)		
466771.85	3760435.68	0.08185	(20110124)	466821.85
3760435.68	0.09545	(23072405)		
466871.85	3760435.68	0.10091	(19052503)	466921.85
3760435.68	0.10517	(22072104)		
466971.85	3760435.68	0.10742	(20082704)	467021.85
3760435.68	0.10280	(22080101)		
467071.85	3760435.68	0.10719	(20071902)	467121.85
3760435.68	0.10688	(20081424)		
467171.85	3760435.68	0.10085	(19072501)	467221.85
3760435.68	0.09667	(22082505)		
467271.85	3760435.68	0.09254	(22081501)	467321.85
3760435.68	0.09334	(20081503)		
467371.85	3760435.68	0.09083	(23071204)	467421.85
3760435.68	0.07710	(22100802)		
467471.85	3760435.68	0.07135	(23082506)	467521.85
3760435.68	0.06534	(19082402)		
467571.85	3760435.68	0.05657	(23072801)	467621.85
3760435.68	0.05140	(23082201)		
467671.85	3760435.68	0.04748	(20090422)	466771.85

3760485.68	0.08869	(23083106)	
466821.85	3760485.68	0.09441	(20061304)
3760485.68	0.11038	(20081406)	466871.85
466921.85	3760485.68	0.11674	(20070623)
3760485.68	0.11401	(23102806)	466971.85
467021.85	3760485.68	0.11477	(19042323)
3760485.68	0.11418	(20071902)	467071.85
467121.85	3760485.68	0.11490	(20081424)
3760485.68	0.10858	(19072501)	467171.85
467221.85	3760485.68	0.10370	(20091019)
3760485.68	0.10096	(23042803)	467271.85
467321.85	3760485.68	0.10114	(21061003)
3760485.68	0.09225	(22100802)	467371.85
467421.85	3760485.68	0.08222	(23082506)
3760485.68	0.07612	(19082402)	467471.85
467521.85	3760485.68	0.06623	(22100801)
3760485.68	0.06062	(23082201)	467571.85
467621.85	3760485.68	0.05598	(20090422)
3760485.68	0.04799	(19091123)	467671.85
466771.85	3760535.68	0.09170	(23072505)
3760535.68	0.08691	(19082402)	467421.85
467471.85	3760535.68	0.07647	(23082201)
3760535.68	0.07130	(20090422)	467521.85
467571.85	3760535.68	0.06435	(20090422)
3760535.68	0.05725	(19091123)	467621.85

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

		INCLUDING SOURCE(S):	A0000023	, A0000024	,
A0000025	, A0000026	, A0000027	,		
	A0000028	, A0000029	, A0000030	, A0000031	, A0000032
A0000033	, A0000034	, A0000035	,		
	A0000036	, A0000037	, A0000038	, EMGEN	, FIREPUMP
A0000016	, A0000017	, A0000018	,		
	A0000019	, A0000020	, A0000021	, A0000022	, ID11
ID12	, ID13	, . . .	,		

*** 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)			

467671.85	3760535.68	0.05216	(22082506)	466771.85
3760585.68	0.09536	(21091124)		
467421.85	3760585.68	0.08709	(23082201)	467471.85
3760585.68	0.08167	(20090422)		
467521.85	3760585.68	0.07412	(19091123)	467571.85
3760585.68	0.06742	(22082506)		
467621.85	3760585.68	0.06006	(19081424)	467671.85
3760585.68	0.05387	(22070904)		
466771.85	3760635.68	0.09849	(20081306)	467421.85
3760635.68	0.09076	(20052624)		
467471.85	3760635.68	0.08493	(19091123)	467521.85
3760635.68	0.07527	(19081424)		
467571.85	3760635.68	0.06823	(22070904)	467621.85
3760635.68	0.05694	(22070904)		
467671.85	3760635.68	0.05109	(19083001)	466771.85
3760685.68	0.09926	(19110818)		
467421.85	3760685.68	0.09686	(21100901)	467471.85
3760685.68	0.08371	(22070904)		
467521.85	3760685.68	0.07156	(22070904)	467571.85
3760685.68	0.06524	(19062902)		
467621.85	3760685.68	0.06024	(19061021)	467671.85
3760685.68	0.05662	(19061021)		
466771.85	3760735.68	0.09417	(21082601)	467421.85
3760735.68	0.08939	(21090304)		
467471.85	3760735.68	0.08646	(19061021)	467521.85
3760735.68	0.08167	(21080224)		
467571.85	3760735.68	0.07739	(19061021)	467621.85
3760735.68	0.07113	(19061021)		
467671.85	3760735.68	0.06448	(21080224)	466771.85
3760785.68	0.09254	(20092905)		
467421.85	3760785.68	0.07920	(19061021)	467471.85
3760785.68	0.07176	(19061021)		
467521.85	3760785.68	0.06321	(21080224)	467571.85
3760785.68	0.05465	(21080224)		
467621.85	3760785.68	0.04661	(21073123)	467671.85
3760785.68	0.04289	(21073123)		
466771.85	3760835.68	0.08189	(21082602)	467421.85
3760835.68	0.06305	(23090923)		
467471.85	3760835.68	0.05923	(23090923)	467521.85
3760835.68	0.05529	(23090923)		
467571.85	3760835.68	0.05078	(23090923)	467621.85
3760835.68	0.04626	(22071624)		
467671.85	3760835.68	0.04234	(22071624)	466771.85
3760885.68	0.07794	(23072506)		
467421.85	3760885.68	0.06646	(22120108)	467471.85
3760885.68	0.06112	(22120108)		
467521.85	3760885.68	0.05591	(22120108)	467571.85
3760885.68	0.05077	(22120108)		
467621.85	3760885.68	0.04601	(22120108)	467671.85
3760885.68	0.04179	(22120108)		
466771.85	3760935.68	0.07751	(20082206)	467421.85
3760935.68	0.07652	(19061104)		
467471.85	3760935.68	0.06763	(19061104)	467521.85
3760935.68	0.06075	(19050606)		
467571.85	3760935.68	0.05511	(23040823)	467621.85

3760935.68	0.04971	(23040823)	
467671.85	3760935.68	0.04444	(23040823) 466771.85
3760985.68	0.08805	(20080306)	
467421.85	3760985.68	0.08111	(23072806) 467471.85
3760985.68	0.07440	(23072806)	
467521.85	3760985.68	0.06791	(23072806) 467571.85
3760985.68	0.06168	(19061104)	
467621.85	3760985.68	0.05443	(19061104) 467671.85
3760985.68	0.04729	(19061104)	
466771.85	3761035.68	0.08621	(22071906) 467421.85
3761035.68	0.08068	(19080901)	
467471.85	3761035.68	0.07480	(19010708) 467521.85
3761035.68	0.06683	(20082505)	
467571.85	3761035.68	0.06149	(23072806) 467621.85
3761035.68	0.05635	(23072806)	
467671.85	3761035.68	0.05128	(23072806) 466771.85
3761085.68	0.08125	(22081105)	
467421.85	3761085.68	0.07979	(22091503) 467471.85
3761085.68	0.07430	(23052806)	
467521.85	3761085.68	0.06710	(19010708) 467571.85
3761085.68	0.06314	(19010708)	
467621.85	3761085.68	0.05419	(20092706) 467671.85
3761085.68	0.04921	(20082505)	
466771.85	3761135.68	0.07600	(20091501) 467421.85
3761135.68	0.06698	(20071306)	

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*** AERMET - VERSION 22112 *** *** Period Average DPM Project Operations

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

		INCLUDING SOURCE(S):	A0000023	, A0000024	,
A0000025	, A0000026	, A0000027	,		
	A0000028	, A0000029	, A0000030	, A0000031	, A0000032
A0000033	, A0000034	, A0000035	,		
	A0000036	, A0000037	, A0000038	, EMGEN	, FIREPUMP
A0000016	, A0000017	, A0000018	,		
	A0000019	, A0000020	, A0000021	, A0000022	, ID11
ID12	, ID13	, . . .	,		

*** 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)			

467471.85	3761135.68	0.06763	(19100904)	467521.85
3761135.68	0.06731	(22071606)		
467571.85	3761135.68	0.06156	(23052806)	467621.85
3761135.68	0.05550	(19010708)		
467671.85	3761135.68	0.05127	(19010708)	466771.85
3761185.68	0.06373	(20090702)		
466821.85	3761185.68	0.06554	(19081405)	466871.85
3761185.68	0.06331	(19102624)		
466921.85	3761185.68	0.06690	(23102022)	466971.85
3761185.68	0.05892	(23102022)		
467021.85	3761185.68	0.05496	(22092902)	467071.85
3761185.68	0.05289	(22122219)		
467121.85	3761185.68	0.04822	(23010419)	467171.85
3761185.68	0.04253	(21121401)		
467221.85	3761185.68	0.03763	(19122605)	467271.85
3761185.68	0.04312	(23070206)		
467321.85	3761185.68	0.05416	(23070206)	467371.85
3761185.68	0.05640	(22080106)		
467421.85	3761185.68	0.06352	(21052606)	467471.85
3761185.68	0.06025	(20071306)		
467521.85	3761185.68	0.05803	(19100904)	467571.85
3761185.68	0.05638	(22091503)		
467621.85	3761185.68	0.05093	(22071606)	467671.85
3761185.68	0.04770	(23052806)		
466771.85	3761235.68	0.05964	(19081405)	466821.85
3761235.68	0.05811	(19081405)		
466871.85	3761235.68	0.05846	(23083102)	466921.85
3761235.68	0.05663	(23102022)		
466971.85	3761235.68	0.04924	(23072624)	467021.85
3761235.68	0.04882	(22092902)		
467071.85	3761235.68	0.04892	(22090605)	467121.85
3761235.68	0.04566	(23010419)		
467171.85	3761235.68	0.04147	(21121401)	467221.85
3761235.68	0.03496	(19011708)		
467271.85	3761235.68	0.03872	(21012422)	467321.85
3761235.68	0.04579	(23070206)		
467371.85	3761235.68	0.05272	(22080106)	467421.85
3761235.68	0.05339	(22080106)		
467471.85	3761235.68	0.05674	(21052606)	467521.85
3761235.68	0.04871	(22091403)		
467571.85	3761235.68	0.04555	(20071306)	467621.85
3761235.68	0.04636	(22072006)		
467671.85	3761235.68	0.04390	(22072006)	466771.85
3761285.68	0.05049	(19081405)		
466821.85	3761285.68	0.05143	(23083102)	466871.85
3761285.68	0.05177	(23102022)		
466921.85	3761285.68	0.04526	(23102022)	466971.85
3761285.68	0.04549	(22092902)		
467021.85	3761285.68	0.04378	(19052106)	467071.85
3761285.68	0.04312	(22090605)		
467121.85	3761285.68	0.04097	(23010419)	467171.85
3761285.68	0.03886	(21121401)		
467221.85	3761285.68	0.03304	(21122017)	467271.85
3761285.68	0.03707	(21122805)		
467321.85	3761285.68	0.03746	(21012422)	467371.85

