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WHERE EXPERIENCE AND PASSION MEET

To: City of Norwalk Community Development

From: Elaina Chambers, Alex J. Garber, EPD Solutions Inc.

Date: 3/21/2025

Re: Revised Health Risk Assessment Memorandum for the 14830 Carmenita Norwalk Project

EPD Project Number 23-078

INTRODUCTION

This technical memorandum presents a review of the updated analysis prepared for the revised Health Risk Assessment for the 14830 Carmenita Road Project (Project) based on the revised construction information provided by the Project Applicant and to correct technical modeling issues. The Project site is currently developed with two multi-tenant industrial warehouse buildings which total 89,970 square feet (SF). An updated site plan for the Project reflects a reduced proposed square footage of 138,972 SF. The proposed Project would demolish the existing warehouse buildings on the site and redevelop the site with approximately 138,972 SF of speculative general light industrial and warehouse. This includes 3,715 SF of office space and 3,030 SF of mezzanine. For the purposes of this analysis, a previously provided site plan of 144,901 SF was utilized to yield a conservative analysis. The Project site plan can be found in Figure 2 of Appendix A, *Project Site Plan*.

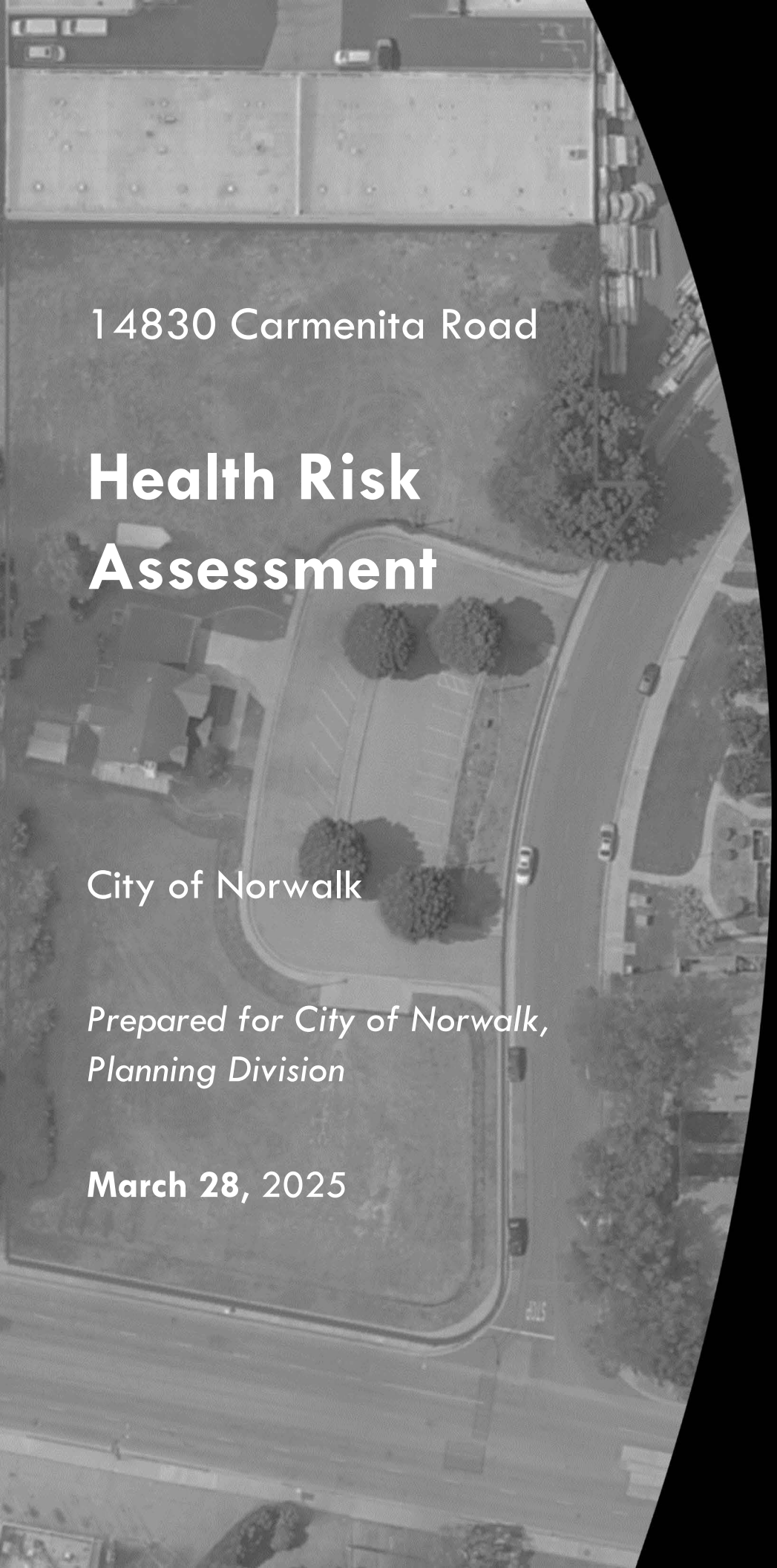
The Health Risk Assessment prepared for the Project that was circulated for public review determined that the Project would result in a less than significant construction and combined cancer risk impacts with Tier 4 Final mitigation implemented for equipment during construction for any equipment greater than 50 horsepower. In response to comments received on the Public Review Draft IS/MND and associated Health Risk Assessment, the analysis was remodeled as the previous Health Risk Assessment assumed a 24 hour construction schedule for 7 days per week, instead of an 8 hour construction schedule consistent with the Project's CalEEMod and the assumptions used for the Air Quality, Energy, and GHG analysis. This previous technical error resulted in the cancer risk estimation for construction and combined cancer risks to exceed the SCAQMD threshold of 10 in one million. This technical error was revised, and this analysis included in Appendix A to this memorandum demonstrates that Project construction would result in a less than significant health risk impact when utilizing the accurate 8 hours per day, for 5 days work week assumption. Additionally, an update was required for modeling of the demolition phase as onsite crushing and processing equipment was determined to be needed. Therefore, consistent with the updated Air Quality, Energy, and Greenhouse Gas report, one Crushing/Processing Equipment was added to the construction analysis of the report during the demolition phase. The demolition volumes were also increased in the CalEEMod analysis, from 8,396 tons of debris to 13,888 tons of debris to represent a more conservate estimate of the demolition volumes required. Thus, the updated demolition volume was included in the remodel of this assessment.

As seen in the analysis found in Appendix A, remodeling demonstrates that impacts would now be less than significant without the implementation of mitigation. The revised analysis does not constitute the type of significant new information that requires recirculation of the 14830 Carmenita Road Warehouse Project Public Review Draft IS/MND for further public review under State CEQA Guidelines Section 15073.5, *Recirculation of a Negative Declaration Prior to Adoption*. None of this new material indicates that the Project

will result in a significant new environmental impact not previously disclosed in the 14830 Carmenita Road Warehouse Project Public Review Draft IS/MND. Additionally, none of this information indicates that there would be a substantial increase in the severity of a previously identified environmental impact that will not be mitigated, or that there would be any of the other circumstances requiring recirculation described in State CEQA Guidelines Section 15073.5.

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APPENDIX A- 14830 CARMENITA ROAD HEALTH RISK ASSESSMENT



14830 Carmenita Road

Health Risk Assessment

City of Norwalk

Prepared for City of Norwalk, Planning Division

March 28, 2025

Prepared by

Elaina Chambers,
Air Quality Specialist

Alex Garber,
Sr. Technical Planner

Contact:
techservices@EPDsolutions.com

E|P|D
SOLUTIONS, INC

949.794.1180
3333 Michelson Drive, Suite 500
Irvine, CA 92612

EPDSolutions.com

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1 INTRODUCTION

This Health Risk Assessment evaluates the potential impacts of the proposed 14830 Carmenita Road Project (proposed Project). The Project site is located at 14830 Carmenita Road in the City of Norwalk, within the jurisdiction of the South Coast Air Quality Management District (SCAQMD). The Project site is currently developed with two multi-tenant industrial warehouse buildings which total 89,970 square feet (SF). An updated site plan for the Project reflects a reduced proposed square footage of 138,972 SF. The proposed Project would demolish the existing warehouse buildings on the site and redevelop the site with approximately 138,972 SF of speculative general light industrial and warehouse. This includes 3,715 SF of office space and 3,030 SF of mezzanine. For the purposes of this analysis, a previously provided site plan of 144,901 SF is utilized to yield a conservative analysis. The Project location and site plan can be found in *Figure 1* and *Figure 2*, respectively.

1.1 Access and Circulation

The Project includes two driveways: one located on Excelsior Drive and another on Carmenita Road. Both driveways are designated for use by both autos and trucks, providing full access; however, the driveway on Excelsior Drive is the only one with direct access to the site. Therefore, Excelsior Drive entrance/exit, located on Excelsior Drive to the south of the Project, was assumed to be used for 100% of construction trips. While for operation, 95% of trips would utilize the driveway on Excelsior Drive, and 5% would utilize the driveway on Carmenita Road, traveling through the adjacent property. For the purpose of this analysis, no credit was taken from the existing warehouse buildings. Onsite circulation would be provided via a 12-meter-wide drive aisle that would double as a fire lane.

1.2 Parking and Loading Docks

The Project would provide 140 stalls for auto parking, including 110 standard stalls, 6 accessible stalls, and 25 electric and future electric vehicle stalls. Standard parking stalls would be located along the south and southeast boundary of the Project as well as along the western site boundary of the proposed building. For this analysis, the previously provided site plan consisting of 142 stalls, including a higher amount of 111 standard stalls, is used to yield a conservative analysis. Additionally, the Project would include 22 dock doors located along the south side of the proposed building. The parking and loading dock details can be found in the site plan in Figure 2.

1.3 Operational Characteristics

The Project proposes a speculative general light industrial and warehouse building, with associated administrative offices. Operational characteristics include employee trips, deliveries to and from the site, and truck loading and unloading. Additionally, it is assumed that the proposed Project would utilize and equip up to 20% of the warehouse area, totaling 21,735 SF, dedicated to cold storage. The proposed Project would also include one diesel emergency backup generator and one diesel fire pump. The Excelsior Drive entrance/exit would be the main point of entry, with 95% of the operational trips assumed to utilize that access. The Carmenita Road entrance/exit located east of the Project, was assumed to handle the

additional 5% of operational trips. In order to provide a conservative analysis, operations are assumed to be 24 hours a day, seven days a week since no industrial operation hours are stated in the City of Norwalk municipal code.

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 health risk assessment (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 (ARB) as a carcinogenic substance responsible for nearly 70% of the airborne cancer risk in California.0F[1] The estimated health risk impacts from the Project construction were compared to the health risk significance thresholds recommended by the SCAQMD for use in CEQA assessments.

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). Within the CalEEMod model (version 2022.1), the emission source model was used to calculate exhaust emissions from mobile sources such as diesel trucks.
- 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) 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)1F[2] and the SCAQMD.[3]

1.5 Summary of the Results

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 maximum construction DPM emissions would not exceed the non-cancer health risk significance threshold of 1.0. The operational maximum DPM emissions would not exceed the lifetime cancer risk threshold, nor the non-cancer hazard index (HI) threshold. Finally, the Project's combined construction would not exceed the non-cancer risk significance threshold. Below are the impact results for lifetime and worker cancer risk, as well as lifetime non-cancer risk calculations and combined construction and operational health risk impacts.

Project Construction Health Risk Results:

- Sensitive/residential receptor for the 30-year lifetime exposure duration: 1.75 in one million,

[1] 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
[2] California Office of Environmental Health Hazards Assessment 2015. Air Toxics Hot Spots Program. Risk Assessment Guidelines. Guidance Manual for Preparation of Health Risk Assessments. Website: https://oehha.ca.gov/media/downloads/crnr/2015guidancemanual.pdf
[3] SCAQMD. (2017). *Risk Assessment Procedures for Rules 1401, 1401.1, 1402, and 212, Version 8.1.*

- Worker receptor: 1.83 in one million,
- Sensitive receptor Chronic non-cancer HI: <0.01,
- Worker receptor Chronic non-cancer HI: 0.13.

Project Operational Health Risk Results:

- Sensitive/residential receptor for the 30-year lifetime exposure duration: 6.22 in one million,
- Worker receptor: 2.96 in one million,
- Sensitive receptor Chronic non-cancer HI: <0.01,
- Worker receptor Chronic non-cancer HI: 0.01.

Combined Construction/Operational Health Risk Results:

- Sensitive/residential receptor for the 30-year lifetime exposure duration: 6.50 in one million,
- Worker receptor: 3.57 in one million.

The Project's individual construction, 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.

Figure 1: Project Location Figure

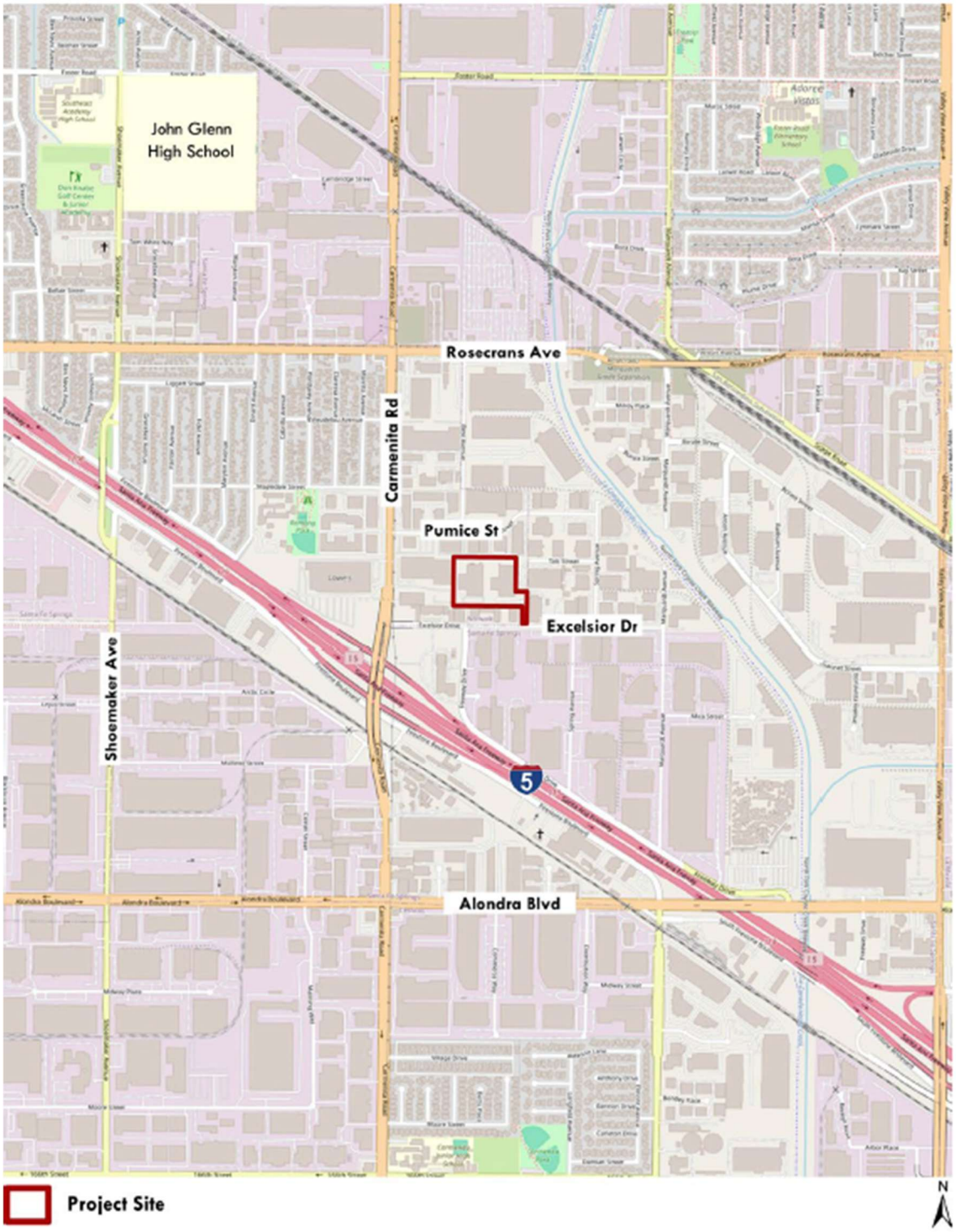
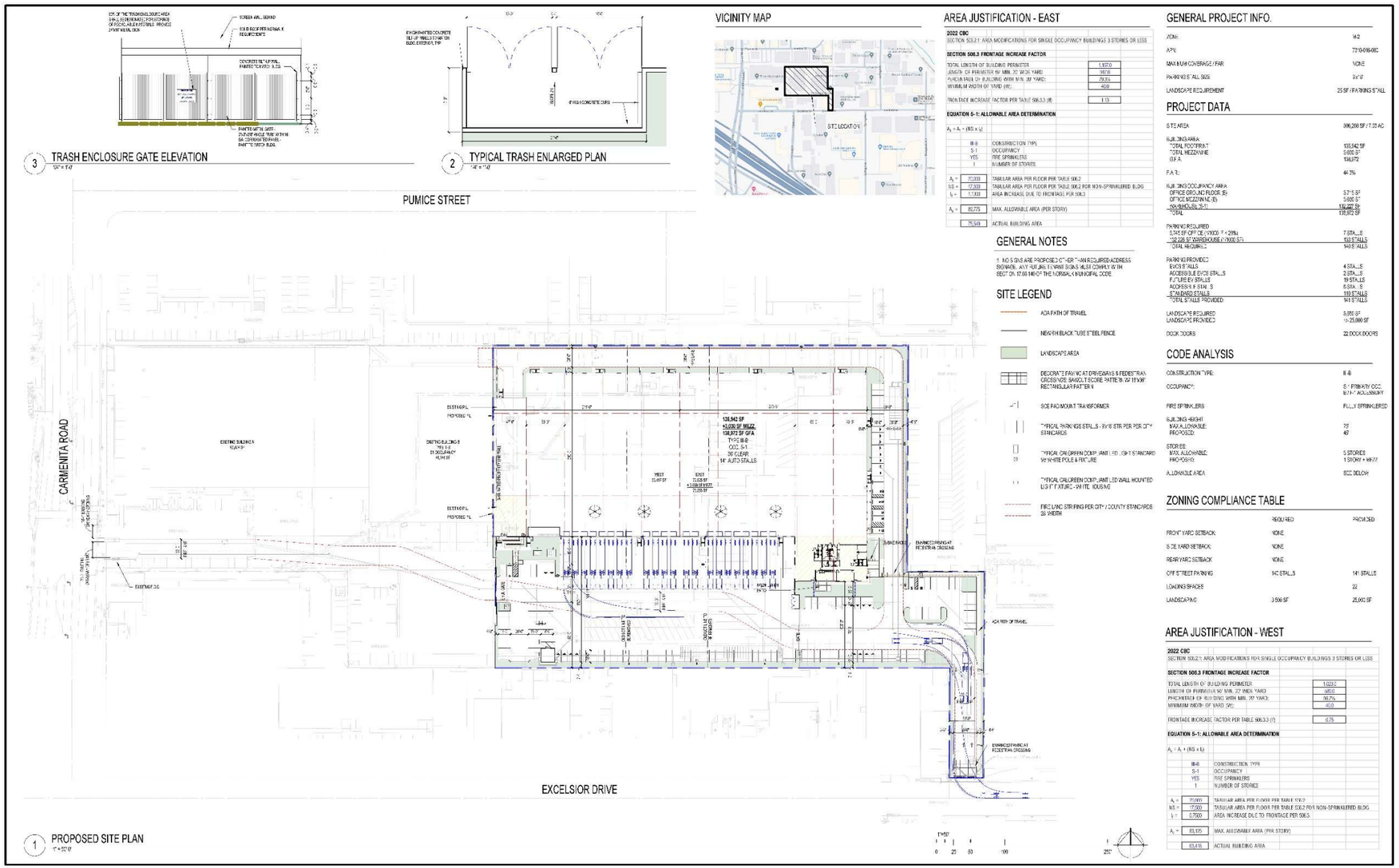


Figure 2: Project Site Plan



Source:

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2 HEALTH RISK ASSESSMENT

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

- Identification of the toxic air contaminants (TACs) that may be present in the air;
- Estimation of the amount of TACs released from all emission sources using emission models;
- Estimation of the airborne concentrations of TACs in the geographic area of concern using air dispersion models using information about emissions, source locations, weather, and other factors;
- 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."*[4]

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 included assumptions regarding emission source quantification, configurations and locations, receptor locations, air dispersion modeling, and health risk modeling. As noted above, this HRA focused on DPM emissions that the ARB has identified as the principal airborne carcinogenic substance in California. For purposes of this HRA, DPM was assumed to be comprised of PM_{10} vehicle exhaust emissions.