3761285.68	0.04469	(23070206)	
467421.85	3761285.68	0.04758	(22080106) 467471.85
3761285.68	0.04482	(21052606)	
467521.85	3761285.68	0.04550	(21052606) 467571.85
3761285.68	0.04194	(20071201)	
467621.85	3761285.68	0.03886	(20091521) 467671.85
3761285.68	0.03952	(22072006)	
467721.85	3760235.68	0.03105	(21060504) 467821.85
3760235.68	0.02450	(23072801)	
467921.85	3760235.68	0.02239	(20090422) 468021.85
3760235.68	0.01920	(20090422)	
468121.85	3760235.68	0.01788	(22092102) 468221.85
3760235.68	0.01747	(19122918)	
467721.85	3760335.68	0.03517	(21070605) 467821.85
3760335.68	0.04652	(20052624)	
467921.85	3760335.68	0.03609	(19091123) 468021.85
3760335.68	0.03350	(22071604)	
468121.85	3760335.68	0.03150	(19081424) 468221.85
3760335.68	0.03069	(23071701)	
467721.85	3760435.68	0.04141	(20090422) 467821.85
3760435.68	0.04602	(21100901)	
467921.85	3760435.68	0.03010	(19122918) 468021.85
3760435.68	0.02374	(20021321)	
468121.85	3760435.68	0.01915	(22011623) 468221.85
3760435.68	0.01645	(23122118)	

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

		INCLUDING SOURCE(S):		A0000023	, A0000024 ,
A0000025	, A0000026	, A0000027	,		
	A0000028	, A0000029	, A0000030	, A0000031	, A0000032 ,
A0000033	, A0000034	, A0000035	,		
	A0000036	, A0000037	, A0000038	, EMGEN	, FIREPUMP ,
A0000016	, A0000017	, A0000018	,		
	A0000019	, A0000020	, A0000021	, A0000022	, ID11 ,
ID12	, ID13	, . . .	,		
*** 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)			

467721.85	3760535.68	0.04669	(19081424)	467821.85
3760535.68	0.04683	(23071701)		
467921.85	3760535.68	0.03137	(19082924)	468021.85
3760535.68	0.02519	(22010806)		
468121.85	3760535.68	0.02087	(21120718)	468221.85
3760535.68	0.01751	(19120517)		
467721.85	3760635.68	0.04725	(20081924)	467821.85
3760635.68	0.05103	(19061021)		
467921.85	3760635.68	0.03402	(23010919)	468021.85
3760635.68	0.02623	(23010919)		
468121.85	3760635.68	0.01998	(23010919)	468221.85
3760635.68	0.01678	(21011017)		
467721.85	3760735.68	0.05798	(21080224)	467821.85
3760735.68	0.04394	(21073123)		
467921.85	3760735.68	0.02899	(19120806)	468021.85
3760735.68	0.02298	(19011818)		
468121.85	3760735.68	0.01910	(19011818)	468221.85
3760735.68	0.01617	(19011818)		
467721.85	3760835.68	0.03833	(22071624)	467821.85
3760835.68	0.03076	(22071624)		
467921.85	3760835.68	0.02460	(22071624)	468021.85
3760835.68	0.02104	(22120108)		
468121.85	3760835.68	0.01899	(22120108)	468221.85
3760835.68	0.01726	(22120108)		
467721.85	3760935.68	0.03997	(23040823)	467821.85
3760935.68	0.03299	(19120622)		
467921.85	3760935.68	0.02788	(22121518)	468021.85
3760935.68	0.02388	(22121518)		
468121.85	3760935.68	0.02059	(22120208)	468221.85
3760935.68	0.01841	(22120208)		
467721.85	3761035.68	0.04492	(23072806)	467821.85
3761035.68	0.03587	(20092001)		
467921.85	3761035.68	0.02808	(22011808)	468021.85
3761035.68	0.02446	(22011808)		
468121.85	3761035.68	0.02120	(22011808)	468221.85
3761035.68	0.01846	(22011808)		
467721.85	3761135.68	0.04376	(19010708)	467821.85
3761135.68	0.03521	(22080903)		
467921.85	3761135.68	0.02984	(19011620)	468021.85
3761135.68	0.02521	(23010823)		
468121.85	3761135.68	0.02187	(23010823)	468221.85
3761135.68	0.01835	(23010823)		
467721.85	3761235.68	0.04120	(23052806)	467821.85
3761235.68	0.03434	(19010708)		
467921.85	3761235.68	0.02844	(20010720)	468021.85
3761235.68	0.02388	(20121321)		
468121.85	3761235.68	0.02089	(21020722)	468221.85
3761235.68	0.01795	(21122304)		
467299.51	3761159.70	0.05591	(23070206)	467829.63
3760661.47	0.04907	(19061021)		
467826.42	3760642.38	0.05005	(19061021)	467826.75
3760623.29	0.04839	(19061021)		
467867.23	3760685.18	0.04097	(23010919)	467870.69
3760660.39	0.04060	(23010919)		
467873.57	3760638.77	0.04010	(21080224)	467875.48

3760611.64	0.03823	(20081924)	
467890.19	3760591.75	0.03664	(20081924) 467902.58
3760574.16	0.03433	(20081924)	
467852.27	3760310.02	0.03586	(20090422) 467887.79
3760311.22	0.03469	(20090422)	
467919.71	3760310.42	0.03163	(22123022) 467957.21
3760309.62	0.02956	(19020322)	
468003.50	3760309.62	0.02885	(21040322) 468051.38
3760311.62	0.02873	(21040322)	
468086.49	3760312.82	0.02850	(19122918) 468125.99
3760311.22	0.02730	(19122918)	
468154.32	3760312.42	0.02674	(19122918) 467934.74
3760865.52	0.02498	(22120108)	
467954.70	3760841.58	0.02306	(22120108) 467977.04
3760812.05	0.02328	(20020902)	
467995.00	3760788.10	0.02320	(20020902) 468017.75
3760766.55	0.02261	(19011818)	
468178.09	3760581.76	0.01892	(19120517) 468258.14
3760499.02	0.01626	(21120718)	
467788.67	3760754.43	0.03744	(21073123) 467866.38
3760800.22	0.02948	(19090602)	
467880.77	3760783.56	0.02929	(19090602) 467903.93
3760761.63	0.02861	(23090923)	

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43824 HRS)

RESULTS ***

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

**

NETWORK

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

ALL	1ST HIGHEST VALUE IS 0.03103 AT (467201.85, 3760835.68, 274.00, 592.00, 0.00)	DC
	2ND HIGHEST VALUE IS 0.03065 AT (467201.85, 3760855.68, 273.72, 592.00, 0.00)	DC
	3RD HIGHEST VALUE IS 0.02747 AT (467201.85, 3760875.68, 273.11, 592.00, 0.00)	DC
	4TH HIGHEST VALUE IS 0.02550 AT (467221.85, 3760855.68, 273.92, 592.00, 0.00)	DC
	5TH HIGHEST VALUE IS 0.02496 AT (467201.85, 3760815.68, 274.00, 592.00, 0.00)	DC
	6TH HIGHEST VALUE IS 0.02468 AT (467221.85, 3760835.68, 274.00, 592.00, 0.00)	DC
	7TH HIGHEST VALUE IS 0.02391 AT (467201.85, 3760935.68, 273.00, 592.00, 0.00)	DC
	8TH HIGHEST VALUE IS 0.02383 AT (467221.85, 3760875.68, 273.75, 592.00, 0.00)	DC

9TH HIGHEST VALUE IS 0.02317 AT (467201.85, 3760955.68, 272.41, 592.00, 0.00) DC
10TH HIGHEST VALUE IS 0.02268 AT (467201.85, 3760895.68, 273.03, 592.00, 0.00) DC

*** RECEPTOR TYPES: GC = GRIDCART

GP = GRIDPOLR

DC = DISCCART

DP = DISCPOLR

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*** AERMET - VERSION 22112 *** *** Period Average DPM Project Operations ***
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 1-HR RESULTS		

	** CONC OF DPM	IN MICROGRAMS/M**3
**		
		DATE
NETWORK		

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

ALL HIGH 1ST HIGH VALUE IS 0.28371 ON 23061711: AT (467201.85, 3760955.68, 272.41, 592.00, 0.00) DC

*** RECEPTOR TYPES: GC = GRIDCART

GP = GRIDPOLR

DC = DISCCART

DP = DISCPOLR

*** AERMOD - VERSION 24142 *** *** Massachusetts Avenue ***
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*** AERMET - VERSION 22112 *** *** Period Average DPM Project Operations ***
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*** MODELOPTs: RegDEFAULT 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	22 Warning Message(s)
A Total of	1829 Informational Message(s)
A Total of	43824 Hours Were Processed

A Total of 852 Calm Hours Identified

A Total of 977 Missing Hours Identified (2.23 Percent)

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

```
***** WARNING MESSAGES *****
```

SO W320	282	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	283	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	284	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	285	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	286	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	287	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	288	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	289	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	290	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	291	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	292	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	293	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	294	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	295	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	296	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	297	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	298	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	299	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	300	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	301	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
ME W186	1130	MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used	0.50
ME W187	1130	MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET	

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


Source: EMFAC2021 (v1.0.2) Emission Rates

Region Type: Sub-Area

Region: Riverside (SC)

Calendar Year: 2027

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

Region	Calendar Year	Vehicle Category	Model Year	Speed	Fuel	Total VMT	CVMT	EVMT
Riverside (SC)	2027	HHDT	Aggregate	5	Diesel	107.7174	107.7174	0
Riverside (SC)	2027	LHDT1	Aggregate	5	Diesel	67.2253	67.2253	0
Riverside (SC)	2027	LHDT2	Aggregate	5	Diesel	30.8389	30.8389	0
Riverside (SC)	2027	MHDT	Aggregate	5	Diesel	315.7729	315.7729	0
Riverside (SC)	2027	HHDT	Aggregate	25	Diesel	22311.83	22311.83	0
Riverside (SC)	2027	LHDT1	Aggregate	25	Diesel	12970.38	12970.38	0
Riverside (SC)	2027	LHDT2	Aggregate	25	Diesel	5950.025	5950.025	0
Riverside (SC)	2027	MHDT	Aggregate	25	Diesel	17616.67	17616.67	0

Idling Emissions

Vehicle	Emissions (g/hr)
LHDT1	0.787613
LHDT2	0.79333
MHDT	0.038346
HHDT	0.01216

APPENDIX C.1 – ESTIMATION OF PROJECT CONSTRUCTION DPM EMISSIONS

No Mitigation

Construction Schedule

Year	Annual DPM Emissions (tons)	# Construction Work Days	Average Daily DPM Emissions (lb/day)	Average Hourly DPM Emissions (lb/hr)	Average Hourly DPM Emissions (g/sec)	Average Hourly DPM Area Emission (g/m ² -sec)
2026 (1/1/2026 to 12/31/2026)	0.0790	260	0.6073	0.0759	0.0096	2.106E-07
2027 (1/1/2027 to 3/19/2027)	0.0035	55	0.1282	0.0160	0.0020	4.445E-08
	0.0825	315			Weighted Average	1.816E-07
					1/1/2026 to 3/19/2027	

Activity	Start Date	End Date	Work Days	Offsite DPM	Offsite DPM	Offsite DPM	Offsite DPM	Offsite DPM	Offsite DPM	Offsite DPM	Offsite DPM	Total (lbs/day)
				Haul Truck (lb/day)	Haul Truck (lb/day)	Haul Truck (lb/day)	Vendor Trucks (lb/day)	Vendor Trucks (lb/day)	Vendor Trucks (lb/day)	Worker Vehicles (lb/day)	Worker Vehicles (lb/day)	
Demolition	1/1/2026	1/29/2026	20	0.410	8.200	0.004	0.000	0.000	0.000	0.000	0.000	0.410
Site Preparation	2/1/2026	2/13/2026	10	0.023	0.233	0.000	0.000	0.000	0.000	0.000	0.000	0.023
Grading	3/2/2026	3/24/2026	20	0.050	1.500	0.000	0.000	0.000	0.000	0.000	0.000	0.050
Building Construction - 2026	3/29/2026	12/31/2026	200	0.000	0.000	0.000	0.010	2.000	0.001	0.000	0.000	0.010
Paving	1/4/2027	1/29/2027	20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Architectural Coating	2/1/2027	3/19/2027	35	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
			315	0.073	1.733	0.001	0.010	2.000	0.001	0.000	0.000	0.493

2025	0.493334
2026	0

[illegible]

Vehicle	Distance (miles)	site prep only
Haul Truck	20	56
Vendor Truck	10.2	
Worker	18.5	

Emission Rate		
Haul Truck - 2026	3.01131E-05	grams/sec/mi
Haul Truck - 2027	0	grams/sec/mi
Vendor Truck - 2026	1.18883E-05	grams/sec/mile
Vendor Truck - 2027	0	grams/sec/mile

	Distance (mi)	Abandonment
Route 1: Project Center>Loc12>South and East to I215	1.049	75%
Route 2: Project Center>Loc8 North and East to SR91	0.379	25%

Year	Haul Trucks (g/sec)	Vendor Trucks (g/sec)	Worker Vehicles (g/sec)	Total (g/sec)	Total (lb/hr)	Total (lb/day)
2026 (1/1/2026 to 12/31/2026)						
2026 (Scaled for Distance and Distribution)						
Route 1	2.370E-05	9.355E-06	0.000E+00	3.305E-05	2.621E-04	2.097E-03
Route 2	2.853E-06	1.126E-06	0.000E+00	3.979E-06	3.155E-05	2.524E-04
2027 (1/4/2027 to 3/19/2027)						
2027 (Scaled for Distance and Distribution)						
Route 1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Route 2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

Weighted Average Emissions (2/3/2025 to 2/19/2026)	
Route 1	2.728E-05 g/sec
Route 2	3.284E-06 g/sec

Total Emissions	CalEEMod Daily Emissions (lbs/day)		
	Onsite	Offsite	Total
Demolition	0.840	0.410	1.250
Site Preparation	1.770	0.023	1.793
Grading	1.380	0.050	1.430
Building Construction - 2026	0.410	0.010	0.420
Paving	0.300	0.000	0.300
Architectural Coating	0.030	0.000	0.030
2026-Max			1.793
2027-Max			0.300

APPENDIX C.2 – ESTIMATION OF PROJECT OPERATIONAL DPM EMISSIONS

Massachusetts Avenue Warehouse Project
Operational DPM Emissions

2027 Revised 2/19/2025
DPM Emissions

1) Vehicle Emissions

(a) Truck and Auto Traffic	EMFAC2021
(b) Location	Riverside County-SCAQMD
(c) Truck Mix	
Project Trip Generation Memo	
Assumes all heavy duty trucks are diesel fueled as a conservative assumption	
(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	2027

2) Refrigerated Land Uses

Percentage of Buildings used for Refrigeration (applies to DSL LHDT, MHDT and HHDT)	
Building 1	20% ASSUMPTION based on the % of building space devoted to cold storage
Building 2	20% ASSUMPTION based on the % of building space devoted to cold storage
TRU Onsite Operating Time	4 hours - ASSUMPTION

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
Building 1 - Total Building Size	99900	
Building 1 - Nonrefrigerated	79,920	80%
Building 1 - Refrigerated	19,980	20%
Total	99,900	100%
Building 2 - Nonrefrigerated	79,920	80%
Building 2 - Refrigerated	19,980	20%
Total	99,900	100%
Total - NonRefrigeration	159,840	80%
Total-Refrigeration	39,960	20%
Total - All	199,800	100%

4) Emission Source Configuration

- 1) Vehicle traffic represented by a line source
2) Onsite idling represented as a series of point sources to accommodate the effects of building downwash

5) Vehicle Trip Lengths

Onsite Travel Links

	Travel Distance (m)	Trip Distance (mi)	% Truck Travel
West Entrance at Loc 10 to Building 1	113	0.070	17.5%
West Entrance at Loc 10 to Building 2	133	0.083	17.5%
Northeast Entrance at Loc 8 to Building 1	222	0.138	12.5%
Northeast Entrance at Loc 8 to Building 2	243	0.151	12.5%
Southeast Entrance at Loc 8 to Building 1	237	0.147	20.0%
Southeast Entrance at Loc 8 to Building 1	217	0.135	20.0%

Off site Travel Links

	Travel Distance (m)	Travel Distance (mi)	% of Truck Travel
Offsite1: Project>South on Kansas St>East on Mass Ave> South on Chicago Ave>East on 3rd St to I215	1810	1.124	75%
Offsite2:Project>Roberta St>Spruce St>SR91	526	0.327	25%

6) Other Input Parameters

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

Land Use: Area	Percentage of Trips (%)	Trip Rate (trips/TSF)
Land Use 1: Unrefrigerated Warehousing (159,840 SF)	80	4.87
Land Use 2: Refrigerated Warehousing (39,960 SF)	20	4.87
Land Use 1: Unrefrigerated Warehousing (159,840 SF)		
Fleet Mix	Percentage of Fleet (%)	Vehicle Trips per Day
Passenger Cars (LDA, LDT1, LDT2, MDV)	64.9	505
2-axle Trucks (LHDT1, LHDT2)	12.18	95
3-axle Trucks (MHDT)	3.86	30
4-axle Trucks (HHDT)	19.09	149
Land Use 1 Total	100	779
Land Use 2: Refrigerated Warehousing (39,960 SF)		
Fleet Mix	Percentage of Fleet (%)	Vehicle Trips per Day
Passenger Cars (LDA, LDT1, LDT2, MDV)	64.9	126
2-axle Trucks (LHDT1, LHDT2)	12.18	24
3-axle Trucks (MHDT)	3.86	8
4-axle Trucks (HHDT)	19.09	37
Land Use 2 Total	100	195
Total Project Trips		974

Vehicle Trip Allocation to Buildings proportional to the relative size of buildings

Building	Building Size	
	Total (sq-ft)	% Total
Building 1 - Nonrefrigerated	79,920	80%
Building 1 - Refrigerated	19,980	20%
Total	99,900	100%
Building 2 - Nonrefrigerated	79,920	80%
Building 2 - Refrigerated	19,980	20%
Total	99,900	100%
Total - Nonrefrigerated	159,840	80%
Total - Refrigerated	39,960	20%
Total - All	199,800	100%