[4] California Health and Safety Code Section 44306 Chapter 1252. (1987) AB 2588.

2.1 SCAQMD Significance Thresholds

Project-Level

The City of Norwalk has not adopted a numerical significance threshold for cancer risk or non-cancer hazards. 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 HI: 1.0

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).[5] The MATES-V study expresses cumulative TAC impacts in terms of potential increased cancer risks. 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. The 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. Because the existing cancer risk levels already exceed the cumulative significance threshold of 10 in one million, a cumulatively significant impact already exists at the Project site.

The SCAQMD has published a white paper[6] on addressing cumulative impacts from air pollution. The SCAQMD considers projects that exceed the Project-specific significance thresholds to be cumulatively considerable. Therefore, the Project-specific (noted above) and cumulative significance thresholds are the same. As a result, projects that do not exceed the Project-specific thresholds are not considered to be cumulatively significant.

2.2 Health Risk 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). A risk level of ten in a million

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

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

implies a likelihood that up to ten people in a population of one million equally exposed people could contract cancer if exposed continuously (24 hours per day) to the levels of TACs over a specified duration of time. This risk is an excess cancer risk in addition to any environmental cancer risk borne by a person not exposed to 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: 3rd 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.[7] The risks for each age group are summed together to provide a total estimate of lifetime cancer risks for sensitive receptors. To estimate the cancer risk, the $Dose_{air}$ is estimated by applying the following equation to the DPM concentration at each receptor as calculated by the air dispersion model:

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

Where:

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

C_{DPM} = period average concentration of DPM as estimated by the air dispersion model ($\mu g/m^3$)

DBR = daily breathing rate for each age group (liters/kg-day)—see Table 7

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:

$$\text{Cancer Risk} = \sum_{i=1}^{n} Dose_{air,i} \times CPF \times ASF_i \times ED_i \times FAH_i/AT \quad \text{(EQ-2)}$$

Where:

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

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

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

ASF_i = age sensitivity factors (see Table 1)

ED_i = exposure duration (years)—see Table 1

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

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

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

n = number of age groups

For the purpose 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 uses the OEHHA recommended 30-year exposure, the Project's construction duration is expected to only span 1.15 years (4 months); thus, the construction health risk impact is only calculated across the 1.15 years of construction, from the third trimester pre-birth in 2025 to the year of construction completion in the third quarter of 2026.

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 (ED) (Years)		Age Sensitivity Factors (ASF)	Factor Time at Home (FAH)	Daily Breathing Ratea (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)									
3rd Trimester to Birth	8	250	24	350	0.25	0.25	10	1	361
0 to 2 years	8	250	24	350	0.90	2	10	1	1,090
2 to 16 years	8	250	24	350		14	3	1	745
16 to 30 years	8	250	24	350		14	1	0.73	335
Sensitive Receptor/Residential Child (9-year duration)									
3rd Trimester to Birth	8	250	24	350	0.25	0.25	10	1	361
0 to 2 years	8	250	24	350	0.90	2	10	1	1,090
2 to 9 years	8	250	24	350		7	3	1	861
Sensitive Receptor/Residential Receptor – Adult (30-year duration)									
17 years and older	8	250	24	350	1.15	30	1	0.73	335
Worker Receptor (25-years duration)									
17 years and older	8	250	8	350	1.15	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 or greater. An HI of less than 1 indicates that no significant health risks are expected from the facility's TAC emissions. The following equation gives the relationship for the non-cancer hazards for TACs:

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

Where:

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

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

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 a REL for DPM of 5 $\mu g/m^3$.

2.3 Estimation of Project DPM Emissions

Construction DPM Emissions

Construction emissions were calculated using the latest California Emissions Estimation Model version, CalEEMod Version 2022.1.[8] 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 construction equipment that would operate onsite. Additional DPM emissions would occur from the operation of construction vehicles that travel to/from the Project during construction (haul trucks, vendor trucks, and worker vehicles). The travel links used to estimate the construction DPM emissions were: 100% trucks entering and exiting the site through the south driveway on Excelsior Drive, and 50% of trips utilizing the I-5 North ramp, and the remaining 50% of trips utilizing the I-5 South ramp. These construction travel link assumptions can be found in Appendix C.1.

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 emission 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 PM_{10} exhaust emissions calculated from CalEEMod. Table 2 shows the

[8] California Air Resources Board 2017. https://ww2.arb.ca.gov/msei-road-archives-0.

Project's construction schedule and Table 3 shows the Project's proposed construction equipment. Table 4 shows the proposed construction vehicle use for worker, vendor, and hauling trips. Table 5 depicts the daily average DPM emissions of the Project's construction, without mitigation. Figure 3 provides the locations of the construction onsite and offsite construction DPM emission sources.

Table 2: Construction Schedule

Activity	Start Date	End Date	Total Days
Demolition	9/2/2025	9/30/2025	20
Site Preparation	10/1/2025	10/15/2025	10
Grading	10/16/2025	11/13/2025	20
Building Construction	11/14/2025	9/3/2026	210
Paving	9/4/2026	10/1/2026	20
Architectural Coating	10/1/2026	10/28/2026	20

Source: See CalEEMod Output in Appendix A.**1**

Table 3: Proposed Project Construction Equipment Inventory

Activity	Equipment	Daily Equipment Quantity	Project Hours per day	Default Horsepower	Default Load Factor
Demo	Concrete/Industrial Saws	1	8	33	0.73
	Excavator	3	8	36	0.38
	Rubber Tired Dozers	2	8	367	0.4
	Crushing/Proc Equipment	1	8	200	0.6
Site Preparation	Rubber Tired Dozers	3	8	367	0.4
	Crawler Tractors	4	8	87	0.43
Grading	Grader	1	8	148	0.41
	Excavator	1	8	36	0.38
	Rubber Tired Dozers	1	8	367	0.4
	Crawler Tractors	3	8	87	0.43
Building Construction	Forklift	3	8	82	0.2
	Generator	1	8	14	0.74
	Crane	1	8	367	0.29
	Welder	1	8	46	0.45
	Tractor	3	8	84	0.37
Paving	Paver	2	8	81	0.42
	Paving	2	8	89	0.36
	Roller	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	Construction Trips per Day		
	Worker	Vendor Truck	Haul Truck
Demolition	15	0	105
Site Preparation	18	0	0
Grading	15	0	183
Building Construction	61	24	0
Paving	15	0	0
Architectural Coating	12	0	0

Source: See CalEEMod Output in Appendix A

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

Activity	Work Days	On-Site	Off-Site	Total
		Maximum Daily DPM Emissions[1] (pounds/day)	Maximum Daily DPM Emissions[1] (pounds/day)	Maximum Daily Construction Emissions (pounds/day)
2025				
Demolition	20	0.85	0.09	
Site Preparation	10	0.99	<0.01	
Grading	20	0.64	0.16	
Building Construction	35	0.55	0.01	
Maximum Daily Construction Emissions 2025		1.10	0.16	**1.26**
2026				
Building Construction	175	0.55	0.01	
Paving	20	0.39	<0.01	
Architectural Coating	20	0.09	<0.01	
Maximum Construction Emissions 2026		0.55	0.01	**0.56**
2025-2026 Maximum Daily Construction Emissions (pounds/day)				**1.26**

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

The first requirement to conduct the HRA involves identifying and quantifying the sources of operational DPM air emissions from the Project, also termed an emission 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 operation of the Project derive from the heavy-duty diesel trucks that travel to and from and within the project site each day. Additional DPM emissions would result from the operation of the stationary emergency generator set and the diesel fire pump. Details of these emission sources can be found in Table 11, *Summary of Construction and Operational Emissions Source Configuration*.

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 PM_{10} 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 ARB EMFAC2021 mobile source emission model provides emission rates for user-defined heavy-duty truck speeds, fuel type, vehicle class, and model year.

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

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

$$\text{Idling Emissions}_{ID} = \sum_{i=1}^{n} (IdNum_i \times T_i \times EFi)$$

Where:

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

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

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

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

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

$IdNum_i$ = Number of idling vehicles by vehicle class

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

n = Number of vehicle classes

$_i$ = Vehicle class

2.4 Mobile Source Activity Levels

The motor vehicle activity levels were estimated using the vehicle trip information provided in the Level of Service (LOS) Memorandum[9] summarizes the daily motor vehicle trips from the Project based on information derived from the Project Trip Generation Report. The trip rate estimates shown at the top of Table 6 refer to both gasoline and diesel-fueled vehicles. Table 6 presents the percentage of diesel vehicle trips by heavy-duty vehicle class for Los Angeles County in 2023, as derived from the EMFAC2021 mobile source emission model. Table 7 presents the number of heavy-duty diesel trips for the Project operation based on the total number of vehicle trips and Table 8 presents the diesel vehicle percentages provided in the EMFAC2021 emission model. Calculation details can be found in Appendix C.2 Data Attachment.

Table 6: Project Daily Operational Vehicle Trips

Area		Trip Rate (trips/TSF)
Building 1 (Warehousing): 115,921 SF		1.71
Building 2 (General Light Industrial): 28,980 SF		4.87
Building 1: Warehousing		
Fleet Mix	**Percentage of Fleet**	**Vehicle Trips per Day**
Passenger Cars (LDA, LDT1, LDT2, MDV)	55.30%	110
2-axle Trucks (LHDT1, LHDT2)	15.50%	31
3-axle Trucks (MHDT)	4.90%	10
4-axle Trucks (HHDT)	24.30%	48
Building 1 Total	**100%**	**198**
Building 2: General Light Industrial		
Fleet Mix	**Percentage of Fleet**	**Vehicle Trips per Day**
Passenger Cars (LDA, LDT1, LDT2, MDV)	72.50%	102
2-axle Trucks (LHDT1, LHDT2)	4.60%	6
3-axle Trucks (MHDT)	5.70%	8
4-axle Trucks (HHDT)	17.20%	24
Building 2 Total	**100%**	**141**
Total	**100%**	**339**

Source: See Data Attachment in Appendix C.2
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

[9] EPD Solutions, Inc. (2024). *Carmenita LOS Memo*.

Table 7: Diesel Heavy-Duty Truck Vehicle Fleet

Type of Vehicle	Diesel Fuel Vehicles (% of Vehicle Trips)
Light heavy-duty truck (LHDT1)	34.39%
Light heavy-duty truck (LHDT2)	62.05%
Medium heavy-duty truck (MHDT)	100%
Heavy heavy-duty truck (HHDT)	100%

Source: See Data Attachment in Appendix C.2

Table 8: Number of Daily Project Diesel Truck Vehicle Trips

Type of Vehicle	Daily Diesel Vehicle Trips
Light heavy-duty truck (LHDT1)	10
Light heavy-duty truck (LHDT2)	5
Medium heavy-duty truck (MHDT)	18
Heavy heavy-duty truck (HHDT)	72
Total	**105**

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 offsite 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, as well as the adjacent parcel when utilizing the Carmenita Road driveway. Once on either Excelsior Drive or Carmenita Road, vehicles were analyzed as traveling 25 miles per hour. The Project's operational travel link assumptions can be found in Appendix C.2.

DPM Truck Emission Factors

The DPM (as PM_{10} exhaust) emission factors were derived from the ARB EMFAC2021, within Los Angeles, for the Project's opening year of 2026. The model retrieved mobile source emission model in terms of grams per mile (grams/VMT) for the running exhaust emissions and grams per idle-hour (g/idle-hr) for idling emissions. The 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 20% of the industrial warehouse floor space, resulting in 21,735 SF of the Project's total square footage could 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. Each TRU was assumed to operate for 60 minutes at the loading docks as a reasonable estimate of the time to unload/load product. DPM emissions for the TRUs were derived

from the ARB OFFROAD2021 mission model for the SCAQMD in 2026.[10] The Data Attachment in Appendix C.2 presents the data and assumptions for estimating the TRU emissions. Table 9 presents the DPM (as PM_{10} exhaust) emission factors that were applied in this HRA. Figure 4 provides the locations of the operational onsite and offsite DPM emission sources.

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)	0.331	0.063	0.030
Light heavy-duty truck (LHDT2)	0.553	0.063	0.030
Medium heavy-duty truck (MHDT)	0.050	0.041	0.011
Heavy heavy-duty truck (HHDT)	0.813	0.015	0.007

Source: See Data Attachment in Appendix C.2

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

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 computer programs that solve algorithms simulating the movement and dispersion of air pollutants. The air dispersion model uses emissions from various emission sources and meteorological data such as wind speed and direction, air temperature, and atmospheric mixing rates to estimate the air pollutant impacts at various geographic locations (referred to as receptor locations).

Tables 10 and 11 provide the general assumptions applied in the AERMOD model (Version 23132).

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 18081; Data Set: 8930_75m.dem and 9047_75m.dem
Land Use	Urban based on land use patterns surrounding the Project site
Meteorological Data	Fullerton Municipal Airport, CA used for the years 2012-2016 from SCAQMD as representative of meteorological conditions on the Project site.
Receptor locations and heights	A network grid was used to include all existing residences and worker locations surrounding the Project site. Additional receptors were located at nearby residences. Finally, receptors were placed at ground level.
Population	City of Norwalk: 98,537 Greater Los Angeles Metropolitan Area: ~18,600,000
Building Profile Heights	Surrounding building height dimensions input to analyze the sidewash effect from building downwash due to meteorological factors.

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

Table 11: Summary of Construction and Operational Emission 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 3.33 acres or144,901 SF); • Construction Equipment emission source release height – 5 meters; • Emissions generated from the CalEEMod model; • Construction operations: 8 hours a day, 250 days a year.
Construction Vehicle Traffic	Line Area Source	• Line Source release height: 3.11 meters (10.2 feet) with a plume height of 6.2 meters (20.4 feet) (EPA Haul Roads Calculator); • Travel to and from the Project's site. Routes assumed traveling to and from: • Offsite Routes used are as follows: Offsite Route 1: Site>Carmenita Rd.>Intersection 5%; Offsite Route 2: Sire>Excelsior Dr.>Intersection 95%;

		Offsite Route 3: Intersection> I-5 Ramp Junction 100%; Offsite Route 4: !-5 Ramp Junction>I-5 North Ramp 50%; Offsite Route 5: !-5 Ramp Junction>I-5 South Ramp 50%; • Construction operations: 8 hours a day, 250 days a year.
Onsite Diesel Vehicle Traffic	Line Area Sources	• Line source: height – 3.11 meters (10.2 feet) and plume height 6.2 meters (20.4 feet) (EPA Haul Roads Calculator); • Operational Site access: 5% accessed west of the site by Carmenita Road; 95% accessed south of the site by Excelsior; • Vehicle types: see Table 7 and 8; includes TRU emissions; • Assumed two lanes, in and out of driveways onsite as number of truck trips; • Emission factor: ARB EMFAC 2021; DPM (as PM10 exhaust) emission factors at 5 mph for 2026 for the Los Angeles County – South Coast Air Basin; no credit for future emission factor reductions; • TRU assumed to operate for 1 hour at the loading dock; 20% assumed TRU; • Operations: Assumed 24 hours for conservative analysis.
Onsite Diesel Truck Idling	Point Sources distributed along proposed loading docks	• Stack release height = 12 feet; • Idle time: 60 minutes per truck per day; • Vehicle type: heavy-duty diesel haul trucks including TRU emissions; • Emission factor: ARB EMFAC 2021 for Los Angeles County –South Coast Air Basin subarea; • TRU assumed to operate for 1 hour at the loading dock; • Operations: Assumed 24 hours for conservative analysis.
Onsite Emergency Generator and Fire Pump	Point Source	• Release Height: 2.256 meters (7.4 feet); • 238 hp, 0.15 grams/hp-hr emission rate; • Limited to 50 hours per year for maintenance and testing.
Building Downwash	Polygonal Building	• Buildings analyzed in a 6,000 feet surrounding perimeter, outlined by Carmenita Road, Excelsior Drive, Spring Avenue (East of the Project site) and Pumice Street (North of the Project site); • Building height inputs approximated, ranging from 15 feet to 45 feet.