Trip Generation

Trip Generation Rate 4.87 trips/TSF as per Traffic Trip Generation Memorandum

Building	trips/day (Non-PCE)
Building 1 - Nonrefrigerated	389
Building 1 - Refrigerated	97
Total	487
Building 2 - Nonrefrigerated	389
Building 2 - Refrigerated	97
Total	487
trips/day (Non-PCE)	
Total - Nonrefrigeration	778
Total - Refrigerated	195
Total - All	973

Vehicle Fleet Mix from Trip Generation Memo

	Vehicle Distribution	Daily Trips	Building 1 - Nonrefrig	Building 1 - Refrig	Building 2 Non-Refrig	Building 2 Refrig
LDA (Passenger Vehicles)	64.90%	611	253	63	253	63
LHDT (2 axle truck)	12.18%	119	47	12	47	12
MHDT(3 axle truck)	3.86%	38	15	4	15	4
HHDT (4+ axle truck)	19.09%	186	74	19	74	19
	100.0%	973	389	97	389	97

The following emission assessment focuses only on qualifying Diesel Particulate Emissions (PM10 Exhaust) from Heavy Duty Vehicles (2-axle, 3-axle, and 4-axle trucks)

Light Heavy Duty Fleet Mix

	Fleet Mix % LHDT	Daily Trips	Building 1 - Nonrefrig Daily Trips	Building 1 - Refrig Daily Trips	Building-2 NonRefrig Daily Trips	Building 2 - Refrig Daily Trips	% Diesel	Building 1 Non-refrig DSL Daily Trips	Building 1 - Refrig DSL Daily Trips	Building 1 Total DSL Daily Trips	Building 2 Non-refrig DSL Daily Trips	Building 2 - Refrig DSL Daily Trips	Building 2 Total DSL Daily Trips
LHDT1	78%	92	37	9	37	9	100.00%	37	9	46	37	9	46
LHDT2	22%	26	10	3	10	3	100.00%	10	3	13	10	3	13
Total		119	47	12	47	12	Total	47	12	59	47	12	59

Medium and Heavy Duty Truck Trips

Fleet Mix	Total Trips	Building 1 - Nonrefrig Daily Trips	Building 1 - Refrig Daily Trips	Building 2 - Nonrefrig Daily Trips	Building 2 - Refrig Daily Trips	% Diesel	Building 1 - Nonrefrig DSL Daily Trips	Building 1 - Refrig DSL Daily Trips	Number of Daily Diesel Trips	Building 2 - Nonrefrig DSL Daily Trips	Building 2 - Refrig DSL Daily Trips	Building 2 - Total Daily Diesel Trips
MHDT	38	16	4	15	4	100.00%	15	4	19	15	4	19
HHDT	186	74	19	74	19	100.00%	74	19	93	74	19	93

	Number of DailyTrips DSL Build 1 Non-Refrig	Number of Daily Trips DSL Build 1 Refrig	Total Number of DSL Truck Building 1	Number of DailyTrips DSL Build 2Non-Refrig	Number of Daily Trips DSL Build 2 Refrig	Total Number of DSL Truck Building 2	Total DSL Truck Trips
Composite Fleet Mix	37	9	46	37	9	46	92
LHDT1	10	3	13	10	3	13	26
LHDT2	15	4	19	15	4	19	38
MHDT	74	19	93	74	19	93	186
Total	137	34	171	137	34	171	342

Massachusetts Avenue Warehouse Project

Pollutant: DPM
Year: 2027

Emission Summary

Onsite Emissions	Emissions (g/sec)	Emissions (lbs/day)
W10 to Building 1	2.38E-06	4.54E-04
W10 to Building 2	2.80E-06	5.34E-04
NE8 to Building 1	3.34E-06	6.36E-04
NE8 to Building 2	3.66E-06	6.97E-04
SE12 to Building 1	5.71E-06	1.09E-03
SE12 to Building 2	5.23E-06	9.95E-04
Total	2.31E-05	4.40E-03

Idling Emissions	Emissions (g/sec)	Emissions (lbs/day)	Number of Idling Sources	Emissions per Idling Spource (g/sec)
IB1 Building 1	1.33E-04	2.53E-02	10	1.33E-05
IB1 Building 2	1.33E-04	2.53E-02	10	1.33E-05
Total	2.65E-04	5.05E-02		

Offsite Emissions	Emissions (g/sec)	Emissions (lb/day)
Offsite 1	6.35E-05	1.21E-02
Offsite 2	6.15E-06	1.17E-03
Total	6.96E-05	1.32E-02

Emergency Generator	Emissions (g/sec)	Emissions (lb/day)
	3.31E-04	6.29E-02

FirePump	Emissions (g/sec)	Emissions (lb/day)
	8.26E-05	1.57E-02

Total Emissions	Emissions (g/sec)	Emissions (lb/day)
Total	7.71E-04	1.47E-01

Onsite Emissions	Emissions (g/sec)	Emissions (lbs/day)
W10 to Building 1	2.38E-06	0.000454
W10 to Building 2	2.8E-06	0.000534
NE8 to Building 1	3.34E-06	0.000636
NE8 to Building 2	3.66E-06	0.000697
SE12 to Building 1	5.71E-06	0.001087
SE12 to Building 2	5.23E-06	0.000995
Total	2.31E-05	0.004403

Idling Emissions	Emissions (g/sec)	Emissions (lbs/day)	Number of Idling Sources	Emissions per Idling Spource (g/sec)
IB1 Building 1	0.000133	0.025256	10	1.33E-05
IB1 Building 2	0.000133	0.025256	10	1.33E-05
Total	0.000265	0.050513		

Offsite Emissions	Emissions (g/sec)	Emissions (lb/day)
Offsite 1	6.35E-05	0.012078
Offsite 2	6.15E-06	0.00117
Total	6.96E-05	0.013248

Emergency Generator	Emissions (g/sec)	Emissions (lb/day)
	0.000331	0.062907

FirePump	Emissions (g/sec)	Emissions (lb/day)
	8.26E-05	0.015727

Total Emissions	Emissions (g/sec)	Emissions (lb/day)
Total	0.000771	0.146798

Massachusetts Avenue Warehouse Project
Emissions from Onsite Delivery and TRU Travel
DPM Emissions

Year: 2027

Truck Operations

Daily Vehicle Trips			
Vehicle Class	Building 1	Building 2	Total
LHDT1	46	46	92
LHDT2	13	13	26
MHDT	19	19	38
HHDT	93	93	186
	171	171	342

Assumption: Number of TRUs = % Cold Storage x Number of DSL LHDT1+LHDT2+MHDT + HHDT

		DSL Daily												Total	DSL Daily	Total	DSL Daily	Total
AERMOD ID	On-Site Truck Delivery Emissions	% Daily	Trip Length	Operations	HHDT	MHDT	LHDT1	LHDT2	TRU	HHDT	MHDT	LHDT1	LHDT2	Trucks	TRU	Truck+TRU	Truck+TRU	Truck+TRU
		Travel	(mi)		Trucks	Trucks	Trucks	Trucks		(g/day)	(g/day)	(g/day)	(g/day)	(g/day)	(g/day)	(lb/day)	(lb/day)	(g=so)
W10 to Building 1	West Loc 10 Travel Emissions to Building 1	17.5%	0.070	24	33	7	16	5	12	5.45E-02	1.10E-02	1.01E-01	2.64E-02	1.93E-01	1.32E-02	2.06E-01	4.54E-04	2.38E-06
W10 to Building 2	West Loc 10 Travel Emissions to Building 2	17.5%	0.083	24	33	7	16	5	12	6.47E-02	1.30E-02	1.19E-01	3.11E-02	2.27E-01	1.56E-02	2.42E-01	5.34E-04	2.80E-06
NE8 to Building 1	Northeast Loc 8 Travel Emissions to Building 1	12.5%	0.138	24	23	5	12	3	9	7.65E-02	1.55E-02	1.41E-01	3.71E-02	2.70E-01	1.86E-02	2.89E-01	6.36E-04	3.34E-06
NE8 to Building 2	Northeast Loc 8 Travel Emissions to Building 2	12.5%	0.151	24	23	5	12	3	9	8.37E-02	1.69E-02	1.55E-01	4.06E-02	2.96E-01	2.03E-02	3.16E-01	6.97E-04	3.66E-06
SE12 to Building 1	Southeast Loc 12 Travel Emissions to Building 1	20.0%	0.147	24	37	8	18	5	14	1.31E-01	2.64E-02	2.41E-01	6.34E-02	4.62E-01	3.18E-02	4.94E-01	1.09E-03	5.71E-06
SE12 to Building 2	Southeast Loc 12 Travel Emissions to Building 2	20.0%	0.135	24	37	8	18	5	14	1.20E-01	2.42E-02	2.21E-01	5.80E-02	4.23E-01	2.91E-02	4.57E-01	9.95E-04	5.23E-06
total		100.0%			186	38	92	26	68	5.29E-01	1.07E-01	9.78E-01	2.57E-01	1.87E+00	1.29E-01	2.00E+00	4.40E-03	2.31E-05

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) = 0.089
2-axle (LHDT2) = 0.083
3-Axle MHDT (g/mi) = 0.024
4-Axle HHD (g/mi) = 0.024

Truck emissions for trucks based on EMFAC 2021 for truck speed of 5 mph Rv (SC) 2027

TRU Emission Factor
Emission Rate (g/hr) 0.20
Load Factor (%) 0.4
TRU Emission Rate² (g/hr) = 0.08
TRU run time during travel (hr) = Road Length (mi)/Truck Speed (mph)

Notes:
Emission factor derived from CARB EMFAC2021 model as the fleet average for Riverside (SC) 2027
TRU emission factor from OFFROAD2021 for Riverside (SC) in 2027

Massachusetts Avenue Warehouse Project 2027
Onsite Truck Delivery Idling and TRU Operational Emissions
DPM Emissions

Daily VehicleTrips			
Vehicle Class	Building 1	Building 2	Total
LHDT1	46	46	92
LHDT2	13	13	26
MHDT	19	19	38
HHDT	93	93	186

Assumption: Number of TRUs = % Cold Storage x Number of DSL LHDT1+LHDT2+MHDT + HHDT

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)	LHDTTruck1 Emissions (g/day)	LHDTTruck2 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	LHDT1 Trucks	LHDT2 Trucks	TRU Number											
Truck Idling Sources																	
IB11 to IB110	Idling Sources - Building 1	46	9	23	7	17	0.250	1.41E-01	9.00E-02	4.55E+00	1.29E+00	6.07E+00	4.000	5.39E+00	1.15E+01	2.53E-02	1.33E-04
IB21 to IB210	Idling Sources - Building 2	46	9	23	7	17	0.250	1.41E-01	9.00E-02	4.55E+00	1.29E+00	6.07E+00	4.000	5.39E+00	1.15E+01	2.53E-02	1.33E-04
Totals		93	19	46	13	34		2.82E-01	1.80E-01	9.10E+00	2.59E+00	1.21E+01		1.08E+01	2.29E+01	5.05E-02	2.65E-04

Daily Operation =	24	per day	Daily Truck idle emissions = Idle EF (g/hr) * idle time (min)/60 / daily hours (hr)/3600 * No. trucks
Operation Days =	365	days/year	
TRU Emissions			Daily TRU emissions = TRU Emission Rate (g/hr) * TRU run time (min)/60 / Daily Hours (hr) * No. TRUs
TRU Emission Rate =	0.20	g/hr	
Load Factor	40%		
OP Emission Tate	0.08	g/hr	
TRU Operating Time	4	hour	
Diesel Diesel Truck Emission Factors			
LHDT1 Truck Idle Emissions (g/hr)=	0.788	g/hr	
LHDT2 Truck Idle Emissions (g/hr)=	0.793	g/hr	
MHDT Truck Idle Emissions (g/hr) =	0.038	g/hr	
HHDT Truck Idle Emissions (g/hr) =	0.012	g/hr	
Truck idle time (min) =	15	min	
Notes:			
TRU emission factor from OFFROAD2021			

Idling emission factor derived from CARB EMFAC2021 model as the fleet average for Riverside (SC) 2027

Massachusetts Avenue Warehouse Project
Emissions from OffSite Vehicle Travel

Year: 2027

Truck Operations

Daily VehicleTrips			
Vehicle Class	Building 1	Building 2	Total
LHDT1	46	46	92
LHDT2	13	13	26
MHDT	19	19	38
HHDT	93	93	186
	171	171	342

Assumption: Number of TRUs = % Cold Storage x Number of DSL LHDT1+LHDT2+MHDT + HHDT

AERMOD ID	Trip Description	Trip				Number of		Number of		Number of		Number of		HHDT	MHDT	LHDT1	LHDT2	Total Emissions			
		% Daily	Length	Operations	HHDT Trips	MHDT	LHDT1	LHDT2	TRU Trips	Emissions	Emissions	Emissions	Emissions	Truck Emission	TRU Total	Daily Total	Hourly Ave				
		Trips	(mi)	(hr)	(trips/day)	(trips/day)	(trips/day)	(trips/day)	(number)	(grams/day)	(grams/day)	(grams/day)	(grams/day)	(g/day)	(grams/day)	(lbs/day)	(grams/sec)				
Offsite1	Project>South on Kansas St>East on Mass Ave>	75%	1.124	24	139	28	69	20	51	9.69E-01	2.01E-01	3.25E+00	8.85E-01	5.30E+00	1.82E-01	1.21E-02	6.35E-05				
Offsite2	South on Chicago Ave>East on 3rd St to I215	25%	0.327	24	46	9	23	7	17	9.38E-02	1.95E-02	3.14E-01	8.57E-02	5.14E-01	1.76E-02	1.17E-03	6.15E-06				
Total					186	38	92	26	68	1.06E+00	2.21E-01	3.56E+00	9.70E-01	5.82E+00	1.99E-01	1.32E-02	6.96E-05				

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 (EMFAC2021)		
2-axle LHDT1 (g/mi) =	0.042	
2-axle LHDT2 (g/mi) =	0.040	
3-Axle MHDT (g/mi) =	0.006	
4-Axle HHDT (g/mi) =	0.006	

Truck emissions for trucks based on EMFAC 2021 for truck speed of 25 mph and Riverside County-SCAQMD 2027

TRU Emission Factor	
TRU Emission Rate* (g/hr) =	0.20
Load Factor	40%
TRU Oper Emission Rate	0.08
TRU run time during travel (hr) =	Road Length (mi)/Truck Speed (mph)
Notes:	
TRU emission factor from OFFROAD2017	

Massachusetts Avenue Warehouse Project

Emergency Generator Operational DPM Emissions

Emissions derived from CalEEMod

Fuel	Diesel
Horsepower	238
Load Factor	0.73
Hours per Year	200 max allowed operation under SCAQMD Rule 1
PM10E EF	0.15 g/hp-hr (from CalEEMod)
Number of Units	2

PM10 Annual Average Emissions	3.31E-04 grams/sec averaged over the entire year
Stack Parameters	6.29E-02 pounds/day averaged over the entire year

Stack Temp	889 F
Stack Dia	4.1 in
Release Ht	7.4 ft
Exhaust Flow	779 cfm or 0.378523 cm/sec

Source: SBAPCD 2020. Modeling Guidelines for
Health Risk Assessments

Massachusetts Avenue Warehouse Project

Fire Pump Operational DPM Emissions

Emissions derived from CalEEMod

Fuel	Diesel	
Horsepower	238	
Load Factor	0.73	
Hours per Year	50 max allowed for testing and maintenance und	
PM10E EF	0.15 g/hp-hr (from CalEEMod)	
Number of Units	2	
PM10 Annual Average Emissions	8.26E-05 grams/sec averaged over the entire year	
	1.57E-02 lbs/day averaged over the entire year	
Stack Parameters		
	Stack Temp	889 F
	Stack Dia	4.1 in
	Release Ht	7.4 ft
	Exhaust Flow	779 cfm or 0.378523 cm/sec

Source: SBAPCD 2020. Modeling Guidelines for
Health Risk Assessments

Truck Operations - Operational TRU Onsite Emissions (Regional Emission Analysis)

Assumption: Number of TRUs = % Cold Storage x Number of DSL LHDT1+LHDT2+MHDT + HHDT

		% Daily	Trip Length	Operations	DSL Daily	DSL Daily	DSL Daily	DSL Daily	DSL Daily						
AERMOD ID	On-Site Truck Delivery Emissions	Travel	(mi)		HHDT	MHDT	LHDT1	LHDT2	TRU	TRU-ROG	TRU-NOX	TRU_CO	TRU-PM10	TRU-PM2.5	TRU-CO2
W10 to Building 1	West Loc 10 Travel Emissions to Building 1	17.5%	0.070	24	33	7	16	5	12	6.77E-02	1.01E+00	2.42E+00	1.18E+00	2.77E-01	1.37E+02
W10 to Building 2	West Loc 10 Travel Emissions to Building 2	17.5%	0.083	24	33	7	16	5	12	7.97E-02	1.18E+00	2.85E+00	1.39E+00	3.26E-01	1.61E+02
NES to Building 1	Northeast Loc 8 Travel Emissions to Building 1	12.5%	0.138	24	23	5	12	3	9	9.50E-02	1.41E+00	2.43E+00	8.45E-01	1.42E-01	4.99E+01
NES to Building 2	Northeast Loc 8 Travel Emissions to Building 2	12.5%	0.151	24	23	5	12	3	9	1.04E-01	1.54E+00	2.66E+00	9.25E-01	1.55E-01	5.46E+01
SE12 to Building 1	Southeast Loc 12 Travel Emissions to Building 1	20.0%	0.147	24	37	8	18	5	14	1.62E-01	2.41E+00	6.64E+00	3.69E+00	9.92E-01	5.58E+02
SE12 to Building 2	Southeast Loc 12 Travel Emissions to Building 2	20.0%	0.135	24	37	8	18	5	14	1.49E-01	2.21E+00	6.08E+00	3.38E+00	9.08E-01	5.11E+02
		100.0%			186	38	92	26	68	6.57E-01	9.76E+00	2.31E+01	1.14E+01	2.80E+00	1.47E+03

Operation Days =	365					
Delivery Truck Hours (hrs/day) =	24	Daily TRU Emissions = Emission Rate (g/hr) * (TRU Trip/day / Speed (mi/hr) * (mi/hr/TRU Trip)				
Delivery Truck Speed (mph) =	5					
TRU Emission Factor	ROG	NOx	CO	PM10	PM2.5	CO2
TRU Emission Rate ^c (g/hr) =	1.01	7.74	0.93	0.20	0.18	1348.95
Load Factor (%)	40%	40%	40%	40%	40%	40%
Operational Emission Rate (grams/hr)	0.40	3.09	0.37	0.08	0.07	539.58

TRU run time during travel (hr) = Road Length (mi)/Truck Speed (mph)
TRU emissions per link (g/day) = TRU Emission Rate (g/hr) x TRU run time during travel (hr) x # TRUs

Notes:
TRU emission factor from OFFROAD2017

Massachusetts Avenue Warehouse Project

2027

Onsite Truck TRU Operational Emissions (for Regional Analysis)

Emissions - Operational LST

Daily TRU emissions = TRU Emission Rate (g/hr) * TRU run time (min)/60 / Daily Hours (hr) * No. TRUs