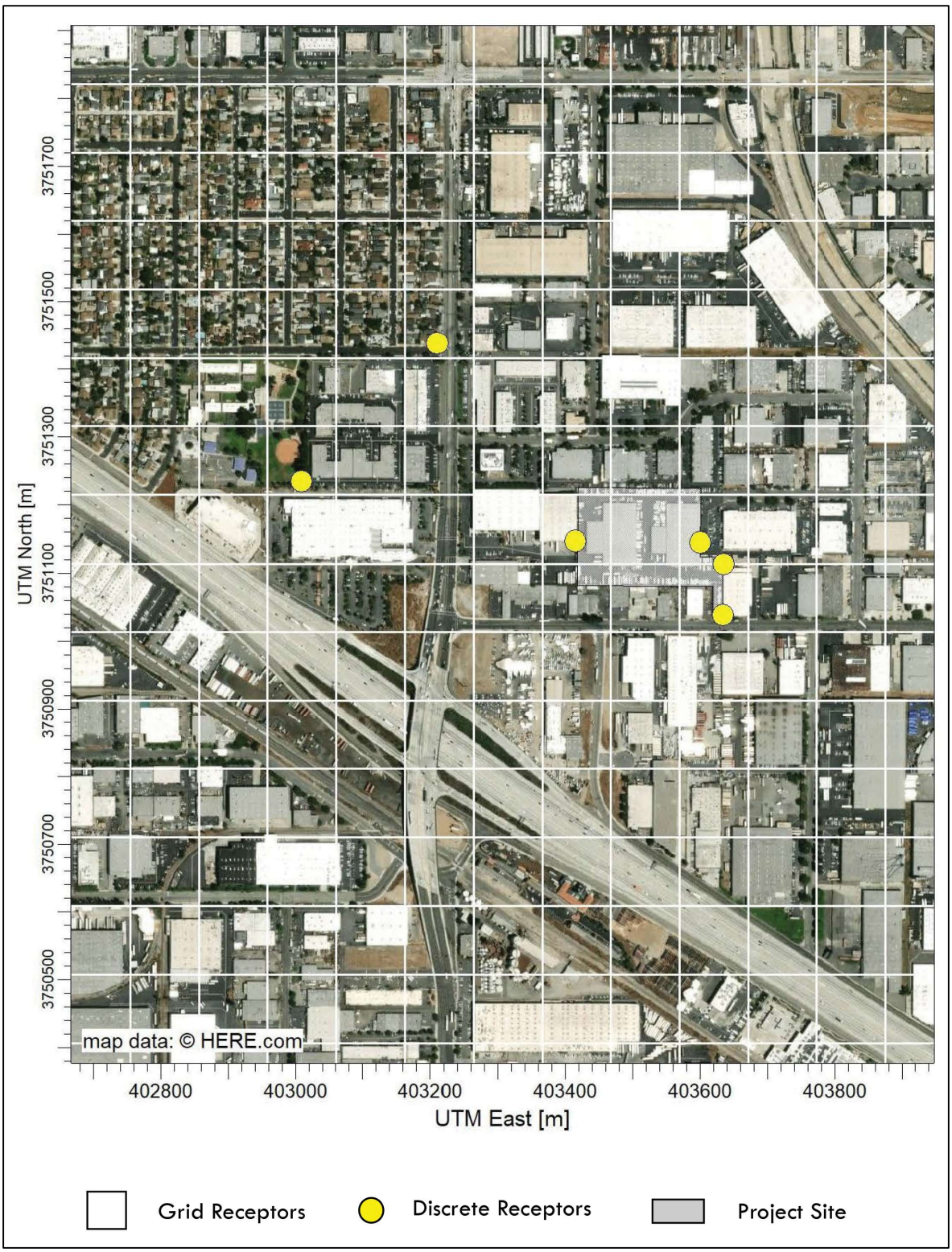
Source: See Data Attachment in Appendix B.1-B.2.

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 purposes of this HRA, sensitive receptors were placed within the air dispersion model at the location of existing residences and locations along the offsite Project vehicle travel routes. In addition, a regular grid network of receptors was placed over the Project site to complete the receptor network. The nearest sensitive receptor was a residence located approximately 1,310 feet (400 meters) west of the Project boundary, while the nearest worker receptor was located at a light

manufacturing building 70 feet (21.5 meters) to the north of the Project boundary. Figure 5 shows the receptor locations included in the HRA.

Figure 5: Locations of Air Dispersion Model 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 and chronic non-cancer hazards resulting from the Project's construction, operational, and combined DPM emissions along with the SCAQMD health risk significance thresholds. As noted from Table 12 and Table 13, the estimated maximum cancer risk is for construction and operation is 1.75 and 6.22 in one million for sensitive/residential receptors, respectively, which would not exceed the 10 in one million significance threshold. As noted from Table 14, the Project's combined construction and operational would result in a health risk impact of 6.50 in one million, also below the 10 in one million significance threshold. Additionally, as noted from Table 12-14, the worker receptors estimated health risk for all three model scenarios would be below the 10 in one million significance threshold.

In addition to identifying the cancer risk, Tables 12 and 13 show the maximum non-cancer HI for the project construction and operation respectively. As noted from Tables 12 and 13, the Project's construction, operation, and combined construction and operation would result in an HI below SCAQMD's threshold of 1.0 for both sensitive receptors and worker receptors. The Project's estimated maximum non-cancer health risk during the Project would occur during the construction phase, for a results of 0.13 for the maximum impacted worker receptor-which would not exceed the HI threshold of 1.0.

Table 12: Summary of Proposed Project Construction Health Risk

Receptor	Cancer Risk (per million)		Exceeds Significance Threshold?
	Maximum Lifetime Proposed Project Risk	Significance Threshold	
Maximum Impacted Sensitive Receptor – Infant to Adult (30 years)	1.75	10	No
Maximum Impacted Sensitive Receptor – Child	1.75	10	No
Maximum Impacted Sensitive Receptor – Adult	0.04	10	No
Maximum Impacted Worker Receptor	1.83	10	No
Receptor	**Chronic Non-Cancer Hazard Index**		**Exceeds Significance Threshold?**
	Maximum Lifetime Proposed Project Risk	**Significance Threshold**	
Maximum Impacted Sensitive Receptor – Infant to Adult (30 years)	<0.01	1.0	No
Maximum Impacted Sensitive Receptor – Child	<0.01	1.0	No
Maximum Impacted Sensitive Receptor – Adult	<0.01	1.0	No
Maximum Impacted Worker Receptor	0.13	1.0	No

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 – Infant to Adult (30 years)	6.22	10	No
Maximum Impacted Sensitive Receptor – Child	4.42	10	No
Maximum Impacted Sensitive Receptor – Adult	0.79	10	No
Maximum Impacted Worker Receptor	2.96	10	No
Receptor	**Chronic Non-Cancer Hazard Index**		**Exceeds Significance Threshold?**
	Maximum Lifetime Proposed Project Risk	**Significance Threshold**	
Maximum Impacted Sensitive Receptor – Infant to Adult (30 years)	<0.01	1.0	No
Maximum Impacted Sensitive Receptor – Child	<0.01	1.0	No
Maximum Impacted Sensitive Receptor – Adult	<0.01	1.0	No
Maximum Impacted Worker Receptor	0.01	1.0	No

Source: See Data Attachment in Appendix D.~~2~~3

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

Receptor	Cancer Risk (per million)		Exceeds Significance Threshold?
	Maximum Lifetime Proposed Project Risk	Significance Threshold	
Maximum Impacted Sensitive Receptor – Infant to Adult (30 years)	6.50	10	No
Maximum Impacted Worker Receptor	3.57	10	No

Source: See Data Attachment in Appendix D.3.

Cumulative Analysis

The TAC emission 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 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.[11] The 1,000-foot evaluation distance is supported by research-based

[11] 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.

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. The search radius for this Project was extended to 0.25 miles (1,320 feet) to identify potential cumulative sources.

Within the surrounding region of approximately 0.25 miles around the Project, there is an ensuing industrial development project located 0.13 miles (217 meters) north of the Project boundary at 14516 Carmenita Road. The 14516 Carmenita project's VMT Evaluation estimated a reduction in truck trips for the project in comparison with the existing warehouse on the site, generating 12 fewer daily truck trips.[12] Thus, the 14516 Carmenita Road project was not included in the cumulative analysis as the implementation of the project would reduce, not increase, the cumulative impact of DPM emissions in the area.

The maximum cancer risk for the proposed Project is less than the 10 in one million project-level threshold, and with no cumulative increase in DPM emissions from surrounding projects, the Project would also result in a less than significant cumulative impact without mitigation.

3.2 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 operational impacts would not exceed the 10 in 1 million cancer risk threshold, nor the 1.0 non-cancer hazard index threshold. The onsite and off-road equipment, the Project's maximum construction, operational, and combined health risk impacts would result in the following:

Project Construction Health Risk Results:

- Sensitive/residential receptor for the 30-year lifetime exposure duration: 1.75 in one million,
- Worker receptor: 1.83 in one million,
- Sensitive receptor Chronic non-cancer HI: <0.01,
- Worker receptor Chronic non-cancer HI: 0.13.

Project Operational Health Risk Results:

- Sensitive/residential receptor for the 30-year lifetime exposure duration: 6.22 in one million,
- Worker receptor: 2.96 in one million,
- Sensitive receptor Chronic non-cancer HI: <0.01,
- Worker receptor Chronic non-cancer HI: 0.01.

Combined Construction/Operational Health Risk Results:

- Sensitive/residential receptor for the 30-year lifetime exposure duration: 6.50 in one million,
- Worker receptor: 3.57 in one million.

The Project's individual construction, 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

[12] Urban Crossroads. (2023). *Vehicle Miles Traveled Evaluation for Proposed 14516 Carmenita Road Industrial Project*. https://www.norwalk.org/home/showpublisheddocument/28467/638248332448570000.

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 without mitigation.

APPENDIX A- CALEEMOD OUTPUT FOR PROJECT'S CONSTRUCTION AND OPERATION

23-078 Carmenita Norwalk-Tier3-Crush Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	23-078 Carmenita Norwalk-Tier3-Crush
Construction Start Date	9/2/2025
Operational Year	2026
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	1.80
Precipitation (days)	8.00
Location	14830 Carmenita Rd, Norwalk, CA 90650, USA
County	Los Angeles-South Coast
City	Norwalk
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	4867
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.29

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 Light Industry	29.0	1000sqft	0.67	28,980	22,500	—	—	—

Parking Lot	150	Space	1.35	0.00	0.00	—	—	—
Other Asphalt Surfaces	103	1000sqft	2.35	0.00	0.00	—	—	—
User Defined Industrial	145	User Defined Unit	0.00	0.00	0.00	—	—	—
Unrefrigerated Warehouse-No Rail	94.2	1000sqft	2.16	94,186	0.00	—	—	—
Refrigerated Warehouse-No Rail	21.7	1000sqft	0.50	21,735	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.	0.98	32.2	25.1	0.11	0.94	13.8	3.22	16,315
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Unmit.	70.4	31.2	31.0	0.11	0.99	6.88	3.63	16,608
Average Daily (Max)	—	—	—	—	—	—	—	—
Unmit.	4.20	7.33	10.2	0.02	0.29	1.45	0.49	2,361
Annual (Max)	—	—	—	—	—	—	—	—
Unmit.	0.77	1.34	1.86	< 0.005	0.05	0.27	0.09	391
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)	—	—	—	—	—	—	—	—
2025	0.98	32.2	25.1	0.11	0.94	13.8	3.22	16,315
2026	0.86	14.0	20.0	0.03	0.56	1.56	0.74	4,250
Daily - Winter (Max)	—	—	—	—	—	—	—	—
2025	1.01	31.2	31.0	0.11	0.99	6.88	3.63	16,608
2026	70.4	14.0	19.4	0.03	0.56	1.56	0.74	4,203
Average Daily	—	—	—	—	—	—	—	—
2025	0.20	5.55	5.51	0.02	0.17	1.45	0.49	2,361
2026	4.20	7.33	10.2	0.02	0.29	0.79	0.39	2,142
Annual	—	—	—	—	—	—	—	—
2025	0.04	1.01	1.01	< 0.005	0.03	0.27	0.09	391
2026	0.77	1.34	1.86	< 0.005	0.05	0.14	0.07	355

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.	6.13	24.4	147	0.11	0.27	5.22	1.56	18,312

Daily, Winter (Max)	—	—	—	—	—	—	—	—
Unmit.	5.08	24.8	139	0.11	0.26	5.21	1.55	18,135
Average Daily (Max)	—	—	—	—	—	—	—	—
Unmit.	5.45	20.4	108	0.11	0.22	5.15	1.50	17,238
Annual (Max)	—	—	—	—	—	—	—	—
Unmit.	0.99	3.73	19.6	0.02	0.04	0.94	0.27	2,854
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.	—	—	—	—	—	—	—	No

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	1.16	9.88	15.5	0.10	0.13	5.08	1.42	11,703
Area	4.53	0.05	6.30	< 0.005	0.01	0.01	0.01	26.0
Energy	0.05	0.97	0.81	0.01	0.07	0.07	0.07	2,293
Water	—	—	—	—	—	—	—	495
Waste	—	—	—	—	—	—	—	273

Refrig.	—	—	—	—	—	—	—	587
Off-Road	0.00	12.4	123	0.00	0.00	0.00	0.00	2,735
Stationary	0.39	1.09	1.00	< 0.005	0.06	0.06	0.06	200
Total	6.13	24.4	147	0.11	0.27	5.22	1.56	18,312
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Mobile	1.14	10.3	14.2	0.10	0.13	5.08	1.42	11,552
Area	3.49	—	—	—	—	—	—	—
Energy	0.05	0.97	0.81	0.01	0.07	0.07	0.07	2,293
Water	—	—	—	—	—	—	—	495
Waste	—	—	—	—	—	—	—	273
Refrig.	—	—	—	—	—	—	—	587
Off-Road	0.00	12.4	123	0.00	0.00	0.00	0.00	2,735
Stationary	0.39	1.09	1.00	< 0.005	0.06	0.06	0.06	200
Total	5.08	24.8	139	0.11	0.26	5.21	1.55	18,135
Average Daily	—	—	—	—	—	—	—	—
Mobile	1.14	10.5	14.5	0.10	0.13	5.06	1.41	11,597
Area	4.20	0.04	4.32	< 0.005	0.01	0.01	0.01	17.8
Energy	0.05	0.97	0.81	0.01	0.07	0.07	0.07	2,293
Water	—	—	—	—	—	—	—	495
Waste	—	—	—	—	—	—	—	273
Refrig.	—	—	—	—	—	—	—	587
Off-Road	0.00	8.81	87.8	0.00	0.00	0.00	0.00	1,948
Stationary	0.05	0.15	0.14	< 0.005	0.01	0.01	0.01	27.5
Total	5.45	20.4	108	0.11	0.22	5.15	1.50	17,238
Annual	—	—	—	—	—	—	—	—
Mobile	0.21	1.91	2.65	0.02	0.02	0.92	0.26	1,920
Area	0.77	0.01	0.79	< 0.005	< 0.005	< 0.005	< 0.005	2.95
Energy	0.01	0.18	0.15	< 0.005	0.01	0.01	0.01	380

Water	—	—	—	—	—	—	—	81.9
Waste	—	—	—	—	—	—	—	45.2
Refrig.	—	—	—	—	—	—	—	97.1
Off-Road	0.00	1.61	16.0	0.00	0.00	0.00	0.00	323
Stationary	0.01	0.03	0.02	< 0.005	< 0.005	< 0.005	< 0.005	4.55
Total	0.99	3.73	19.6	0.02	0.04	0.94	0.27	2,854

3. Construction Emissions Details

3.1. Demolition (2025) - 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	0.72	17.3	18.2	0.03	0.79	0.79	0.71	3,437
Demolition	—	—	—	—	—	9.40	1.42	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.95	1.00	< 0.005	0.04	0.04	0.04	188
Demolition	—	—	—	—	—	0.51	0.08	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.17	0.18	< 0.005	0.01	0.01	0.01	31.2
Demolition	—	—	—	—	—	0.09	0.01	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Worker	0.08	0.08	1.22	0.00	0.00	0.23	0.05	246
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.19	14.8	5.74	0.08	0.15	3.37	1.03	12,633
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.06	0.00	0.00	0.01	< 0.005	12.9
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	0.85	0.32	< 0.005	0.01	0.18	0.06	691
Annual	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	2.14
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.16	0.06	< 0.005	< 0.005	0.03	0.01	114

3.3. Site Preparation (2025) - 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	0.94	25.3	30.0	0.05	0.99	0.99	0.89	5,547
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	0.03	0.69	0.82	< 0.005	0.03	0.03	0.02	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	< 0.005	0.13	0.15	< 0.005	< 0.005	< 0.005	< 0.005	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	1.03	0.00	0.00	0.23	0.05	232
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	0.03	0.00	0.00	0.01	< 0.005	6.46
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	1.07
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

3.5. Grading (2025) - 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	0.56	15.0	19.0	0.03	0.64	0.64	0.57	3,145
Dust From Material Movement	—	—	—	—	—	2.27	0.94	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.82	1.04	< 0.005	0.03	0.03	0.03	172
Dust From Material Movement	—	—	—	—	—	0.12	0.05	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.15	0.19	< 0.005	0.01	0.01	0.01	28.5
Dust From Material Movement	—	—	—	—	—	0.02	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	0.07	0.88	0.00	0.00	0.20	0.05	199
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.19	16.1	6.10	0.08	0.16	3.55	1.09	13,264
Average Daily	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.05	0.00	0.00	0.01	< 0.005	11.1