Number of TRUs = % Cold Storage x Number of DSL LHDT1+LHDT2+MHDT + HHDT

Truck Onsite TRU Operations

Average Daily Truck Deliveries							TRU	TRU	TRU	TRU	TRU	TRU	TRU
AERMOD ID	User/ Location	HHDT	MHDT	LHDT1	LHDT2	TRU	OP Time	ROG	NOx	CO	PM10	PM2.5	TRU
		Trucks	Trucks	Trucks	Trucks	Number	(hours/day)	(lb/day)	(lb/day)	(lb/day)	(lb/day)	(lb/day)	CO
Truck Idling Sources													
IB11 to IB110	Idling Sources - Building 1	46	9	23	7	17	4.000	6.07E-02	4.66E-01	5.58E-02	1.19E-02	1.09E-02	8.13E+01
IB21 to IB210	Idling Sources - Building 2	46	9	23	7	17	4.000	6.07E-02	4.66E-01	5.58E-02	1.19E-02	1.09E-02	8.13E+01
Totals		93	19	46	13	34		1.21E-01	9.32E-01	1.12E-01	2.38E-02	2.19E-02	1.63E+02

Daily Operation =	24	per day					
Operation Days =	365	days/year					
TRU Emissions	ROG	NOx	CO	PM10	PM2.5	CO2	
TRU Emission Rate =	1.01	7.74	0.93	0.20	0.18	1348.95	
Load Factor	40%	40%	40%	40%	40%	40%	
Operational Emission Rate (g/hr)	0.40	3.09	0.37	0.08	0.07	539.58	

Notes:
TRU emission factor from OFFROAD2017

Massachusetts Avenue Warehouse Project
Emissions from Offsite TRU Travel (for Regional Analysis)

Year: 2027

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

Number of TRUs = % Cold Storage x Number of DSL LHDT1+LHDT2+MHDT + HHDT

Off-Site Truck Delivery Emissions

	Trip Length	Operations	Number of HHDT Trips	Number of MHDT	Number of LHDT1	Number of LHDT2	Number of TRU Trips	TRU ROG	TRU NOx	TRU CO	TRU PM10	TRU PM2.5	TRU CO2
	All HDT												
	(mi)	(hr)	(trips/day)	(trips/day)	(trips/day)	(trips/day)	(number)	(lbs/day)	(lbs/day)	(lbs/day)	(lbs/day)	(lbs/day)	(lbs/day)
All Offsite Travel	40.000	24	186	38	92	26	68	9.71E-02	7.46E-01	8.93E-02	1.90E-02	1.75E-02	1.30E+02

Operation Days = 365
Delivery Truck Hours (hrs/day) = 24
Delivery Truck Speed (mph) = 25

TRU Emission Factor	ROG	NOx	CO	PM10	PM2.5	CO2
TRU Emission Rate* (g/hr) =	1.01	7.74	0.93	0.20	0.18	1348.95
Load Factor (%)	40%	40%	40%	40%	40%	40%
Operational Emission Factor (g/hr)	0.40	3.09	0.37	0.08	0.07	539.58

Notes:
TRU emission factor from OFFROAD2021

Massachusetts Avenue Warehouse Project

Emissions from Onsite TRU Travel (for LST Analysis)

	ROG	NOx	CO	PM10	PM2.5	CO2
Onsite	(lbs/day)	(lbs/day)	(lbs/day)	(lbs/day)	(lbs/day)	(lbs/day)
Total	6.57E-01	9.76E+00	2.31E+01	1.14E+01	2.80E+00	1.47E+03
	ROG	NOx	CO	PM10	PM2.5	CO2
Idling	(lbs/day)	(lbs/day)	(lbs/day)	(lbs/day)	(lbs/day)	(lbs/day)
Total	1.21E-01	9.32E-01	1.12E-01	2.38E-02	2.19E-02	1.63E+02
Grand Total	7.79E-01	1.07E+01	2.32E+01	1.14E+01	2.82E+00	1.63E+03
Annual CO2	2.98E+02	tons/year				
Annual CO2e	2.68E+02	MTCO2e				

Model Output: OFFROAD2021 (v1.0.9) Emissions Inventory

Region Type: Sub-Area

Region: Riverside (SC)

Calendar Year: 2027

Scenario: All Adopted Rules - Exhaust

Vehicle Classification: OFFROAD2021 Equipment Types

Units: tons/day for Emissions, gallons/year for Fuel, hours/year for Activity, Horsepower-hours/year for Horsepower-hours

Region	Calendar Y	Vehicle Category	Model Year	Horsepower	Fuel	HC_tpd	ROG_tpd	TOG_tpd	CO_tpd	NOx_tpd	CO2_tpd	PM10_tpd	PM2.5_tpd	SOx_tpd	NH3_tpd	Fuel Consu	Total	Activ Total	Pop	Horsepower_Hours_hpy
Riverside (t)	2027	Transport Refrigeration Unit - Instate Genset	Aggregate	25	Diesel	0.000908	0.001098	0.001307	0.001009	0.014069	2.250666	0.000356	0.000327	2.13E-05	5.04E-08	73206.9	155523.1	199.05		0
Riverside (t)	2027	Transport Refrigeration Unit - Instate Genset	Aggregate	50	Diesel	0.000611	0.00074	0.00088	0.000679	0.005732	1.106546	8.54E-05	7.86E-05	1.05E-05	2.48E-08	35992.36	69647.91	89.1		0
Riverside (t)	2027	Transport Refrigeration Unit - Instate Trailer	Aggregate	25	Diesel	0.018175	0.021993	0.026173	0.020213	0.168805	29.43497	0.004302	0.003961	0.000279	6.6E-07	957424.5	1459162	825.55		0
Riverside (t)	2027	Transport Refrigeration Unit - Instate Trailer	Aggregate	50	Diesel	0.026131	0.03161	0.037618	0.029031	0.195115	44.11378	0.002608	0.002401	0.000418	9.89E-07	14344879	1921441	1087.12		0
Riverside (t)	2027	Transport Refrigeration Unit - Out-Of-State Genset	Aggregate	25	Diesel	0.000819	0.000991	0.001179	0.000901	0.012329	1.973534	0.000318	0.000293	1.87E-05	4.42E-08	64192.69	136373.1	1099.71		0
Riverside (t)	2027	Transport Refrigeration Unit - Out-Of-State Genset	Aggregate	50	Diesel	0.000412	0.000498	0.000593	0.000457	0.00397	0.707719	8.59E-05	7.91E-05	6.71E-06	1.59E-08	23019.8	44100.59	355.54		0
Riverside (t)	2027	Transport Refrigeration Unit - Out-Of-State Trailer	Aggregate	25	Diesel	0.017652	0.021345	0.025403	0.019609	0.150783	29.15859	0.004415	0.004068	0.000276	6.54E-07	948434.9	1445462	5314.1		0
Riverside (t)	2027	Transport Refrigeration Unit - Out-Of-State Trailer	Aggregate	50	Diesel	0.008043	0.009729	0.011578	0.008934	0.06469	11.57949	0.001069	0.000985	0.00011	2.6E-07	376643.4	505316	1857.66		0
Riverside (t)	2027	Transport Refrigeration Unit - Railcar TRU	Aggregate	25	Diesel	0.000772	0.000935	0.001113	0.000858	0.008135	1.301417	0.000216	0.000199	1.23E-05	2.92E-08	42330.88	64514.41	197.01		0
Riverside (t)	2027	Transport Refrigeration Unit - Railcar TRU	Aggregate	50	Diesel	0.000164	0.000199	0.000236	0.000182	0.001438	0.283968	1.25E-05	1.15E-05	2.69E-06	6.36E-09	9236.55	12540.23	38.31		0

Assumes 25 horsepower, instate trailer

Emission Factors	tons/day	grams/hr	Population	Grams/hr/TRU
PM10	0.004302	162.7772	825.55	0.197174
VOC	0.021993	832.0596	825.55	1.007885
Nox	0.168805	6386.437	825.55	7.735978
CO	0.020213	764.7191	825.55	0.926315
Sox	0.000279	10.55937	825.55	0.012791
PM2.5	0.003961	149.8556	825.55	0.181532
CO2	29.43497	1113623	825.55	1348.947

for Energy Consumption, gallon/mile for Fuel Consumption. PHEV calculated based on total VMT.

PM10_RUNEX
0.012345
0.088669
0.082516
0.023886
0.006185
0.041647
0.040236
0.006359

APPENDIX D.1 – ESTIMATION OF CONSTRUCTION HEALTH RISK

Massachusetts Avenue Warehouse Project - Construction DPM Emissions

Exposure Durations During Construction

	Start	End	Days	% Year
Calendar Days	1/1/2026	3/19/2027	442	1.21
3rd Trimester (2026)	1/1/2026	4/1/2026	90	0.25
0-1 year (2026)	4/2/2026	12/31/2026	273	0.75
0-1 year (2027)	1/1/2027	3/19/2027	77	0.21
				1.21

No Mitigation

467788.7 3760754

30-year Exposure

**Total
Cancer risk**
0.54

0.00371 ug/m3

[illegible]

Massachusetts Avenue Warehouse Project - Construction DPM Emissions

No Mitigation

Cancer Risk Calculation - Location of Max Risk

467788.7 3760754

SCAQMD Guidance Child 9-year Exposure

Total
Cancer risk
0.54

Maximum Period DPM Concentration 0.00371 ug/m3

Year	Year	Maximum DPM (ug/m3)	CPF (mg/kg-day)^-1	95% DBR (l/kg-day)	ED (years)	EF (days)	AT (years)	TAH (%)	ASF	Operational Risk (risk/million)
3rd Trimester	2026	0.00371	1.1	361	0.25	350	25550	0.85	10	0.04
1	2026	0.00371	1.1	1090	0.75	350	25550	0.85	10	0.39
2	2027	0.00371	1.1	1090	0.21	350	25550	0.85	10	0.11
3	2028	0.00000								0.00
4	2029	0.00000								0.00
5	2030	0.00000								0.00
6	2031	0.00000								0.00
7	2032	0.00000								0.00
8	2033	0.00000								0.00
9	2034	0.00000								0.00
	2035									
	2036									
	2037									
	2038									
	2039									
	2040									
	2041									
	2042									
	2043									
	2044									
	2045									
	2046									
	2047									
	2048									
	2049									
	2050									
	2051									
	2052									
	2053									
	2054									
	2055									