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	0.89	0.33	< 0.005	0.01	0.19	0.06	727
Annual	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	1.83
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.16	0.06	< 0.005	< 0.005	0.04	0.01	120

3.7. Building Construction (2025) - 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	0.48	12.9	15.7	0.03	0.55	0.55	0.50	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	0.04	1.21	1.47	< 0.005	0.05	0.05	0.05	248
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.22	0.27	< 0.005	0.01	0.01	0.01	41.0
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	0.26	0.29	3.59	0.00	0.00	0.80	0.19	808

Vendor	0.02	0.89	0.42	0.01	0.01	0.21	0.06	786
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—
Worker	0.02	0.03	0.35	0.00	0.00	0.07	0.02	77.1
Vendor	< 0.005	0.08	0.04	< 0.005	< 0.005	0.02	0.01	73.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—
Worker	< 0.005	0.01	0.06	0.00	0.00	0.01	< 0.005	12.8
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	12.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.9. 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	0.48	12.9	15.7	0.03	0.55	0.55	0.50	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	0.48	12.9	15.7	0.03	0.55	0.55	0.50	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	0.23	6.22	7.54	0.01	0.26	0.26	0.24	1,270
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—

Off-Road Equipment	0.04	1.14	1.38	< 0.005	0.05	0.05	0.04	210
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Worker	0.22	0.24	3.93	0.00	0.00	0.80	0.19	837
Vendor	0.02	0.82	0.39	0.01	0.01	0.21	0.06	775
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Worker	0.22	0.26	3.35	0.00	0.00	0.80	0.19	791
Vendor	0.02	0.85	0.40	0.01	0.01	0.21	0.06	773
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—
Worker	0.11	0.14	1.69	0.00	0.00	0.38	0.09	387
Vendor	0.01	0.41	0.19	< 0.005	0.01	0.10	0.03	372
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—
Worker	0.02	0.03	0.31	0.00	0.00	0.07	0.02	64.1
Vendor	< 0.005	0.08	0.04	< 0.005	< 0.005	0.02	0.01	61.7
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Paving (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	0.32	8.62	10.6	0.01	0.39	0.39	0.36	1,516
Paving	0.49	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Off-Road Equipment	0.32	8.62	10.6	0.01	0.39	0.39	0.36	1,516
Paving	0.49	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.47	0.58	< 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	< 0.005	0.09	0.11	< 0.005	< 0.005	< 0.005	< 0.005	13.8
Paving	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.97	0.00	0.00	0.20	0.05	206
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
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Worker	0.05	0.07	0.83	0.00	0.00	0.20	0.05	195
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	0.05	0.00	0.00	0.01	< 0.005	10.9
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	1.80
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 (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	0.07	1.45	1.28	< 0.005	0.09	0.09	0.08	179
Architectural Coatings	69.4	—	—	—	—	—	—	—
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	0.08	0.07	< 0.005	< 0.005	< 0.005	< 0.005	9.79
Architectural Coatings	3.80	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	1.62
Architectural Coatings	0.69	—	—	—	—	—	—	—

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	0.04	0.05	0.67	0.00	0.00	0.16	0.04	158
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	8.81
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	1.46
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 Light Industry	0.38	0.24	3.99	0.01	< 0.005	0.75	0.19	786
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	0.25	9.30	5.90	0.09	0.12	3.28	0.95	9,814
Unrefrigerated Warehouse-No Rail	0.43	0.27	4.56	0.01	0.01	0.86	0.22	897
Refrigerated Warehouse-No Rail	0.10	0.06	1.05	< 0.005	< 0.005	0.20	0.05	207
Total	1.16	9.88	15.5	0.10	0.13	5.08	1.42	11,703
Daily, Winter (Max)	—	—	—	—	—	—	—	—
General Light Industry	0.38	0.27	3.57	0.01	< 0.005	0.75	0.19	745
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	0.24	9.69	5.57	0.09	0.12	3.28	0.95	9,760
Unrefrigerated Warehouse-No Rail	0.43	0.31	4.07	0.01	0.01	0.86	0.22	851
Refrigerated Warehouse-No Rail	0.10	0.07	0.94	< 0.005	< 0.005	0.20	0.05	196
Total	1.14	10.3	14.2	0.10	0.13	5.08	1.42	11,552
Annual	—	—	—	—	—	—	—	—
General Light Industry	0.07	0.05	0.67	< 0.005	< 0.005	0.14	0.04	125
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	0.04	1.79	1.03	0.02	0.02	0.60	0.17	1,619
Unrefrigerated Warehouse-No Rail	0.08	0.06	0.77	< 0.005	< 0.005	0.16	0.04	143
Refrigerated Warehouse-No Rail	0.02	0.01	0.18	< 0.005	< 0.005	0.04	0.01	33.0

Total	0.21	1.91	2.65	0.02	0.02	0.92	0.26	1,920

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 Light Industry	—	—	—	—	—	—	—	265
Parking Lot	—	—	—	—	—	—	—	49.1
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	421
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	401
Total	—	—	—	—	—	—	—	1,136
Daily, Winter (Max)	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	265
Parking Lot	—	—	—	—	—	—	—	49.1
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	421

Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	401
Total	—	—	—	—	—	—	—	1,136
Annual	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	43.9
Parking Lot	—	—	—	—	—	—	—	8.13
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	69.6
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	66.4
Total	—	—	—	—	—	—	—	188

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
Daily, Summer (Max)	—	—	—	—	—	—	—	—
General Light Industry	0.02	0.33	0.28	< 0.005	0.03	0.03	0.03	399
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
Unrefrigerated Warehouse-No Rail	0.03	0.49	0.41	< 0.005	0.04	0.04	0.04	583
Refrigerated Warehouse-No Rail	0.01	0.15	0.12	< 0.005	0.01	0.01	0.01	175

Total	0.05	0.97	0.81	0.01	0.07	0.07	0.07	1,157
Daily, Winter (Max)	—	—	—	—	—	—	—	—
General Light Industry	0.02	0.33	0.28	< 0.005	0.03	0.03	0.03	399
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
Unrefrigerated Warehouse-No Rail	0.03	0.49	0.41	< 0.005	0.04	0.04	0.04	583
Refrigerated Warehouse-No Rail	0.01	0.15	0.12	< 0.005	0.01	0.01	0.01	175
Total	0.05	0.97	0.81	0.01	0.07	0.07	0.07	1,157
Annual	—	—	—	—	—	—	—	—
General Light Industry	< 0.005	0.06	0.05	< 0.005	< 0.005	< 0.005	< 0.005	66.0
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
Unrefrigerated Warehouse-No Rail	< 0.005	0.09	0.07	< 0.005	0.01	0.01	0.01	96.6
Refrigerated Warehouse-No Rail	< 0.005	0.03	0.02	< 0.005	< 0.005	< 0.005	< 0.005	29.0
Total	0.01	0.18	0.15	< 0.005	0.01	0.01	0.01	192

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	3.11	—	—	—	—	—	—	—
Architectural Coatings	0.38	—	—	—	—	—	—	—
Landscape Equipment	1.03	0.05	6.30	< 0.005	0.01	0.01	0.01	26.0
Total	4.53	0.05	6.30	< 0.005	0.01	0.01	0.01	26.0
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Consumer Products	3.11	—	—	—	—	—	—	—
Architectural Coatings	0.38	—	—	—	—	—	—	—
Total	3.49	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—
Consumer Products	0.57	—	—	—	—	—	—	—
Architectural Coatings	0.07	—	—	—	—	—	—	—
Landscape Equipment	0.13	0.01	0.79	< 0.005	< 0.005	< 0.005	< 0.005	2.95
Total	0.77	0.01	0.79	< 0.005	< 0.005	< 0.005	< 0.005	2.95

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 Light Industry	—	—	—	—	—	—	—	100

Parking Lot	—	—	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	320
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	74.0
Total	—	—	—	—	—	—	—	495
Daily, Winter (Max)	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	100
Parking Lot	—	—	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	320
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	74.0
Total	—	—	—	—	—	—	—	495
Annual	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	16.6
Parking Lot	—	—	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	53.1

Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	12.2
Total	—	—	—	—	—	—	—	81.9

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 Light Industry	—	—	—	—	—	—	—	67.8
Parking Lot	—	—	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	167
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	38.5
Total	—	—	—	—	—	—	—	273
Daily, Winter (Max)	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	67.8
Parking Lot	—	—	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	0.00

Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	167
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	38.5
Total	—	—	—	—	—	—	—	273
Annual	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	11.2
Parking Lot	—	—	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	27.6
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	6.38
Total	—	—	—	—	—	—	—	45.2

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 Light Industry	—	—	—	—	—	—	—	7.54
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	579
Total	—	—	—	—	—	—	—	587
Daily, Winter (Max)	—	—	—	—	—	—	—	—

General Light Industry	—	—	—	—	—	—	—	7.54
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	579
Total	—	—	—	—	—	—	—	587
Annual	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	1.25
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	95.9
Total	—	—	—	—	—	—	—	97.1

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	12.4	123	0.00	0.00	0.00	0.00	2,735
Total	0.00	12.4	123	0.00	0.00	0.00	0.00	2,735
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Forklifts	0.00	12.4	123	0.00	0.00	0.00	0.00	2,735
Total	0.00	12.4	123	0.00	0.00	0.00	0.00	2,735
Annual	—	—	—	—	—	—	—	—
Forklifts	0.00	1.61	16.0	0.00	0.00	0.00	0.00	323
Total	0.00	1.61	16.0	0.00	0.00	0.00	0.00	323

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)	—	—	—	—	—	—	—	—
Emergency Generator	0.39	1.09	1.00	< 0.005	0.06	0.06	0.06	200
Total	0.39	1.09	1.00	< 0.005	0.06	0.06	0.06	200
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Emergency Generator	0.39	1.09	1.00	< 0.005	0.06	0.06	0.06	200
Total	0.39	1.09	1.00	< 0.005	0.06	0.06	0.06	200
Annual	—	—	—	—	—	—	—	—
Emergency Generator	0.01	0.03	0.02	< 0.005	< 0.005	< 0.005	< 0.005	4.55
Total	0.01	0.03	0.02	< 0.005	< 0.005	< 0.005	< 0.005	4.55

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	9/2/2025	9/30/2025	5.00	20.0	—
Site Preparation	Site Preparation	10/1/2025	10/15/2025	5.00	10.0	—
Grading	Grading	10/16/2025	11/13/2025	5.00	20.0	—
Building Construction	Building Construction	11/14/2025	9/3/2026	5.00	210	—
Paving	Paving	9/4/2026	10/1/2026	5.00	20.0	—
Architectural Coating	Architectural Coating	10/1/2026	10/28/2026	5.00	20.0	—

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	Tier 3	1.00	8.00	33.0	0.73
Demolition	Excavators	Diesel	Tier 3	3.00	8.00	36.0	0.38
Demolition	Rubber Tired Dozers	Diesel	Tier 3	2.00	8.00	367	0.40
Demolition	Crushing/Proc. Equipment	Diesel	Average	1.00	8.00	200	0.60
Site Preparation	Rubber Tired Dozers	Diesel	Tier 3	3.00	8.00	367	0.40
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 3	0.00	8.00	84.0	0.37
Site Preparation	Crawler Tractors	Diesel	Tier 3	4.00	8.00	87.0	0.43
Grading	Excavators	Diesel	Tier 3	1.00	8.00	36.0	0.38
Grading	Graders	Diesel	Tier 3	1.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Tier 3	1.00	8.00	367	0.40
Grading	Tractors/Loaders/Backhoes	Diesel	Tier 3	0.00	8.00	84.0	0.37
Grading	Crawler Tractors	Diesel	Tier 3	3.00	8.00	87.0	0.43
Building Construction	Cranes	Diesel	Tier 3	1.00	8.00	367	0.29
Building Construction	Forklifts	Diesel	Tier 3	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Tier 3	1.00	8.00	14.0	0.74

Building Construction	Tractors/Loaders/Back	Diesel	Tier 3	3.00	8.00	84.0	0.37
Building Construction	Welders	Diesel	Tier 3	1.00	8.00	46.0	0.45
Paving	Pavers	Diesel	Tier 3	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Tier 3	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Tier 3	2.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Tier 3	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	17.5	18.5	LDA,LDT1,LDT2
Demolition	Vendor	—	10.2	HHDT,MHDT
Demolition	Hauling	174	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	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	15.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	—	10.2	HHDT,MHDT
Grading	Hauling	183	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	60.9	18.5	LDA,LDT1,LDT2

Building Construction	Vendor	23.7	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	12.2	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	217,352	72,451	9,681

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	13,888	—
Site Preparation	0.00	0.00	35.0	0.00	—
Grading	29,211	0.00	50.0	0.00	—
Paving	0.00	0.00	0.00	0.00	3.70

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 Light Industry	0.00	0%
Parking Lot	1.35	100%
Other Asphalt Surfaces	2.35	100%
User Defined Industrial	0.00	0%
Unrefrigerated Warehouse-No Rail	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
2025	0.00	349	0.03	< 0.005
2026	0.00	346	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 Light Industry	102	102	102	37,340	1,064	1,064	1,064	388,306
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	127	127	127	46,331	3,700	3,700	3,700	1,350,478
Unrefrigerated Warehouse-No Rail	117	117	117	42,628	1,215	1,215	1,215	443,308
Refrigerated Warehouse-No Rail	27.0	27.0	27.0	9,837	280	280	280	102,301

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	217,352	72,451	9,681

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 Light Industry	277,997	346	0.0330	0.0040	1,240,400
Parking Lot	51,476	346	0.0330	0.0040	0.00
Other Asphalt Surfaces	0.00	346	0.0330	0.0040	0.00
User Defined Industrial	0.00	346	0.0330	0.0040	0.00
Unrefrigerated Warehouse-No Rail	440,825	346	0.0330	0.0040	1,815,543
Refrigerated Warehouse-No Rail	420,313	346	0.0330	0.0040	544,550

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Light Industry	6,701,671	315,553
Parking Lot	0.00	0.00
Other Asphalt Surfaces	0.00	0.00
User Defined Industrial	0.00	0.00
Unrefrigerated Warehouse-No Rail	21,780,466	0.00
Refrigerated Warehouse-No Rail	5,026,242	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)

General Light Industry	35.9	—
Parking Lot	0.00	—
Other Asphalt Surfaces	0.00	—
User Defined Industrial	0.00	—
Unrefrigerated Warehouse-No Rail	88.5	—
Refrigerated Warehouse-No Rail	20.4	—

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 Light 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	14.0	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
Emergency Generator	Diesel	1.00	1.00	50.0	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)

5.17. User Defined

Equipment Type	Fuel Type

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

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

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	10.7	annual days of extreme heat
Extreme Precipitation	4.55	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	0.00	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	1	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	1	1	1	2
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	48.5
AQ-PM	76.5
AQ-DPM	84.9
Drinking Water	63.7
Lead Risk Housing	92.8

Pesticides	0.00
Toxic Releases	89.9
Traffic	87.6
Effect Indicators	—
CleanUp Sites	52.0
Groundwater	55.3
Haz Waste Facilities/Generators	92.8
Impaired Water Bodies	23.9
Solid Waste	66.7
Sensitive Population	—
Asthma	62.6
Cardio-vascular	90.6
Low Birth Weights	69.5
Socioeconomic Factor Indicators	—
Education	77.2
Housing	56.5
Linguistic	63.7
Poverty	62.5
Unemployment	51.3

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	37.57218016
Employed	44.42448351
Median HI	50.69934557
Education	—

Bachelor's or higher	10.07314256
High school enrollment	13.78159887
Preschool enrollment	48.45374054
Transportation	—
Auto Access	41.51161299
Active commuting	39.5996407
Social	—
2-parent households	60.50301553
Voting	16.45066085
Neighborhood	—
Alcohol availability	13.30681381
Park access	52.3675093
Retail density	51.87989221
Supermarket access	48.55639677
Tree canopy	27.64018991
Housing	—
Homeownership	74.34877454
Housing habitability	38.77839086
Low-inc homeowner severe housing cost burden	46.58026434
Low-inc renter severe housing cost burden	59.47645323
Uncrowded housing	9.713845759
Health Outcomes	—
Insured adults	23.08481971
Arthritis	84.5
Asthma ER Admissions	27.7
High Blood Pressure	66.9
Cancer (excluding skin)	82.6
Asthma	61.7

Coronary Heart Disease	66.7
Chronic Obstructive Pulmonary Disease	74.0
Diagnosed Diabetes	35.6
Life Expectancy at Birth	31.0
Cognitively Disabled	62.4
Physically Disabled	30.9
Heart Attack ER Admissions	5.7
Mental Health Not Good	37.4
Chronic Kidney Disease	27.1
Obesity	31.6
Pedestrian Injuries	19.6
Physical Health Not Good	35.1
Stroke	70.4
Health Risk Behaviors	—
Binge Drinking	35.4
Current Smoker	45.9
No Leisure Time for Physical Activity	33.9
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	44.4
Elderly	80.0
English Speaking	59.6
Foreign-born	71.6
Outdoor Workers	67.4
Climate Change Adaptive Capacity	—
Impervious Surface Cover	19.4
Traffic Density	83.7

Traffic Access	23.0
Other Indices	—
Hardship	75.7
Other Decision Support	—
2016 Voting	19.6

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	93.0
Healthy Places Index Score for Project Location (b)	31.0
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: Construction Phases	Adjusted Work Days per Phase by reducing the Building Construction phase by 20 days to better describe construction schedule provided by client.