Massachusetts Avenue Warehouse Project - Construction DPM Emissions

No Mitigation

Cancer Risk Calculation - Location of Max Risk

467788.7 3760754

SCAQMD Guidance		Residential	30-year Exposure	Adult						Total
										Cancer risk
										0.01
Maximum Period DPM Concentration			0.00371 ug/m3							
		Maximum		95%						Operational
		DPM	CPF	DBR	ED	EF	AT	TAH		Risk
Year	Year	(ug/m3)	(mg/kg-day)^-1	(l/kg-day)	(years)	(days)	(years)	(%)	ASF	(risk/million)
1	2026	0.00371	1.1	290	0.99	350	25550	0.73	1	0.01
2	2027	0.00371	1.1	290	0.21	350	25550	0.73	1	0.00
3	2028	0.00000								0.00
4	2029	0.00000								0.00
5	2030	0.00000								0.00
6	2031	0.00000								0.00
7	2032	0.00000								0.00
8	2033	0.00000								0.00
9	2034	0.00000								0.00
10	2035	0.00000								0.00
11	2036	0.00000								0.00
12	2037	0.00000								0.00
13	2038	0.00000								0.00
14	2039	0.00000								0.00
15	2040	0.00000								0.00
16	2041	0.00000								0.00
17	2042	0.00000								0.00
18	2043	0.00000								0.00
19	2044	0.00000								0.00
20	2045	0.00000								0.00
21	2046	0.00000								0.00
22	2047	0.00000								0.00
23	2048	0.00000								0.00
24	2049	0.00000								0.00
25	2050	0.00000								0.00
26	2051	0.00000								0.00
27	2052	0.00000								0.00
28	2053	0.00000								0.00
29	2054	0.00000								0.00
30	2055	0.00000								0.00

APPENDIX D.2 – ESTIMATION OF OPERATIONAL HEALTH RISK

Receptor	Cancer Risk (per million)		Exceeds Significance Threshold?
	Maximum Lifetime Proposed Project Risk	Significance Threshold	
Maximum Impacted Sensitive Receptor - Prebirth to 30 years	5.59	10	No
Maximum Impacted Sensitive Receptor - Prebirth to 9 years	3.97	10	No
Maximum Impacted Sensitive Receptor - Adult (30 years)	0.71	10	No
Maximum Impacted Worker Receptor (30 years)	4.04	10	No
Receptor	Chronic Non-Cancer Hazard Index		Exceeds Significance Threshold?
	Maximum Lifetime Proposed Project Risk	Significance Threshold	
Maximum Impacted Sensitive Receptor	0.001292	1	No
Maximum Impacted Worker Receptor	0.007848	1	No

Receptor ⁽¹⁾	Cancer Risk (per million)		Exceeds Significance Threshold?
	Maximum Lifetime Proposed Project Risk	Significance Threshold	
Maximum Impacted Sensitive Receptor -	3.819920666	10	No
Maximum Impacted Worker Receptor (25 years)	3.813461177	10	No

Massachusetts Ave Warehouse Project Operational DPM Cancer Risks

Revised

Cancer Risk Calculation - Location of Nearest Sensitive Receptor

467788.7 3760754

SCAQMD Guidance Residential 30-year Exposure

Total
Cancer risk
5.589

Chronic Non-cancer
Hazard
0.001292

Annual DPM Concentration at Max Impacted Sensitive Receptor 0.00646 ug/m3

Year	Year	Maximum DPM (ug/m3)	CPF (mg/kg-day)^-1	95% DBR (l/kg-day)	ED (years)	EF (days)	AT (years)	TAH (%)	ASF	Operational Risk (risk/million)
3rd Trimester	2027	0.00646	1.1	361	0.25	350	25550	1	10	0.09
1	2027	0.00646	1.1	1090	1	350	25550	1	10	1.06
2	2028	0.00646	1.1	1090	1	350	25550	1	10	1.06
3	2029	0.00646	1.1	745	1	350	25550	1	3	0.22
4	2030	0.00646	1.1	745	1	350	25550	1	3	0.22
5	2031	0.00646	1.1	745	1	350	25550	1	3	0.22
6	2032	0.00646	1.1	745	1	350	25550	1	3	0.22
7	2033	0.00646	1.1	745	1	350	25550	1	3	0.22
8	2034	0.00646	1.1	745	1	350	25550	1	3	0.22
9	2035	0.00646	1.1	745	1	350	25550	1	3	0.22
10	2036	0.00646	1.1	745	1	350	25550	1	3	0.22
11	2037	0.00646	1.1	745	1	350	25550	1	3	0.22
12	2038	0.00646	1.1	745	1	350	25550	1	3	0.22
13	2039	0.00646	1.1	745	1	350	25550	1	3	0.22
14	2040	0.00646	1.1	745	1	350	25550	1	3	0.22
15	2041	0.00646	1.1	745	1	350	25550	1	3	0.22
16	2042	0.00646	1.1	745	1	350	25550	1	3	0.22
17	2043	0.00646	1.1	335	1	350	25550	0.73	1	0.02
18	2044	0.00646	1.1	335	1	350	25550	0.73	1	0.02
19	2045	0.00646	1.1	335	1	350	25550	0.73	1	0.02
20	2046	0.00646	1.1	335	1	350	25550	0.73	1	0.02
21	2047	0.00646	1.1	335	1	350	25550	0.73	1	0.02
22	2048	0.00646	1.1	335	1	350	25550	0.73	1	0.02
23	2049	0.00646	1.1	335	1	350	25550	0.73	1	0.02
24	2050	0.00646	1.1	335	1	350	25550	0.73	1	0.02
25	2051	0.00646	1.1	335	1	350	25550	0.73	1	0.02
26	2052	0.00646	1.1	335	1	350	25550	0.73	1	0.02
27	2053	0.00646	1.1	335	1	350	25550	0.73	1	0.02
28	2054	0.00646	1.1	335	1	350	25550	0.73	1	0.02
29	2055	0.00646	1.1	335	1	350	25550	0.73	1	0.02
30	2056	0.00646	1.1	335	1	350	25550	0.73	1	0.02

Massachusetts Ave Warehouse Project Operational DPM Cancer Risks

Revised

Cancer Risk Calculation - Location of Nearest Sensitive Receptor

467788.73760754

SCAQMD GuidanceResidentialChild (9 years)

Total
Cancer risk
3.970

Annual DPM Concentration at Max Impacted Sensiive Receptor

0.00646 ug/m3

		Maximum DPM (ug/m3)	CPF (mg/kg-day)^-1	95% DBR (l/kg-day)	ED (years)	EF (days)	AT (years)	TAH (%)	ASF	Operational Risk (risk/million)
3rd Trimester	2027	0.00646	1.1	361	0.25	350	25550	1	10	0.09
1	2027	0.00646	1.1	1090	1	350	25550	1	10	1.06
2	2028	0.00646	1.1	1090	1	350	25550	1	10	1.06
3	2029	0.00646	1.1	861	1	350	25550	1	3	0.25
4	2030	0.00646	1.1	861	1	350	25550	1	3	0.25
5	2031	0.00646	1.1	861	1	350	25550	1	3	0.25
6	2032	0.00646	1.1	861	1	350	25550	1	3	0.25
7	2033	0.00646	1.1	861	1	350	25550	1	3	0.25
8	2034	0.00646	1.1	861	1	350	25550	1	3	0.25
9	2035	0.00646	1.1	861	1	350	25550	1	3	0.25

Massachusetts Ave Warehouse Project Operational DPM Cancer Risks

Revised

Cancer Risk Calculation - Location of Nearest Sensitive Receptor 467788.7 3760754

SCAQMD Guidance	Residential	30-year Exposure	Adult	Total Cancer risk
Annual DPM Concentration at Max Impacted Sensiive Receptor			0.00646 ug/m3	0.714

		Maximum DPM (ug/m3)	CPF (mg/kg-day)^-1	95% DBR (l/kg-day)	ED (years)	EF (days)	AT (years)	TAH (%)	ASF	Operational Risk (risk/million)
Year	Year									
1	2027	0.00646	1.1	335	1	350	25550	0.73	1	0.02
2	2028	0.00646	1.1	335	1	350	25550	0.73	1	0.02
3	2029	0.00646	1.1	335	1	350	25550	0.73	1	0.02
4	2030	0.00646	1.1	335	1	350	25550	0.73	1	0.02
5	2031	0.00646	1.1	335	1	350	25550	0.73	1	0.02
6	2032	0.00646	1.1	335	1	350	25550	0.73	1	0.02
7	2033	0.00646	1.1	335	1	350	25550	0.73	1	0.02
8	2034	0.00646	1.1	335	1	350	25550	0.73	1	0.02
9	2035	0.00646	1.1	335	1	350	25550	0.73	1	0.02
10	2036	0.00646	1.1	335	1	350	25550	0.73	1	0.02
11	2037	0.00646	1.1	335	1	350	25550	0.73	1	0.02
12	2038	0.00646	1.1	335	1	350	25550	0.73	1	0.02
13	2039	0.00646	1.1	335	1	350	25550	0.73	1	0.02
14	2040	0.00646	1.1	335	1	350	25550	0.73	1	0.02
15	2041	0.00646	1.1	335	1	350	25550	0.73	1	0.02
16	2042	0.00646	1.1	335	1	350	25550	0.73	1	0.02
17	2043	0.00646	1.1	335	1	350	25550	0.73	1	0.02
18	2044	0.00646	1.1	335	1	350	25550	0.73	1	0.02
19	2045	0.00646	1.1	335	1	350	25550	0.73	1	0.02
20	2046	0.00646	1.1	335	1	350	25550	0.73	1	0.02
21	2047	0.00646	1.1	335	1	350	25550	0.73	1	0.02
22	2048	0.00646	1.1	335	1	350	25550	0.73	1	0.02
23	2049	0.00646	1.1	335	1	350	25550	0.73	1	0.02
24	2050	0.00646	1.1	335	1	350	25550	0.73	1	0.02
25	2051	0.00646	1.1	335	1	350	25550	0.73	1	0.02
26	2052	0.00646	1.1	335	1	350	25550	0.73	1	0.02
27	2053	0.00646	1.1	335	1	350	25550	0.73	1	0.02
28	2054	0.00646	1.1	335	1	350	25550	0.73	1	0.02
29	2055	0.00646	1.1	335	1	350	25550	0.73	1	0.02
30	2056	0.00646	1.1	335	1	350	25550	0.73	1	0.02