Construction: Off-Road Equipment	Assumed all construction will be used 8 hours a day per work day. Replaced Tractor/Loader/Backhoes with Crawler Tractors in the Site Preparation and Grading Phases. Added crushing/proc. equipment to account for onsite crushing. All construction equipment utilizes Tier 3 equipment to reduce DPM health risk impact.
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 (length and percentage), 3 axle trucks applied to Non Res W-O, and 4+ axle trucks applied to Non Res O-O.
Operations: Fleet Mix	Updated vehicle splits to match the operational trip generation
Operations: Off-Road Equipment	Assumed 1 forklift per 10,000 sqft will be used for operational purposes

APPENDIX B.1 – AERMOD CONSTRUCTION MODEL OUTPUT

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 3/13/2025
** File: C:\Lakes\AERMOD View\Carm_Con\Carm_Con.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\EPD\EPD Solutions\EPD Project Site -
Projects\TECHNICAL SER
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 98537 City_of_Norwalk
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL Carm_Con.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION AREA         AREAPOLY   403418.867  3751225.661       24.240
** DESCRSRC Area Source
** ------------------------------------------------------------------------
** Line Source Represented by Area Sources
** LINE AREA Source ID = RT1
** DESCRSRC Onsite 5mph
** PREFIX
** Length of Side = 13.00
** Ratio = 10
** Vertical Dimension = 2.46
** Emission Rate = 1.8296E-11
** Nodes = 4
** 403516.397, 3751131.028, 23.27, 2.64
** 403516.810, 3751092.153, 23.15, 2.64
** 403625.578, 3751091.740, 22.97, 2.64
** 403627.232, 3751022.674, 22.65, 2.64
** ------------------------------------------------------------------------
   LOCATION A0000085     AREA     403509.897 3751130.959 23.34
```

```
   LOCATION A0000086     AREA     403516.785 3751085.653 23.21
   LOCATION A0000087     AREA     403619.080 3751091.584 22.97
** End of LINE AREA Source ID = RT1
** ----------------------------------------------------------------------
** Line Source Represented by Area Sources
** LINE AREA Source ID = RT2
** DESCRSRC Offsite 1: 100%
** PREFIX
** Length of Side = 13.00
** Ratio = 10
** Vertical Dimension = 2.46
** Emission Rate = 1.8253E-11
** Nodes = 3
** 403625.726, 3751024.914, 22.66, 2.64
** 403215.132, 3751024.914, 27.35, 2.64
** 403203.140, 3750931.831, 31.99, 2.64
** ----------------------------------------------------------------------
   LOCATION A0000061     AREA     403625.726 3751031.414 22.70
   LOCATION A0000062     AREA     403523.078 3751031.414 22.94
   LOCATION A0000063     AREA     403420.429 3751031.414 23.23
   LOCATION A0000064     AREA     403317.781 3751031.414 23.65
   LOCATION A0000065     AREA     403208.685 3751025.745 28.05
** End of LINE AREA Source ID = RT2
** ----------------------------------------------------------------------
** Line Source Represented by Area Sources
** LINE AREA Source ID = RT3
** DESCRSRC Offsite 2: 50% I-5 North
** PREFIX
** Length of Side = 3.50
** Ratio = 10
** Vertical Dimension = 2.46
** Emission Rate = 3.3994E-11
** Nodes = 3
** 403203.173, 3750930.868, 32.00, 2.64
** 402952.821, 3751078.907, 25.50, 2.64
** 402815.309, 3751175.955, 25.21, 2.64
** ----------------------------------------------------------------------
   LOCATION A0000047     AREA     403204.064 3750932.374 32.01
   LOCATION A0000048     AREA     403176.247 3750948.823 31.95
   LOCATION A0000049     AREA     403148.430 3750965.272 24.57
   LOCATION A0000050     AREA     403120.613 3750981.720 24.70
   LOCATION A0000051     AREA     403092.796 3750998.169 25.59
   LOCATION A0000052     AREA     403064.979 3751014.618 26.72
   LOCATION A0000053     AREA     403037.163 3751031.067 26.00
   LOCATION A0000054     AREA     403009.346 3751047.516 25.41
   LOCATION A0000055     AREA     402981.529 3751063.965 25.23
   LOCATION A0000056     AREA     402953.831 3751080.337 25.23
   LOCATION A0000057     AREA     402926.328 3751099.746 25.25
   LOCATION A0000058     AREA     402898.826 3751119.156 25.31
   LOCATION A0000059     AREA     402871.323 3751138.566 25.25
   LOCATION A0000060     AREA     402843.821 3751157.975 25.16
** End of LINE AREA Source ID = RT3
** ----------------------------------------------------------------------
** Line Source Represented by Area Sources
```

```
** LINE AREA Source ID = RT4
** DESCRSRC Offsite 3: 50% I-5 South
** PREFIX
** Length of Side = 3.50
** Ratio = 10
** Vertical Dimension = 2.46
** Emission Rate = 3.3988E-11
** Nodes = 5
** 403203.763, 3750931.646, 31.98, 2.64
** 403186.005, 3750799.141, 23.32, 2.64
** 403370.418, 3750692.592, 24.40, 2.64
** 403413.131, 3750666.945, 23.47, 2.64
** 403581.243, 3750577.460, 22.56, 2.64
** ----------------------------------------------------------------------
   LOCATION A0000066     AREA     403202.028 3750931.878 32.07
   LOCATION A0000067     AREA     403197.589 3750898.752 24.73
   LOCATION A0000068     AREA     403193.149 3750865.626 24.85
   LOCATION A0000069     AREA     403188.710 3750832.500 24.68
   LOCATION A0000070     AREA     403185.129 3750797.626 23.37
   LOCATION A0000071     AREA     403211.474 3750782.405 24.76
   LOCATION A0000072     AREA     403237.819 3750767.183 24.66
   LOCATION A0000073     AREA     403264.163 3750751.962 24.67
   LOCATION A0000074     AREA     403290.508 3750736.741 24.65
   LOCATION A0000075     AREA     403316.853 3750721.519 24.26
   LOCATION A0000076     AREA     403343.198 3750706.298 24.15
   LOCATION A0000077     AREA     403369.517 3750691.091 24.36
   LOCATION A0000078     AREA     403390.874 3750678.268 23.73
   LOCATION A0000079     AREA     403412.309 3750665.400 23.57
   LOCATION A0000080     AREA     403440.327 3750650.486 23.38
   LOCATION A0000081     AREA     403468.346 3750635.572 23.54
   LOCATION A0000082     AREA     403496.365 3750620.658 22.94
   LOCATION A0000083     AREA     403524.383 3750605.744 22.79
   LOCATION A0000084     AREA     403552.402 3750590.830 22.80
** End of LINE AREA Source ID = RT4
** Source Parameters **
   SRCPARAM AREA          6.42E-07     3.110         8
   AREAVERT AREA         403418.867 3751225.661 403418.209 3751082.282
   AREAVERT AREA         403620.123 3751080.967 403620.123 3751032.955
   AREAVERT AREA         403632.948 3751032.955 403634.264 3751123.389
   AREAVERT AREA         403600.392 3751124.375 403600.721 3751223.688
** LINE AREA Source ID = RT1
   SRCPARAM A0000085     1.8296E-11     2.644    38.877    13.000
89.390     2.459
   SRCPARAM A0000086     1.8296E-11     2.644   108.769    13.000
0.218     2.459
   SRCPARAM A0000087     1.8296E-11     2.644    69.085    13.000
88.628     2.459
** ----------------------------------------------------------------------
** LINE AREA Source ID = RT2
   SRCPARAM A0000061     1.8253E-11     2.644   102.648    13.000
180.000     2.459
   SRCPARAM A0000062     1.8253E-11     2.644   102.648    13.000
180.000     2.459
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   SRCPARAM A0000063     1.8253E-11     2.644   102.648    13.000
180.000     2.459
   SRCPARAM A0000064     1.8253E-11     2.644   102.648    13.000
180.000     2.459
   SRCPARAM A0000065     1.8253E-11     2.644    93.853    13.000
97.341     2.459
** ------------------------------------------------------------------
** LINE AREA Source ID = RT3
   SRCPARAM A0000047     3.3994E-11     2.644    32.316     3.500  -
149.403     2.459
   SRCPARAM A0000048     3.3994E-11     2.644    32.316     3.500  -
149.403     2.459
   SRCPARAM A0000049     3.3994E-11     2.644    32.316     3.500  -
149.403     2.459
   SRCPARAM A0000050     3.3994E-11     2.644    32.316     3.500  -
149.403     2.459
   SRCPARAM A0000051     3.3994E-11     2.644    32.316     3.500  -
149.403     2.459
   SRCPARAM A0000052     3.3994E-11     2.644    32.316     3.500  -
149.403     2.459
   SRCPARAM A0000053     3.3994E-11     2.644    32.316     3.500  -
149.403     2.459
   SRCPARAM A0000054     3.3994E-11     2.644    32.316     3.500  -
149.403     2.459
   SRCPARAM A0000055     3.3994E-11     2.644    32.316     3.500  -
149.403     2.459
   SRCPARAM A0000056     3.3994E-11     2.644    33.662     3.500  -
144.788     2.459
   SRCPARAM A0000057     3.3994E-11     2.644    33.662     3.500  -
144.788     2.459
   SRCPARAM A0000058     3.3994E-11     2.644    33.662     3.500  -
144.788     2.459
   SRCPARAM A0000059     3.3994E-11     2.644    33.662     3.500  -
144.788     2.459
   SRCPARAM A0000060     3.3994E-11     2.644    33.662     3.500  -
144.788     2.459
** ------------------------------------------------------------------
** LINE AREA Source ID = RT4
   SRCPARAM A0000066     3.3988E-11     2.644    33.422     3.500
97.633     2.459
   SRCPARAM A0000067     3.3988E-11     2.644    33.422     3.500
97.633     2.459
   SRCPARAM A0000068     3.3988E-11     2.644    33.422     3.500
97.633     2.459
   SRCPARAM A0000069     3.3988E-11     2.644    33.422     3.500
97.633     2.459
   SRCPARAM A0000070     3.3988E-11     2.644    30.426     3.500
30.018     2.459
   SRCPARAM A0000071     3.3988E-11     2.644    30.426     3.500
30.018     2.459
   SRCPARAM A0000072     3.3988E-11     2.644    30.426     3.500
30.018     2.459
   SRCPARAM A0000073     3.3988E-11     2.644    30.426     3.500
30.018     2.459
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   SRCPARAM A0000074     3.3988E-11     2.644    30.426     3.500
30.018     2.459
   SRCPARAM A0000075     3.3988E-11     2.644    30.426     3.500
30.018     2.459
   SRCPARAM A0000076     3.3988E-11     2.644    30.426     3.500
30.018     2.459
   SRCPARAM A0000077     3.3988E-11     2.644    24.911     3.500
30.983     2.459
   SRCPARAM A0000078     3.3988E-11     2.644    24.911     3.500
30.983     2.459
   SRCPARAM A0000079     3.3988E-11     2.644    31.741     3.500
28.026     2.459
   SRCPARAM A0000080     3.3988E-11     2.644    31.741     3.500
28.026     2.459
   SRCPARAM A0000081     3.3988E-11     2.644    31.741     3.500
28.026     2.459
   SRCPARAM A0000082     3.3988E-11     2.644    31.741     3.500
28.026     2.459
   SRCPARAM A0000083     3.3988E-11     2.644    31.741     3.500
28.026     2.459
   SRCPARAM A0000084     3.3988E-11     2.644    31.741     3.500
28.026     2.459
** ------------------------------------------------------------------
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 2"
** WeekDays:
   EMISFACT AREA         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT AREA         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT AREA         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT AREA         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT AREA         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT AREA         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT AREA         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT AREA         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT AREA         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT AREA         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT AREA         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT AREA         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT A0000085     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000085     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000085     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000085     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000086     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000086     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000086     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000086     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000087     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000087     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000087     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT A0000087     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT A0000085     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000085     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000085     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000085     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000086     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000086     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000086     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000086     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000087     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000087     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000087     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000087     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT A0000085     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000085     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000085     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000085     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000086     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000086     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000086     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000086     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000087     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000087     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000087     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000087     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT A0000061     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000061     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000061     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000061     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000062     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000062     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000062     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000062     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000063     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000063     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000063     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000063     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000064     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000064     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000064     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000064     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000065     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000065     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000065     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000065     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT A0000061     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000061     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000061     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000061     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000062     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT A0000062     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000062     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000062     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000063     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000063     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000063     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000063     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000064     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000064     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000064     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000064     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000065     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000065     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000065     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000065     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT A0000061     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000061     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000061     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000061     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000062     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000062     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000062     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000062     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000063     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000063     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000063     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000063     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000064     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000064     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000064     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000064     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000065     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000065     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000065     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000065     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT A0000047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000047     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000047     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000048     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000048     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000049     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000049     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000049     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000049     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000050     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000050     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000050     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000050     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000051     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT A0000051     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000051     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000051     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000052     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000052     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000052     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000052     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000053     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000053     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000053     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000053     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000054     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000054     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000054     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000054     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000055     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000055     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000055     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000055     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000056     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000056     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000056     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000056     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000057     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000057     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000057     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000057     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000058     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000058     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000058     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000058     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000059     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000059     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000059     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000059     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000060     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000060     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000060     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000060     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT A0000047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000049     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000049     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000049     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000049     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000050     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000050     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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    EMISFACT A0000050     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000050     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000051     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000051     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000051     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000051     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000052     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000052     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000052     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000052     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000053     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000053     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000053     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000053     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000054     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000054     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000054     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000054     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000055     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000055     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000055     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000055     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000056     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000056     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000056     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000056     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000057     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000057     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000057     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000057     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000058     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000058     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000058     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000058     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000059     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000059     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000059     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000059     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000060     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000060     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000060     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000060     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
    EMISFACT A0000047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000049     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000049     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT A0000049     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT A0000049     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000050     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000050     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000050     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000050     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000051     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000051     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000051     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000051     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000052     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000052     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000052     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000052     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000053     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000053     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000053     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000053     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000054     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000054     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000054     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000054     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000055     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000055     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000055     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000055     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000056     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000056     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000056     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000056     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000057     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000057     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000057     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000057     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000058     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000058     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000058     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000058     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000059     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000059     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000059     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000059     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000060     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000060     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000060     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000060     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT A0000066     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000066     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000066     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000066     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000067     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000067     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000067     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000067     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT A0000068     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000068     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000068     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT A0000068     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000069     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000069     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000069     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT A0000069     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000070     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000070     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000070     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT A0000070     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000071     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000071     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000071     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT A0000071     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000072     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000072     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000072     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT A0000072     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000073     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000073     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000073     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT A0000073     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000074     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000074     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000074     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT A0000074     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000075     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000075     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000075     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT A0000075     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000076     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000076     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000076     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT A0000076     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000077     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000077     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000077     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT A0000077     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000078     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000078     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000078     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT A0000078     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000079     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000079     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000079     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT A0000079     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000080     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000080     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000080     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT A0000080     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000081     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000081     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT A0000081     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000081     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000082     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000082     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000082     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000082     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000083     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000083     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000083     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000083     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000084     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000084     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000084     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT A0000084     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT A0000066     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000066     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000066     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000066     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000067     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000067     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000067     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000067     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000068     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000068     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000068     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000068     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000069     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000069     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000069     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000069     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000070     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000070     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000070     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000070     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000071     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000071     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000071     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000071     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000072     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000072     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000072     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000072     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000073     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000073     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000073     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000073     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000074     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000074     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000074     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000074     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000075     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000075     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000075     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT A0000075     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000076     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000076     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000076     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000076     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000077     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000077     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000077     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000077     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000078     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000078     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000078     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000078     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000079     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000079     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000079     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000079     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000080     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000080     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000080     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000080     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000081     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000081     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000081     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000081     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000082     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000082     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000082     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000082     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000083     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000083     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000083     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000083     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000084     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000084     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000084     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000084     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT A0000066     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000066     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000066     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000066     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000067     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000067     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000067     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000067     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000068     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000068     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000068     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000068     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000069     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000069     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000069     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000069     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT A0000070     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000070     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000070     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000070     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000071     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000071     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000071     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000071     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000072     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000072     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000072     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000072     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000073     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000073     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000073     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000073     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000074     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000074     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000074     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000074     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000075     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000075     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000075     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000075     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000076     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000076     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000076     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000076     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000077     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000077     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000077     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000077     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000078     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000078     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000078     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000078     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000079     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000079     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000079     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000079     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000080     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000080     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000080     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000080     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000081     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000081     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000081     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000081     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000082     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000082     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000082     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000082     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000083     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000083     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```

```
   EMISFACT A0000083     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000083     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000084     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000084     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000084     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000084     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED Carm_Con.rou
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE KFUL_V9_ADJU\KFUL_v9.SFC
   PROFFILE KFUL_V9_ADJU\KFUL_v9.PFL
   SURFDATA 3166 2012 Fullerton_Municipal_Airport
   UAIRDATA 3190 2012
   PROFBASE 30.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** 1-Hour Binary POSTFILE(s) for the Plume Animation
   POSTFILE 1 ALL UNFORM CARM_CON.AD\1HGALLUN_PA.POS 31
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST CARM_CON.AD\01H1GALL.PLT 32
   PLOTFILE PERIOD ALL CARM_CON.AD\PE00GALL.PLT 33
   SUMMFILE Carm_Con.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     743       MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used           0.50
 ME W187     743       MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET

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

```
                                             ***     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    42
Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =     98537.0 ;  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: PM_10

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

 **This Run Includes:     42 Source(s);       1 Source Group(s); and
1008 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:      0 VOLUME source(s)
                 and:     42 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0
line(s)
                 and:      0 SWPOINT source(s)
```

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

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
          Model Outputs Tables of PERIOD Averages by Receptor
          Model Outputs Tables of Highest Short Term Values by Receptor
(RECTABLE Keyword)
          Model Outputs External File(s) of Concurrent Values for
Postprocessing (POSTFILE 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) =    30.00 ;
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:   Carm_Con.err
 **File for Summary of Results:   Carm_Con.sum
```

*** AREA SOURCE DATA ***

SOURCE ID	NUMBER OF AREA CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
A0000085	0	0.18296E-10	403509.9	3751131.0	23.3	2.64	38.88	13.00	89.39	2.46	YES	HRDOW	NO
A0000086	0	0.18296E-10	403516.8	3751085.7	23.2	2.64	108.77	13.00	0.22	2.46	YES	HRDOW	NO
A0000087	0	0.18296E-10	403619.1	3751091.6	23.0	2.64	69.08	13.00	88.63	2.46	YES	HRDOW	NO
A0000061	0	0.18253E-10	403625.7	3751031.4	22.7	2.64	102.65	13.00	180.00	2.46	YES	HRDOW	NO
A0000062	0	0.18253E-10	403523.1	3751031.4	22.9	2.64	102.65	13.00	180.00	2.46	YES	HRDOW	NO
A0000063	0	0.18253E-10	403420.4	3751031.4	23.2	2.64	102.65	13.00	180.00	2.46	YES	HRDOW	NO
A0000064	0	0.18253E-10	403317.8	3751031.4	23.7	2.64	102.65	13.00	180.00	2.46	YES	HRDOW	NO
A0000065	0	0.18253E-10	403208.7	3751025.7	28.1	2.64	93.85	13.00	97.34	2.46	YES	HRDOW	NO
A0000047	0	0.33994E-10	403204.1	3750932.4	32.0	2.64	32.32	3.50	-149.40	2.46	YES	HRDOW	NO
A0000048	0	0.33994E-10	403176.2	3750948.8	31.9	2.64	32.32	3.50	-149.40	2.46	YES	HRDOW	NO
A0000049	0	0.33994E-10	403148.4	3750965.3	24.6	2.64	32.32	3.50	-149.40	2.46	YES	HRDOW	NO
A0000050	0	0.33994E-10	403120.6	3750981.7	24.7	2.64	32.32	3.50	-149.40	2.46	YES	HRDOW	NO
A0000051	0	0.33994E-10	403092.8	3750998.2	25.6	2.64	32.32	3.50	-149.40	2.46	YES	HRDOW	NO
A0000052	0	0.33994E-10	403065.0	3751014.6	26.7	2.64	32.32	3.50	-149.40	2.46	YES	HRDOW	NO
A0000053	0	0.33994E-10	403037.2	3751031.1	26.0	2.64	32.32	3.50	-149.40	2.46	YES	HRDOW	NO
A0000054	0	0.33994E-10	403009.3	3751047.5	25.4	2.64	32.32	3.50	-149.40	2.46	YES	HRDOW	NO

A0000055		0	0.33994E-10	402981.5	3751064.0	25.2		2.64
32.32	3.50	-149.40	2.46	YES	HRDOW		NO	
A0000056		0	0.33994E-10	402953.8	3751080.3	25.2		2.64
33.66	3.50	-144.79	2.46	YES	HRDOW		NO	
A0000057		0	0.33994E-10	402926.3	3751099.7	25.2		2.64
33.66	3.50	-144.79	2.46	YES	HRDOW		NO	
A0000058		0	0.33994E-10	402898.8	3751119.2	25.3		2.64
33.66	3.50	-144.79	2.46	YES	HRDOW		NO	
A0000059		0	0.33994E-10	402871.3	3751138.6	25.2		2.64
33.66	3.50	-144.79	2.46	YES	HRDOW		NO	
A0000060		0	0.33994E-10	402843.8	3751158.0	25.2		2.64
33.66	3.50	-144.79	2.46	YES	HRDOW		NO	
A0000066		0	0.33988E-10	403202.0	3750931.9	32.1		2.64
33.42	3.50	97.63	2.46	YES	HRDOW		NO	
A0000067		0	0.33988E-10	403197.6	3750898.8	24.7		2.64
33.42	3.50	97.63	2.46	YES	HRDOW		NO	
A0000068		0	0.33988E-10	403193.1	3750865.6	24.9		2.64
33.42	3.50	97.63	2.46	YES	HRDOW		NO	
A0000069		0	0.33988E-10	403188.7	3750832.5	24.7		2.64
33.42	3.50	97.63	2.46	YES	HRDOW		NO	
A0000070		0	0.33988E-10	403185.1	3750797.6	23.4		2.64
30.43	3.50	30.02	2.46	YES	HRDOW		NO	
A0000071		0	0.33988E-10	403211.5	3750782.4	24.8		2.64
30.43	3.50	30.02	2.46	YES	HRDOW		NO	
A0000072		0	0.33988E-10	403237.8	3750767.2	24.7		2.64
30.43	3.50	30.02	2.46	YES	HRDOW		NO	
A0000073		0	0.33988E-10	403264.2	3750752.0	24.7		2.64
30.43	3.50	30.02	2.46	YES	HRDOW		NO	
A0000074		0	0.33988E-10	403290.5	3750736.7	24.7		2.64
30.43	3.50	30.02	2.46	YES	HRDOW		NO	
A0000075		0	0.33988E-10	403316.9	3750721.5	24.3		2.64
30.43	3.50	30.02	2.46	YES	HRDOW		NO	
A0000076		0	0.33988E-10	403343.2	3750706.3	24.2		2.64
30.43	3.50	30.02	2.46	YES	HRDOW		NO	
A0000077		0	0.33988E-10	403369.5	3750691.1	24.4		2.64
24.91	3.50	30.98	2.46	YES	HRDOW		NO	
A0000078		0	0.33988E-10	403390.9	3750678.3	23.7		2.64
24.91	3.50	30.98	2.46	YES	HRDOW		NO	
A0000079		0	0.33988E-10	403412.3	3750665.4	23.6		2.64
31.74	3.50	28.03	2.46	YES	HRDOW		NO	
A0000080		0	0.33988E-10	403440.3	3750650.5	23.4		2.64
31.74	3.50	28.03	2.46	YES	HRDOW		NO	
A0000081		0	0.33988E-10	403468.3	3750635.6	23.5		2.64
31.74	3.50	28.03	2.46	YES	HRDOW		NO	
A0000082		0	0.33988E-10	403496.4	3750620.7	22.9		2.64
31.74	3.50	28.03	2.46	YES	HRDOW		NO	
A0000083		0	0.33988E-10	403524.4	3750605.7	22.8		2.64
31.74	3.50	28.03	2.46	YES	HRDOW		NO	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** AREA SOURCE DATA ***

SOURCE ID	NUMBER OF AREA CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X (METERS)	COORD (SW CORNER) Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
A0000084	0	0.33988E-10	403552.4	3750590.8	22.8	2.64	31.74	3.50	28.03	2.46	YES	HRDOW	NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** AREAPOLY SOURCE DATA ***

NUMBER SOURCE ID	NUMBER EMISSION RATE PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	LOCATION OF AREA X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	URBAN SOURCE	AIRCRAFT OF VERTS.	AIRCRAFT SZ	INIT. SCALAR VARY BY
AREA	0	0.64200E-06	403418.9	3751225.7	24.2	3.11	YES	8	0.00	HRDOW

NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	AREA , A0000085 , A0000086 , A0000087 , A0000061 , A0000062 , A0000063 , A0000064 , A0000065 , A0000047 , A0000048 , A0000049 , A0000050 , A0000051 , A0000052 , A0000053 , A0000054 , A0000055 , A0000056 , A0000057 , A0000058 , A0000059 , A0000060 , A0000066 , A0000067 , A0000068 , A0000069 , A0000070 , A0000071 , A0000072 , A0000073 , A0000074 , A0000075 , A0000076 , A0000077 , A0000078 , A0000079 , A0000080 , A0000081 , A0000082 , A0000083 , A0000084 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs
	98537.	AREA , A0000085 , A0000086 , A0000087 , A0000061 , A0000062 , A0000063 , A0000064 ,
		A0000065 , A0000047 , A0000048 , A0000049 , A0000050 , A0000051 , A0000052 , A0000053 ,
		A0000054 , A0000055 , A0000056 , A0000057 , A0000058 , A0000059 , A0000060 , A0000066 ,
		A0000067 , A0000068 , A0000069 , A0000070 , A0000071 , A0000072 , A0000073 , A0000074 ,
		A0000075 , A0000076 , A0000077 , A0000078 , A0000079 , A0000080 , A0000081 , A0000082 ,
		A0000083 , A0000084 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = AREA ; SOURCE TYPE = AREAPOLY :

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	.1000E+01	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	.1000E+01
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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000085 ; 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	.1000E+01	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	.1000E+01
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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000086 ; 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	.1000E+01	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	.1000E+01
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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000087 ; 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	.1000E+01	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	.1000E+01
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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000061 ; 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	.1000E+01	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	.1000E+01
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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000062 ; 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	.1000E+01	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	.1000E+01
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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000063 ; 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	.1000E+01	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	.1000E+01
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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000064 ; 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	.1000E+01	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	.1000E+01
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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000065 ; 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	.1000E+01	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	.1000E+01
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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000047 ; 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	.1000E+01	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	.1000E+01
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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000048 ; 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	.1000E+01	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	.1000E+01
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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000049 ; 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	.1000E+01	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	.1000E+01
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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000050 ; 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	.1000E+01	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	.1000E+01
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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000051 ; 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	.1000E+01	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	.1000E+01
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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000052 ; 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	.1000E+01	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	.1000E+01
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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000053 ; 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	.1000E+01	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	.1000E+01
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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000054 ; 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	.1000E+01	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	.1000E+01
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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000055 ; 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	.1000E+01	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	.1000E+01
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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000056 ; 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	.1000E+01	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	.1000E+01
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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000057 ; 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	.1000E+01	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	.1000E+01
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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000058 ; 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	.1000E+01	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	.1000E+01
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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000059 ; 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	.1000E+01	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	.1000E+01
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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000060 ; 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	.1000E+01	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	.1000E+01
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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000066 ; 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	.1000E+01	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	.1000E+01
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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000067 ; 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	.1000E+01	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	.1000E+01
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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000068 ; 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	.1000E+01	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	.1000E+01
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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000069 ; 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	.1000E+01	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	.1000E+01
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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000070 ; 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	.1000E+01	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	.1000E+01
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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000071 ; 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	.1000E+01	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	.1000E+01
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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000072 ; 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	.1000E+01	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	.1000E+01
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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000073 ; 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	.1000E+01	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	.1000E+01
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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000074 ; 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	.1000E+01	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	.1000E+01
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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000075 ; 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	.1000E+01	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	.1000E+01
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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000076 ; 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	.1000E+01	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	.1000E+01
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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000077 ; 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	.1000E+01	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	.1000E+01
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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000078 ; 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	.1000E+01	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	.1000E+01
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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000079 ; 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	.1000E+01	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	.1000E+01
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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000080 ; 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	.1000E+01	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	.1000E+01
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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000081 ; 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	.1000E+01	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	.1000E+01
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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000082 ; 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	.1000E+01	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	.1000E+01
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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000083 ; 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	.1000E+01	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	.1000E+01
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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000084 ; 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	.1000E+01	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	.1000E+01
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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

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

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

402234.1, 402336.0, 402437.9, 402539.7, 402641.6, 402743.5, 402845.3, 402947.2, 403049.1, 403151.0,
403252.8, 403354.7, 403456.6, 403558.4, 403660.3, 403762.2, 403864.0, 403965.9, 404067.8, 404169.7,
404271.5, 404373.4, 404475.3, 404577.1, 404679.0,

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

3749205.8, 3749306.8, 3749407.8, 3749508.8, 3749609.8, 3749710.8, 3749811.9, 3749912.9, 3750013.9, 3750114.9,
3750215.9, 3750316.9, 3750417.9, 3750518.9, 3750619.9, 3750720.9, 3750822.0, 3750923.0, 3751024.0, 3751125.0,
3751226.0, 3751327.0, 3751428.0, 3751529.0, 3751630.0, 3751731.0, 3751832.1, 3751933.1, 3752034.1, 3752135.1,
3752236.1, 3752337.1, 3752438.1, 3752539.1, 3752640.1, 3752741.1, 3752842.2, 3752943.2, 3753044.2, 3753145.2,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	402234.13	402336.00	402437.87	402539.74	402641.61	402743.48	402845.35	402947.22	403049.09
3753145.19	34.50	34.50	29.50	29.90	29.60	29.90	29.60	29.50	29.40
3753044.18	28.00	34.20	29.20	28.80	28.50	28.60	28.40	28.00	28.00
3752943.17	28.80	29.30	30.60	28.90	28.20	28.20	28.70	28.80	28.80
3752842.16	28.20	28.80	29.00	28.60	28.10	29.10	28.90	28.80	28.80
3752741.15	27.80	28.30	28.50	28.40	27.90	28.90	28.40	28.20	28.20
3752640.14	27.40	27.70	28.10	27.90	27.70	27.70	28.00	27.70	27.80
3752539.13	27.90	27.60	27.50	28.20	28.20	28.00	27.60	27.80	28.30
3752438.12	27.50	27.20	27.00	27.40	27.90	27.60	27.40	27.30	28.20
3752337.11	27.00	26.80	26.70	27.00	27.00	27.60	27.10	27.00	26.60
3752236.10	27.10	26.90	26.50	26.70	27.10	27.40	26.80	26.60	26.50
3752135.09	26.90	26.60	26.10	26.30	26.90	26.40	26.00	26.80	26.70
3752034.08	26.80	26.50	26.00	26.60	27.30	26.10	25.20	26.20	26.80
3751933.07	26.60	26.40	25.70	26.30	25.80	26.10	25.30	25.90	25.50
3751832.06	26.10	25.90	25.60	25.30	25.10	25.50	25.70	25.60	25.80
3751731.05	25.80	25.50	25.10	24.70	24.40	24.50	25.10	25.60	25.80
3751630.04	25.00	24.80	24.90	24.70	24.70	24.40	24.90	25.10	25.30

3751529.03	25.60	24.40	24.30	24.50	24.50
24.20	24.70	25.10	25.10		
3751428.02	25.30	24.60	24.40	24.30	24.10
24.20	24.40	24.60	24.80		
3751327.01	24.40	23.90	24.20	24.50	23.90
24.00	24.60	24.60	25.90		
3751226.00	24.50	23.90	24.30	24.10	24.30
24.70	24.60	24.80	25.60		
3751124.99	24.90	24.00	23.60	23.80	24.20
23.80	25.70	24.70	25.50		
3751023.98	23.60	23.20	23.00	23.30	23.60
23.80	25.10	24.90	26.40		
3750922.97	23.20	23.30	23.30	23.50	23.50
23.60	23.90	24.90	25.10		
3750821.96	22.70	23.00	22.80	22.90	23.20
23.30	23.40	23.40	24.60		
3750720.95	22.50	22.60	22.70	23.40	23.50
23.60	23.70	23.70	23.70		
3750619.94	22.30	22.50	22.50	22.50	22.60
22.70	23.30	23.20	23.30		
3750518.93	22.30	22.30	22.60	22.40	22.40
23.30	23.30	23.30	23.30		
3750417.92	22.10	22.20	22.70	21.70	21.70
21.60	22.40	23.10	23.20		
3750316.91	22.50	22.00	22.00	21.10	21.20
22.60	22.10	22.80	22.90		
3750215.90	22.00	21.80	21.60	21.30	21.10
21.60	22.40	22.40	22.20		
3750114.89	21.40	21.30	20.90	21.40	21.10
20.70	21.70	21.80	21.90		
3750013.88	20.00	20.80	20.40	20.60	21.00
20.80	21.60	21.40	20.80		
3749912.87	19.80	19.80	20.40	19.70	20.60
20.80	20.80	20.80	20.80		
3749811.86	20.00	19.90	19.60	20.20	20.90
21.40	20.70	20.70	20.50		
3749710.85	20.10	20.30	20.50	19.90	20.20
20.10	20.70	20.70	20.50		
3749609.84	19.10	19.20	19.60	19.40	19.10
19.20	19.30	19.50	20.30		
3749508.83	19.20	19.70	19.80	19.50	19.30
19.60	19.60	19.90	20.10		
3749407.82	19.10	19.10	19.00	19.20	19.20
19.10	19.10	19.20	19.50		
3749306.81	18.80	18.60	19.30	19.40	20.10
20.40	19.60	19.60	19.70		
3749205.80	18.60	18.70	18.70	19.50	19.40
19.40	19.60	19.70	19.40		

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	403150.96	403252.83	403354.70	403456.57	403558.44	403660.31	403762.18	403864.05	403965.92
3753145.19	29.40	29.30	29.40	30.10	29.80	33.10	32.20	31.50	30.90
3753044.18	28.00	28.90	29.50	29.40	29.80	32.80	31.70	30.50	31.30
3752943.17	28.80	29.10	29.50	29.60	30.50	30.10	30.70	30.20	32.80
3752842.16	28.90	28.60	28.50	28.60	29.00	30.40	30.80	25.50	34.10
3752741.15	28.30	28.50	28.20	28.50	28.70	28.90	30.40	32.10	33.30
3752640.14	27.80	28.00	28.20	28.40	28.20	27.80	29.90	31.30	31.30
3752539.13	27.90	27.60	27.20	27.90	28.00	27.20	24.70	27.70	27.30
3752438.12	27.50	24.40	26.90	27.10	27.10	26.90	26.20	27.20	27.00
3752337.11	26.30	24.70	27.30	27.20	27.00	26.70	26.80	27.20	27.00
3752236.10	26.60	26.50	26.50	28.20	26.70	26.70	25.10	24.50	24.40
3752135.09	26.50	26.60	26.90	26.40	26.80	26.90	27.50	27.50	27.80
3752034.08	26.70	26.30	26.30	26.10	26.00	26.80	27.40	28.10	28.70
3751933.07	25.90	26.10	25.70	25.70	25.50	26.50	26.20	27.30	28.10
3751832.06	25.70	25.50	25.50	25.20	25.10	26.80	26.70	25.90	27.10
3751731.05	25.40	25.70	25.80	25.20	24.50	25.40	25.30	24.80	25.30
3751630.04	25.20	25.50	25.50	24.70	23.60	23.60	20.40	24.00	24.20