Massachusetts Ave Warehouse Project Operational DPM Cancer Risks

Cancer Risk Calculation - Location of Maximum Impacted Worker Receptor				467201.9	4E+06		
SCAQMD Guidance	Worker	25-year Exposure				Total Cancer risk	Chronic Non-cancer Hazard
						4.039	0.0078
Annuak DPM Concentration at Max Impacted Sensiive Receptor			0.03924 ug/m3				

		Maximum DPM (ug/m3)	CPF (mg/kg-day)^-1	DBR (l/kg-day)	ED (years)	EF (days)	AT (years)	ASF	Operational Risk (risk/million)
Year	Year								
1	2027	0.03924	1.1	230	0.7	350	25550	1	0.10
2	2028	0.03924	1.1	230	1	350	25550	1	0.14
3	2029	0.03924	1.1	230	1	350	25550	1	0.14
4	2030	0.03924	1.1	230	1	350	25550	1	0.14
5	2031	0.03924	1.1	230	1	350	25550	1	0.14
6	2032	0.03924	1.1	230	1	350	25550	1	0.14
7	2033	0.03924	1.1	230	1	350	25550	1	0.14
8	2034	0.03924	1.1	230	1	350	25550	1	0.14
9	2035	0.03924	1.1	230	1	350	25550	1	0.14
10	2036	0.03924	1.1	230	1	350	25550	1	0.14
11	2037	0.03924	1.1	230	1	350	25550	1	0.14
12	2038	0.03924	1.1	230	1	350	25550	1	0.14
13	2039	0.03924	1.1	230	1	350	25550	1	0.14
14	2040	0.03924	1.1	230	1	350	25550	1	0.14
15	2041	0.03924	1.1	230	1	350	25550	1	0.14
16	2042	0.03924	1.1	230	1	350	25550	1	0.14
17	2043	0.03924	1.1	230	1	350	25550	1	0.14
18	2044	0.03924	1.1	230	1	350	25550	1	0.14
19	2045	0.03924	1.1	230	1	350	25550	1	0.14
20	2046	0.03924	1.1	230	1	350	25550	1	0.14
21	2047	0.03924	1.1	230	1	350	25550	1	0.14
22	2048	0.03924	1.1	230	1	350	25550	1	0.14
23	2049	0.03924	1.1	230	1	350	25550	1	0.14
24	2050	0.03924	1.1	230	1	350	25550	1	0.14
25	2051	0.03924	1.1	230	1	350	25550	1	0.14
26	2052	0.03924	1.1	230	1	350	25550	1	0.14
27	2053	0.03924	1.1	230	1	350	25550	1	0.14
28	2054	0.03924	1.1	230	1	350	25550	1	0.14
29	2055	0.03924	1.1	230	1	350	25550	1	0.14
30	2056	0.03924	1.1	230	1	350	25550	1	0.14

*APPENDIX D.3 – ESTIMATION OF COMBINED CONSTRUCTION AND
OPERATIONAL HEALTH RISK*

Massachusetts Ave Warehouse Project Operational DPM Cancer Risks

Revised

Cancer Risk Calculation -

467788.67 3760754.43

SCAQMD Guidance		Residential	30-year Exposure (Combined Construction and Operation)							Total Cancer risk 3.820	Chronic Non-cancer Hazard 0.000742
Year	Year	Maximum DPM (ug/m3)	CPF (mg/kg-day)^-1	95% DBR (l/kg-day)	ED (years)	EF (days)	AT (years)	TAH (%)	ASF	Operational Risk (risk/million)	
3rd Trimester	2026	0.00371	1.1	361	0.25	250	25550	1	10	0.04	Construction
1	2026	0.00371	1.1	1090	0.75	250	25550	1	10	0.33	Construction
2	2027	0.00371	1.1	1090	0.21	250	25550	1	10	0.09	Construction
2	2027	0.00646	1.1	745	0.79	350	25550	1	3	0.17	Operation
3	2028	0.00646	1.1	745	1	350	25550	1	3	0.22	Operation
4	2029	0.00646	1.1	745	1	350	25550	1	3	0.22	Operation
5	2030	0.00646	1.1	745	1	350	25550	1	3	0.22	Operation
6	2031	0.00646	1.1	745	1	350	25550	1	3	0.22	Operation
7	2032	0.00646	1.1	745	1	350	25550	1	3	0.22	Operation
8	2033	0.00646	1.1	745	1	350	25550	1	3	0.22	Operation
9	2034	0.00646	1.1	745	1	350	25550	1	3	0.22	Operation
10	2035	0.00646	1.1	745	1	350	25550	1	3	0.22	Operation
11	2036	0.00646	1.1	745	1	350	25550	1	3	0.22	Operation
12	2037	0.00646	1.1	745	1	350	25550	1	3	0.22	Operation
13	2038	0.00646	1.1	745	1	350	25550	1	3	0.22	Operation
14	2039	0.00646	1.1	745	1	350	25550	1	3	0.22	Operation
15	2040	0.00646	1.1	745	1	350	25550	1	3	0.22	Operation
16	2041	0.00646	1.1	335	1	350	25550	1	1	0.03	Operation
17	2042	0.00646	1.1	335	1	350	25550	0.73	1	0.02	Operation
18	2043	0.00646	1.1	335	1	350	25550	0.73	1	0.02	Operation
19	2044	0.00646	1.1	335	1	350	25550	0.73	1	0.02	Operation
20	2045	0.00646	1.1	335	1	350	25550	0.73	1	0.02	Operation
21	2046	0.00646	1.1	335	1	350	25550	0.73	1	0.02	Operation
22	2047	0.00646	1.1	335	1	350	25550	0.73	1	0.02	Operation
23	2048	0.00646	1.1	335	1	350	25550	0.73	1	0.02	Operation
24	2049	0.00646	1.1	335	1	350	25550	0.73	1	0.02	Operation
25	2050	0.00646	1.1	335	1	350	25550	0.73	1	0.02	Operation
26	2051	0.00646	1.1	335	1	350	25550	0.73	1	0.02	Operation
27	2052	0.00646	1.1	335	1	350	25550	0.73	1	0.02	Operation
28	2053	0.00646	1.1	335	1	350	25550	0.73	1	0.02	Operation
29	2054	0.00646	1.1	335	1	350	25550	0.73	1	0.02	Operation
30	2055	0.00646	1.1	335	1	350	25550	0.73	1	0.02	Operation

Massachusetts Ave Warehouse Project Operational DPM Cancer Risks

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance	Worker	25-year Exposure	Total	Chronic Non-cancer
			Cancer risk	Hazard
	Construction:	0.193	3.813	0.038600
	Operational:	0.03924		

		Maximum DPM (ug/m3)	CPF (mg/kg-day)^-1	95% DBR (l/kg-day)	ED (years)	EF (days)	AT (years)	ASF	Operational Risk (risk/million)	
Year	Year									
1	2026	0.19300	1.1	230	1.00	250	25550	1	0.48	Construction
2	2027	0.19300	1.1	230	0.21	250	25550	1	0.10	
3	2028	0.03924	1.1	230	1	350	25550	1	0.14	
4	2029	0.03924	1.1	230	1	350	25550	1	0.14	
5	2030	0.03924	1.1	230	1	350	25550	1	0.14	
6	2031	0.03924	1.1	230	1	350	25550	1	0.14	
7	2032	0.03924	1.1	230	1	350	25550	1	0.14	
8	2033	0.03924	1.1	230	1	350	25550	1	0.14	
9	2034	0.03924	1.1	230	1	350	25550	1	0.14	
10	2035	0.03924	1.1	230	1	350	25550	1	0.14	
11	2036	0.03924	1.1	230	1	350	25550	1	0.14	
12	2037	0.03924	1.1	230	1	350	25550	1	0.14	
13	2038	0.03924	1.1	230	1	350	25550	1	0.14	
14	2039	0.03924	1.1	230	1	350	25550	1	0.14	Operation
15	2040	0.03924	1.1	230	1	350	25550	1	0.14	
16	2041	0.03924	1.1	230	1	350	25550	1	0.14	
17	2042	0.03924	1.1	230	1	350	25550	1	0.14	
18	2043	0.03924	1.1	230	1	350	25550	1	0.14	
19	2044	0.03924	1.1	230	1	350	25550	1	0.14	
20	2045	0.03924	1.1	230	1	350	25550	1	0.14	
21	2046	0.03924	1.1	230	1	350	25550	1	0.14	
22	2047	0.03924	1.1	230	1	350	25550	1	0.14	
23	2048	0.03924	1.1	230	1	350	25550	1	0.14	
24	2049	0.03924	1.1	230	1	350	25550	1	0.14	
25	2050	0.03924	1.1	230	1	350	25550	1	0.14	
25	2051	0.03924	1.1	230	0.79	350	25550	1	0.11	