3751529.03	25.00	25.10	24.90	24.40	23.50
23.00	23.40	24.50	24.00		
3751428.02	24.90	25.20	25.10	24.10	23.50
23.30	22.90	23.50	23.90		
3751327.01	25.40	24.90	24.30	23.90	23.30
22.60	22.90	22.80	20.50		
3751226.00	25.40	24.70	24.60	23.90	23.40
22.70	22.40	22.50	22.60		
3751124.99	25.40	24.60	24.30	23.60	23.50
23.10	22.40	22.20	22.10		
3751023.98	24.80	26.00	23.50	23.10	22.80
22.50	21.90	21.60	21.40		
3750922.97	25.00	24.60	24.30	23.30	23.40
22.50	22.20	21.70	21.50		
3750821.96	24.00	24.70	24.70	22.90	23.20
22.70	22.30	21.60	21.20		
3750720.95	24.00	24.70	23.70	23.40	23.10
22.10	21.90	22.20	21.10		
3750619.94	23.80	23.50	23.70	24.80	23.20
22.10	21.70	21.90	20.90		
3750518.93	23.30	23.40	23.60	23.00	23.30
22.20	22.20	21.30	21.00		
3750417.92	23.10	23.40	23.10	23.50	22.70
22.50	22.20	21.80	21.10		
3750316.91	22.70	22.80	22.90	23.00	22.70
22.10	21.60	21.20	21.20		
3750215.90	21.90	22.10	22.50	22.80	22.40
22.00	21.70	21.10	21.00		
3750114.89	21.90	21.90	22.20	22.00	22.50
22.00	20.80	21.20	21.20		
3750013.88	21.60	21.50	21.90	21.50	21.90
21.50	20.50	21.20	20.60		
3749912.87	21.10	21.50	21.50	21.30	21.10
21.20	20.80	20.80	20.40		
3749811.86	20.80	21.40	21.50	21.50	21.50
21.80	21.80	21.20	20.90		
3749710.85	21.10	21.30	21.60	21.30	21.10
21.10	20.70	20.20	19.90		
3749609.84	20.70	20.90	20.80	21.30	20.90
20.30	20.00	20.40	19.80		
3749508.83	20.00	20.50	20.80	20.80	20.40
20.50	20.10	20.70	20.00		
3749407.82	19.70	20.10	20.90	20.80	20.20
19.70	19.80	19.80	19.50		
3749306.81	19.90	20.50	20.80	19.60	19.70
19.20	19.90	19.70	19.80		
3749205.80	19.60	20.50	20.50	19.70	18.80
18.60	19.20	18.90	18.90		

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	404067.79	404169.66	404271.53	404373.40	404475.27	404577.14	404679.01
3753145.19	32.60	31.50	32.20	32.60	32.80	32.50	32.20
3753044.18	32.40	30.90	32.20	32.30	33.50	31.40	30.70
3752943.17	31.30	30.30	31.70	33.40	33.70	31.20	30.70
3752842.16	35.60	30.20	31.40	33.20	33.70	31.00	30.60
3752741.15	34.30	29.80	31.30	33.00	33.50	30.80	30.30
3752640.14	28.60	29.60	31.00	32.20	33.20	31.60	29.60
3752539.13	28.30	28.10	31.10	31.90	31.40	31.80	30.10
3752438.12	28.00	27.90	29.00	31.20	30.70	29.40	29.10
3752337.11	28.00	28.20	28.40	28.40	28.40	27.60	28.40
3752236.10	26.20	26.30	26.50	26.80	28.00	28.20	28.20
3752135.09	28.00	28.30	28.30	28.50	28.30	28.70	31.10
3752034.08	28.30	28.30	28.40	28.20	28.80	32.90	35.40
3751933.07	28.90	29.20	29.50	29.70	30.90	32.50	33.90
3751832.06	28.50	28.30	28.80	29.60	30.70	31.80	32.90
3751731.05	27.10	28.20	28.20	28.60	30.00	31.20	31.80
3751630.04	25.30	25.30	25.30	27.90	29.00	30.50	31.30

3751529.03	24.50	25.00	24.60	24.90	29.10	29.80	30.80
3751428.02	24.10	24.80	24.40	24.60	25.30	26.10	29.20
3751327.01	23.70	24.10	23.90	24.20	24.50	24.80	25.70
3751226.00	18.20	24.00	23.80	23.80	23.80	24.40	25.80
3751124.99	22.10	18.20	24.20	23.50	23.90	23.90	24.70
3751023.98	21.70	22.40	21.50	23.80	23.90	24.00	24.00
3750922.97	21.50	21.80	22.20	23.30	23.90	23.30	23.80
3750821.96	21.40	21.60	22.00	21.70	23.60	23.60	24.10
3750720.95	22.10	22.10	21.50	21.60	19.20	22.30	22.50
3750619.94	21.90	21.10	20.90	21.40	15.60	21.60	20.10
3750518.93	22.00	21.10	20.40	20.50	15.30	20.30	20.90
3750417.92	21.80	21.10	20.40	20.90	14.80	20.20	20.10
3750316.91	21.00	18.40	19.90	20.20	14.30	20.50	20.50
3750215.90	23.60	20.70	25.50	26.20	14.10	20.00	20.00
3750114.89	20.10	20.50	20.20	22.30	14.00	20.00	19.70
3750013.88	20.40	19.60	20.60	20.20	14.00	20.80	19.80
3749912.87	20.70	20.00	19.30	19.70	14.90	19.00	19.70
3749811.86	20.70	19.50	19.10	18.20	13.80	19.00	18.70
3749710.85	20.00	20.10	17.60	17.50	13.50	18.80	19.20
3749609.84	19.90	20.20	19.10	18.80	13.20	17.70	18.10
3749508.83	19.60	19.40	17.80	18.40	12.90	17.70	17.50
3749407.82	19.00	18.30	18.10	18.30	12.60	18.00	17.20
3749306.81	19.20	19.00	18.20	18.40	12.50	17.60	17.50
3749205.80	19.20	18.00	17.80	18.00	12.40	18.00	17.80

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	402234.13	402336.00	402437.87	402539.74	402641.61	402743.48	402845.35	402947.22	403049.09
3753145.19	34.50	34.50	34.50	29.90	29.60	29.90	29.60	29.50	29.40
3753044.18	34.60	34.20	33.20	28.80	28.50	28.60	28.40	28.00	28.00
3752943.17	28.80	29.30	30.60	28.90	28.20	28.20	28.70	28.80	28.80
3752842.16	28.20	28.80	29.00	28.60	28.10	29.10	28.90	28.80	28.80
3752741.15	27.80	28.30	28.50	28.40	27.90	28.90	28.40	28.20	28.20
3752640.14	27.40	27.70	28.10	27.90	27.70	27.70	28.00	27.70	27.80
3752539.13	27.90	27.60	27.50	28.20	28.20	28.00	27.60	27.80	28.30
3752438.12	28.00	27.20	27.00	27.40	27.90	27.60	27.40	27.30	28.20
3752337.11	27.00	26.80	26.70	27.00	27.00	27.60	27.10	27.00	26.60
3752236.10	27.10	26.90	26.50	26.70	27.10	27.40	26.80	26.60	26.50
3752135.09	26.90	26.60	26.10	26.30	26.90	26.40	26.00	26.80	26.70
3752034.08	26.80	26.50	26.00	26.60	27.30	26.10	25.20	26.20	26.80
3751933.07	26.60	26.40	25.70	26.30	25.80	26.10	25.30	25.90	25.50
3751832.06	26.10	25.90	25.60	25.30	25.10	25.50	25.70	25.60	25.80
3751731.05	25.80	25.50	25.10	24.70	24.40	24.50	25.10	25.60	25.80
3751630.04	25.00	24.80	24.90	24.70	24.70	24.40	24.90	25.10	25.30

3751529.03	25.60	30.60	30.60	24.50	24.50
24.20	24.70	25.10	25.10		
3751428.02	25.30	24.60	24.40	24.30	24.10
24.20	24.40	24.60	24.80		
3751327.01	24.40	30.50	30.50	24.50	23.90
24.00	24.60	24.60	25.90		
3751226.00	24.50	23.90	24.30	24.10	24.30
24.70	24.60	24.80	25.60		
3751124.99	24.90	24.00	23.60	23.80	24.20
23.80	25.70	24.70	25.50		
3751023.98	23.60	23.20	23.00	23.30	23.60
23.80	25.10	24.90	26.40		
3750922.97	23.20	23.30	23.30	23.50	23.50
23.60	23.90	24.90	28.60		
3750821.96	22.70	23.00	22.80	22.90	23.20
23.30	23.40	23.40	24.60		
3750720.95	22.50	22.60	22.70	23.40	23.50
23.60	23.70	23.70	23.70		
3750619.94	22.30	22.50	22.50	22.50	22.60
22.70	23.30	23.20	23.30		
3750518.93	22.30	22.30	22.60	22.40	22.40
23.30	23.30	23.30	23.30		
3750417.92	22.10	22.20	22.70	21.70	21.70
21.60	22.40	23.10	23.20		
3750316.91	22.50	22.00	22.00	21.10	21.20
22.60	22.10	22.80	22.90		
3750215.90	22.00	21.80	21.60	21.30	21.10
21.60	22.40	22.40	22.20		
3750114.89	21.40	21.30	20.90	21.40	21.10
20.70	21.70	21.80	21.90		
3750013.88	20.00	20.80	20.40	20.60	21.00
20.80	21.60	21.40	20.80		
3749912.87	19.80	19.80	20.40	19.70	20.60
20.80	20.80	20.80	20.80		
3749811.86	20.00	19.90	19.60	20.20	20.90
21.90	20.70	20.70	20.50		
3749710.85	20.10	20.30	21.20	19.90	20.20
20.10	20.70	20.70	20.50		
3749609.84	19.10	19.20	19.60	19.40	19.10
19.20	19.30	19.50	20.30		
3749508.83	19.20	19.70	19.80	19.50	19.30
19.60	19.60	19.90	20.10		
3749407.82	19.10	19.10	19.00	19.20	19.20
19.10	19.10	19.20	19.50		
3749306.81	18.80	18.60	19.30	19.40	20.10
20.40	19.60	19.60	19.70		
3749205.80	18.60	18.70	18.70	19.50	19.40
19.40	19.60	19.70	19.40		

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	403150.96	403252.83	403354.70	403456.57	403558.44	403660.31	403762.18	403864.05	403965.92
3753145.19	29.40	29.30	29.40	30.10	29.80	33.10	32.20	31.50	30.90
3753044.18	28.00	28.90	29.50	29.40	29.80	32.80	31.70	30.50	31.30
3752943.17	28.80	29.10	29.50	29.60	30.50	30.10	30.70	30.80	32.80
3752842.16	28.90	29.50	28.50	28.60	29.00	30.40	30.80	34.40	34.10
3752741.15	28.30	28.50	28.20	28.50	28.70	28.90	30.40	32.10	33.30
3752640.14	27.80	28.00	28.20	28.40	28.20	27.80	29.90	31.30	33.10
3752539.13	27.90	27.60	27.20	27.90	28.00	27.20	28.00	27.70	27.30
3752438.12	28.30	28.40	26.90	27.10	27.10	26.90	27.50	27.20	27.00
3752337.11	26.30	28.30	27.30	27.20	27.00	26.70	26.80	27.20	27.00
3752236.10	26.60	26.50	26.50	28.20	26.70	26.70	27.30	27.90	27.70
3752135.09	26.50	26.60	26.90	26.40	26.80	26.90	27.50	27.50	27.80
3752034.08	26.70	26.30	26.30	26.10	26.00	26.80	27.40	28.10	28.70
3751933.07	25.90	26.10	25.70	25.70	25.50	26.50	26.20	27.30	28.10
3751832.06	25.70	25.50	25.50	25.20	25.10	26.80	26.70	25.90	27.10
3751731.05	25.40	25.70	26.70	25.20	24.50	25.40	25.30	24.80	25.30
3751630.04	25.20	25.50	25.50	24.70	23.60	23.60	25.20	24.00	24.20

3751529.03	25.00	25.10	24.90	24.40	23.50
23.00	23.40	24.50	24.00		
3751428.02	24.90	25.20	25.10	24.10	23.50
23.30	22.90	23.50	23.90		
3751327.01	25.40	24.90	24.30	23.90	23.30
22.60	22.90	22.80	23.30		
3751226.00	25.40	24.70	24.60	23.90	23.40
22.70	22.40	22.50	22.60		
3751124.99	25.40	24.60	24.30	23.60	23.50
23.10	22.40	22.20	22.10		
3751023.98	30.10	26.00	23.50	23.10	22.80
22.50	21.90	21.60	21.40		
3750922.97	32.60	32.60	24.30	23.30	23.40
22.50	22.20	21.70	21.50		
3750821.96	25.30	24.70	26.50	22.90	23.20
22.70	22.30	21.60	21.20		
3750720.95	24.00	24.70	23.70	23.40	23.10
22.10	21.90	22.20	21.10		
3750619.94	23.80	23.50	23.70	27.00	23.20
22.10	21.70	21.90	20.90		
3750518.93	23.30	23.40	23.60	23.00	23.30
22.20	22.20	21.30	21.00		
3750417.92	23.10	23.40	23.10	23.50	22.70
22.50	22.20	21.80	21.10		
3750316.91	22.70	22.80	22.90	23.00	22.70
22.10	21.60	21.20	21.20		
3750215.90	21.90	22.10	22.50	22.80	22.40
22.00	21.70	21.10	21.00		
3750114.89	21.90	21.90	22.20	22.00	22.50
22.00	20.80	21.20	21.20		
3750013.88	21.60	21.50	21.90	21.50	21.90
21.50	20.50	21.20	20.60		
3749912.87	21.10	21.50	21.50	21.30	21.10
21.20	20.80	20.80	20.40		
3749811.86	20.80	21.40	21.50	21.50	21.50
21.80	21.80	21.20	20.90		
3749710.85	21.10	21.30	21.60	21.30	21.10
21.10	20.70	20.20	19.90		
3749609.84	20.70	20.90	20.80	21.30	20.90
20.30	20.00	20.40	19.80		
3749508.83	20.00	20.50	20.80	20.80	20.40
20.50	20.10	20.70	20.00		
3749407.82	19.70	20.10	20.90	20.80	20.20
19.70	19.80	19.80	19.50		
3749306.81	19.90	20.50	20.80	19.60	19.70
19.20	19.90	19.70	19.80		
3749205.80	19.60	20.50	20.50	19.70	18.80
18.60	19.20	18.90	18.90		

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)	404067.79	404169.66	404271.53	404373.40	404475.27	404577.14	404679.01
3753145.19	32.60	31.50	32.20	32.60	32.80	32.50	32.20	
3753044.18	32.40	31.90	32.20	33.50	33.50	31.40	30.70	
3752943.17	33.00	30.30	31.70	33.40	33.70	31.20	30.70	
3752842.16	35.60	30.20	31.40	33.20	33.70	31.00	30.60	
3752741.15	34.30	29.80	31.30	33.00	33.50	30.80	30.30	
3752640.14	33.70	29.60	31.00	32.20	33.20	31.60	29.60	
3752539.13	28.30	28.10	31.10	31.90	31.40	31.80	30.10	
3752438.12	28.00	27.90	29.00	31.20	30.70	29.40	29.10	
3752337.11	28.00	28.20	28.40	28.40	28.40	27.60	28.40	
3752236.10	27.90	28.10	28.20	28.30	28.00	28.20	28.20	
3752135.09	28.00	28.30	28.30	28.50	28.30	28.70	31.10	
3752034.08	28.30	28.30	28.40	28.20	31.80	32.90	35.40	
3751933.07	28.90	29.20	29.50	29.70	30.90	32.50	33.90	
3751832.06	28.50	28.30	28.80	29.60	30.70	31.80	32.90	
3751731.05	27.10	28.20	28.20	28.60	30.00	31.20	31.80	
3751630.04	25.30	25.30	28.60	27.90	29.00	30.50	31.30	

3751529.03	24.50	25.00	24.60	24.90	29.10	29.80	30.80
3751428.02	24.10	24.80	24.40	24.60	25.30	29.80	29.20
3751327.01	23.70	24.10	23.90	24.20	24.50	24.80	25.70
3751226.00	23.90	24.00	23.80	23.80	23.80	24.40	25.80
3751124.99	22.10	24.10	24.20	23.50	23.90	23.90	24.70
3751023.98	21.70	22.40	24.60	23.80	23.90	24.00	24.00
3750922.97	21.50	21.80	22.20	23.30	23.90	23.30	23.80
3750821.96	21.40	21.60	22.00	21.70	23.60	23.60	24.10
3750720.95	22.10	22.10	21.50	21.60	22.50	22.30	22.50
3750619.94	21.90	21.10	20.90	21.40	22.40	21.90	21.50
3750518.93	22.00	21.10	20.40	20.50	21.40	20.30	20.90
3750417.92	21.80	22.20	20.40	20.90	20.40	20.20	20.10
3750316.91	21.00	21.50	29.80	20.20	24.50	20.50	20.50
3750215.90	23.60	28.60	29.80	26.20	27.20	20.00	20.00
3750114.89	20.10	20.50	20.20	22.30	24.40	20.00	19.70
3750013.88	20.40	19.60	20.60	20.20	22.60	20.80	19.80
3749912.87	20.70	20.00	19.30	19.70	20.40	19.00	19.70
3749811.86	20.70	19.50	19.10	18.20	20.40	19.00	18.70
3749710.85	20.00	20.10	17.60	17.50	19.20	18.80	19.20
3749609.84	19.90	20.20	19.10	18.80	18.40	17.70	18.10
3749508.83	19.60	19.40	17.80	18.40	18.20	17.70	17.50
3749407.82	19.00	18.30	18.10	18.30	18.50	18.00	17.20
3749306.81	19.20	19.00	18.20	18.40	18.50	17.60	17.50
3749205.80	19.20	18.00	17.80	18.00	18.30	18.00	17.80

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(403008.6, 3751235.1, 24.5, 24.5, 0.0); (403210.2, 3751439.4, 25.0, 25.0, 0.0);
(403635.2, 3751113.7, 23.0, 23.0, 0.0); (403415.2, 3751147.2, 24.4, 24.4, 0.0);
(403600.5, 3751145.6, 23.2, 23.2, 0.0); (403633.5, 3751038.3, 22.8, 22.8, 0.0);
(403008.4, 3751234.9, 24.5, 24.5, 0.0); (403210.2, 3751439.6, 25.0, 25.0, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***

(1=YES; 0=NO)

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

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

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

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

Surface file: KFUL_V9_ADJU\KFUL_v9.SFC
Met Version: 16216
Profile file: KFUL_V9_ADJU\KFUL_v9.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 3166 Upper air station no.: 3190
Name: FULLERTON_MUNICIPAL_AIRPORT Name: UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-4.8	0.098	-9.000	-9.000	-999.	74.	18.0	0.26	2.61	1.00	0.96	322.	10.1	283.8	2.0
12	01	01	1	02	-1.9	0.072	-9.000	-9.000	-999.	47.	18.0	0.26	2.61	1.00	0.52	13.	10.1	283.1	2.0
12	01	01	1	03	-3.1	0.083	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	1.00	0.75	73.	10.1	282.0	2.0
12	01	01	1	04	-4.3	0.094	-9.000	-9.000	-999.	69.	17.3	0.26	2.61	1.00	0.91	98.	10.1	281.4	2.0
12	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.26	2.61	1.00	0.00	0.	10.1	280.9	2.0
12	01	01	1	06	-2.1	0.074	-9.000	-9.000	-999.	48.	17.6	0.26	2.61	1.00	0.55	80.	10.1	280.4	2.0
12	01	01	1	07	-2.8	0.080	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	1.00	0.69	201.	10.1	280.4	2.0
12	01	01	1	08	-1.5	0.066	-9.000	-9.000	-999.	41.	17.0	0.26	2.61	0.54	0.52	72.	10.1	280.9	2.0
12	01	01	1	09	37.4	-9.000	-9.000	-9.000	38.	-999.	-99999.0	0.26	2.61	0.31	0.00	0.	10.1	285.9	2.0
12	01	01	1	10	109.1	0.151	0.713	0.008	121.	141.	-2.9	0.26	2.61	0.24	0.79	268.	10.1	289.9	2.0
12	01	01	1	11	160.5	0.148	1.143	0.005	338.	136.	-1.8	0.26	2.61	0.21	0.70	273.	10.1	294.2	2.0
12	01	01	1	12	186.9	0.156	1.483	0.005	634.	148.	-1.8	0.26	2.61	0.20	0.74	230.	10.1	297.5	2.0
12	01	01	1	13	187.4	0.210	1.777	0.005	1088.	231.	-4.5	0.26	2.61	0.20	1.20	227.	10.1	300.4	2.0

```
 12 01 01   1 14  160.3  0.235  1.833  0.005 1395.  274.     -7.4  0.26
2.61   0.21    1.47  233.   10.1  300.9    2.0
 12 01 01   1 15  109.1  0.197  1.662  0.005 1527.  210.     -6.3  0.26
2.61   0.25    1.20  233.   10.1  302.0    2.0
 12 01 01   1 16   33.3  0.243  1.125  0.005 1548.  288.    -39.2  0.26
2.61   0.33    1.91  229.   10.1  298.1    2.0
 12 01 01   1 17   -9.1  0.141 -9.000 -9.000 -999.  132.     28.3  0.26
2.61   0.60    1.37  212.   10.1  294.2    2.0
 12 01 01   1 18   -4.3  0.094 -9.000 -9.000 -999.   69.     17.5  0.26
2.61   1.00    0.91  190.   10.1  292.0    2.0
 12 01 01   1 19   -2.8  0.079 -9.000 -9.000 -999.   54.     16.3  0.26
2.61   1.00    0.70  302.   10.1  289.2    2.0
 12 01 01   1 20   -4.0  0.091 -9.000 -9.000 -999.   65.     17.0  0.26
2.61   1.00    0.87  338.   10.1  288.1    2.0
 12 01 01   1 21   -6.3  0.113 -9.000 -9.000 -999.   91.     20.5  0.26
2.61   1.00    1.11  304.   10.1  287.0    2.0
 12 01 01   1 22   -3.1  0.082 -9.000 -9.000 -999.   57.     16.3  0.26
2.61   1.00    0.75   76.   10.1  285.4    2.0
 12 01 01   1 23   -2.4  0.076 -9.000 -9.000 -999.   50.     16.7  0.26
2.61   1.00    0.62  306.   10.1  284.9    2.0
 12 01 01   1 24   -3.6  0.087 -9.000 -9.000 -999.   62.     16.6  0.26
2.61   1.00    0.82  318.   10.1  283.8    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01   10.1 1  322.    0.96   283.8   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA , A0000085 , A0000086 , A0000087 , A0000061 ,
A0000062 , A0000063 , A0000064 , A0000065 , A0000047 , A0000048 , A0000049 , A0000050 ,
A0000051 , A0000052 , A0000053 , A0000054 , A0000055 , A0000056 , A0000057 , A0000058 ,
A0000059 , A0000060 , A0000066 , A0000067 , A0000068 , A0000069 , A0000070 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS)									
	402234.13	402336.00	402437.87	402539.74	402641.61	402743.48	402845.35	402947.22	403049.09
3753145.19	0.00023	0.00024	0.00027	0.00028	0.00031	0.00033	0.00035	0.00037	0.00039
3753044.18	0.00025	0.00025	0.00028	0.00030	0.00032	0.00034	0.00036	0.00038	0.00041
3752943.17	0.00026	0.00027	0.00028	0.00031	0.00033	0.00035	0.00038	0.00041	0.00043
3752842.16	0.00028	0.00029	0.00030	0.00032	0.00035	0.00037	0.00040	0.00043	0.00046
3752741.15	0.00029	0.00030	0.00032	0.00034	0.00036	0.00039	0.00042	0.00046	0.00049
3752640.14	0.00031	0.00032	0.00034	0.00036	0.00038	0.00041	0.00045	0.00049	0.00053
3752539.13	0.00033	0.00034	0.00036	0.00038	0.00040	0.00044	0.00048	0.00052	0.00057
3752438.12	0.00035	0.00037	0.00038	0.00040	0.00043	0.00047	0.00051	0.00057	0.00063
3752337.11	0.00038	0.00040	0.00042	0.00044	0.00046	0.00050	0.00055	0.00061	0.00069
3752236.10	0.00042	0.00044	0.00045	0.00048	0.00051	0.00054	0.00060	0.00067	0.00076
3752135.09	0.00047	0.00048	0.00050	0.00053	0.00056	0.00060	0.00066	0.00074	0.00084

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  3752034.08 |       0.00053      0.00055      0.00057      0.00059
0.00062      0.00067      0.00074      0.00083      0.00095
  3751933.07 |       0.00063      0.00064      0.00066      0.00068
0.00072      0.00077      0.00084      0.00094      0.00109
  3751832.06 |       0.00078      0.00079      0.00080      0.00082
0.00085      0.00090      0.00098      0.00109      0.00127
  3751731.05 |       0.00098      0.00100      0.00102      0.00104
0.00107      0.00112      0.00119      0.00131      0.00152
  3751630.04 |       0.00127      0.00131      0.00135      0.00139
0.00143      0.00148      0.00156      0.00168      0.00192
  3751529.03 |       0.00165      0.00174      0.00183      0.00193
0.00203      0.00213      0.00224      0.00239      0.00265
  3751428.02 |       0.00208      0.00226      0.00245      0.00267
0.00291      0.00319      0.00350      0.00385      0.00429
  3751327.01 |       0.00251      0.00278      0.00311      0.00351
0.00400      0.00461      0.00539      0.00641      0.00773
  3751226.00 |       0.00283      0.00319      0.00364      0.00421
0.00495      0.00596      0.00736      0.00943      0.01269
  3751124.99 |       0.00296      0.00336      0.00386      0.00451
0.00537      0.00655      0.00823      0.01081      0.01506
  3751023.98 |       0.00289      0.00327      0.00374      0.00433
0.00510      0.00613      0.00752      0.00953      0.01248
  3750922.97 |       0.00267      0.00298      0.00335      0.00381
0.00437      0.00506      0.00592      0.00700      0.00836
  3750821.96 |       0.00235      0.00258      0.00285      0.00315
0.00349      0.00389      0.00433      0.00483      0.00542
  3750720.95 |       0.00202      0.00217      0.00234      0.00252
0.00272      0.00293      0.00316      0.00343      0.00378
  3750619.94 |       0.00169      0.00179      0.00189      0.00200
0.00212      0.00225      0.00240      0.00260      0.00287
  3750518.93 |       0.00142      0.00148      0.00154      0.00161
0.00169      0.00179      0.00192      0.00209      0.00231
  3750417.92 |       0.00119      0.00123      0.00128      0.00134
0.00140      0.00149      0.00161      0.00175      0.00193
  3750316.91 |       0.00101      0.00105      0.00109      0.00114
0.00120      0.00128      0.00139      0.00151      0.00164
  3750215.90 |       0.00088      0.00091      0.00094      0.00099
0.00106      0.00113      0.00122      0.00132      0.00142
  3750114.89 |       0.00077      0.00080      0.00084      0.00089
0.00095      0.00101      0.00109      0.00116      0.00124
  3750013.88 |       0.00069      0.00072      0.00076      0.00081
0.00086      0.00092      0.00098      0.00103      0.00110
  3749912.87 |       0.00063      0.00066      0.00070      0.00074
0.00079      0.00083      0.00088      0.00093      0.00098
  3749811.86 |       0.00058      0.00061      0.00065      0.00068
0.00072      0.00076      0.00080      0.00084      0.00088
  3749710.85 |       0.00054      0.00057      0.00060      0.00063
0.00067      0.00070      0.00073      0.00076      0.00080
  3749609.84 |       0.00051      0.00053      0.00056      0.00059
0.00062      0.00064      0.00067      0.00070      0.00073
  3749508.83 |       0.00048      0.00050      0.00053      0.00055
0.00057      0.00059      0.00061      0.00064      0.00067
  3749407.82 |       0.00045      0.00048      0.00050      0.00051
0.00053      0.00055      0.00057      0.00059      0.00062
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  3749306.81 |       0.00043      0.00045      0.00047      0.00048
0.00050      0.00051      0.00053      0.00055      0.00057
  3749205.80 |       0.00041      0.00042      0.00044      0.00045
0.00046      0.00048      0.00049      0.00051      0.00053
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA , A0000085 , A0000086 , A0000087 , A0000061 ,
A0000062 , A0000063 , A0000064 , A0000065 , A0000047 , A0000048 , A0000049 , A0000050 ,
A0000051 , A0000052 , A0000053 , A0000054 , A0000055 , A0000056 , A0000057 , A0000058 ,
A0000059 , A0000060 , A0000066 , A0000067 , A0000068 , A0000069 , A0000070 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS)				
	403150.96	403252.83	403354.70	403456.57	403558.44	403660.31	403762.18	403864.05	403965.92
3753145.19	0.00041	0.00043	0.00045	0.00048	0.00051	0.00053	0.00057	0.00060	0.00064
3753044.18	0.00043	0.00046	0.00049	0.00052	0.00055	0.00058	0.00062	0.00066	0.00071
3752943.17	0.00046	0.00049	0.00053	0.00056	0.00060	0.00064	0.00068	0.00074	0.00078
3752842.16	0.00050	0.00053	0.00057	0.00061	0.00066	0.00071	0.00076	0.00084	0.00088
3752741.15	0.00053	0.00058	0.00062	0.00067	0.00073	0.00079	0.00086	0.00093	0.00100
3752640.14	0.00058	0.00063	0.00069	0.00075	0.00082	0.00090	0.00098	0.00106	0.00115
3752539.13	0.00063	0.00069	0.00076	0.00084	0.00093	0.00103	0.00115	0.00124	0.00134
3752438.12	0.00069	0.00078	0.00086	0.00095	0.00107	0.00120	0.00134	0.00147	0.00157
3752337.11	0.00077	0.00087	0.00097	0.00110	0.00125	0.00142	0.00160	0.00176	0.00187
3752236.10	0.00086	0.00098	0.00112	0.00128	0.00149	0.00172	0.00197	0.00216	0.00226
3752135.09	0.00097	0.00112	0.00131	0.00155	0.00182	0.00214	0.00244	0.00265	0.00271

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  3752034.08 |       0.00111      0.00131      0.00157      0.00190
0.00231      0.00274      0.00313      0.00334      0.00331
  3751933.07 |       0.00129      0.00156      0.00193      0.00241
0.00302      0.00366      0.00417      0.00431      0.00407
  3751832.06 |       0.00153      0.00191      0.00244      0.00319
0.00416      0.00507      0.00567      0.00564      0.00498
  3751731.05 |       0.00186      0.00238      0.00318      0.00443
0.00607      0.00750      0.00804      0.00739      0.00599
  3751630.04 |       0.00235      0.00310      0.00439      0.00664
0.00959      0.01177      0.01168      0.00953      0.00694
  3751529.03 |       0.00318      0.00427      0.00651      0.01097
0.01694      0.01973      0.01694      0.01184      0.00760
  3751428.02 |       0.00499      0.00651      0.01058      0.02141
0.03525      0.03569      0.02413      0.01373      0.00782
  3751327.01 |       0.00968      0.01298      0.02161      0.05898
0.09660      0.06973      0.03156      0.01454      0.00777
  3751226.00 |       0.01847      0.03078      0.07147      0.58864
0.64249      0.13108      0.03559      0.01448      0.00774
  3751124.99 |       0.02302      0.04125      0.10613      0.77607
0.82101      0.18966      0.03326      0.01395      0.00777
  3751023.98 |       0.01727      0.02522      0.04060      0.06927
0.08322      0.06592      0.02392      0.01224      0.00739
  3750922.97 |       0.01009      0.01240      0.01594      0.02077
0.02322      0.02036      0.01429      0.00943      0.00643
  3750821.96 |       0.00617      0.00726      0.00885      0.01056
0.01132      0.01063      0.00890      0.00692      0.00526
  3750720.95 |       0.00427      0.00496      0.00583      0.00659
0.00688      0.00664      0.00603      0.00516      0.00425
  3750619.94 |       0.00324      0.00369      0.00420      0.00460
0.00472      0.00460      0.00436      0.00396      0.00345
  3750518.93 |       0.00258      0.00289      0.00321      0.00343
0.00348      0.00341      0.00330      0.00311      0.00284
  3750417.92 |       0.00212      0.00234      0.00255      0.00269
0.00271      0.00266      0.00259      0.00251      0.00236
  3750316.91 |       0.00179      0.00194      0.00209      0.00218
0.00219      0.00214      0.00210      0.00206      0.00199
  3750215.90 |       0.00153      0.00164      0.00175      0.00181
0.00181      0.00178      0.00174      0.00172      0.00169
  3750114.89 |       0.00133      0.00142      0.00150      0.00154
0.00154      0.00151      0.00147      0.00146      0.00145
  3750013.88 |       0.00117      0.00124      0.00130      0.00133
0.00133      0.00130      0.00127      0.00126      0.00126
  3749912.87 |       0.00104      0.00110      0.00114      0.00117
0.00116      0.00114      0.00111      0.00110      0.00110
  3749811.86 |       0.00093      0.00098      0.00102      0.00104
0.00103      0.00101      0.00098      0.00097      0.00097
  3749710.85 |       0.00084      0.00088      0.00091      0.00093
0.00092      0.00090      0.00088      0.00087      0.00086
  3749609.84 |       0.00077      0.00080      0.00083      0.00084
0.00083      0.00081      0.00079      0.00078      0.00078
  3749508.83 |       0.00070      0.00073      0.00075      0.00076
0.00076      0.00074      0.00072      0.00071      0.00070
  3749407.82 |       0.00065      0.00067      0.00069      0.00070
0.00069      0.00068      0.00066      0.00065      0.00064
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  3749306.81 |       0.00060      0.00062      0.00064      0.00064
0.00064      0.00062      0.00061      0.00059      0.00059
  3749205.80 |       0.00056      0.00058      0.00059      0.00059
0.00059      0.00058      0.00056      0.00055      0.00054
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA ,
A0000085 , A0000086 , A0000087 , A0000061 ,
A0000062 , A0000063 , A0000064 , A0000065 ,
A0000047 , A0000048 , A0000049 , A0000050 ,
A0000051 , A0000052 , A0000053 , A0000054 ,
A0000055 , A0000056 , A0000057 , A0000058 ,
A0000059 , A0000060 , A0000066 , A0000067 ,
A0000068 , A0000069 , A0000070 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS)						
	404067.79	404169.66	404271.53	404373.40	404475.27	404577.14	404679.01
3753145.19	0.00068	0.00072	0.00074	0.00076	0.00076	0.00075	0.00073
3753044.18	0.00075	0.00079	0.00081	0.00083	0.00082	0.00081	0.00078
3752943.17	0.00084	0.00088	0.00090	0.00090	0.00089	0.00087	0.00083
3752842.16	0.00093	0.00098	0.00100	0.00099	0.00096	0.00092	0.00087
3752741.15	0.00106	0.00110	0.00111	0.00108	0.00104	0.00098	0.00091
3752640.14	0.00121	0.00124	0.00123	0.00119	0.00112	0.00104	0.00095
3752539.13	0.00140	0.00142	0.00137	0.00130	0.00121	0.00109	0.00099
3752438.12	0.00162	0.00161	0.00155	0.00142	0.00129	0.00115	0.00102
3752337.11	0.00189	0.00184	0.00172	0.00156	0.00138	0.00120	0.00104
3752236.10	0.00223	0.00211	0.00191	0.00168	0.00144	0.00123	0.00105
3752135.09	0.00261	0.00238	0.00208	0.00177	0.00148	0.00124	0.00105

3752034.08	0.00306	0.00267	0.00224	0.00184	0.00150
0.00124	0.00103				
3751933.07	0.00355	0.00293	0.00234	0.00187	0.00150
0.00122	0.00101				
3751832.06	0.00404	0.00315	0.00241	0.00187	0.00148
0.00119	0.00098				
3751731.05	0.00449	0.00328	0.00242	0.00183	0.00144
0.00116	0.00097				
3751630.04	0.00480	0.00335	0.00242	0.00180	0.00141
0.00115	0.00097				
3751529.03	0.00489	0.00329	0.00237	0.00180	0.00141
0.00116	0.00098				
3751428.02	0.00481	0.00324	0.00236	0.00182	0.00147
0.00122	0.00103				
3751327.01	0.00477	0.00327	0.00242	0.00189	0.00153
0.00127	0.00108				
3751226.00	0.00489	0.00339	0.00253	0.00197	0.00160
0.00133	0.00113				
3751124.99	0.00500	0.00352	0.00263	0.00206	0.00167
0.00139	0.00118				
3751023.98	0.00495	0.00357	0.00270	0.00213	0.00173
0.00144	0.00123				
3750922.97	0.00461	0.00346	0.00269	0.00216	0.00177
0.00149	0.00127				
3750821.96	0.00405	0.00320	0.00258	0.00212	0.00177
0.00151	0.00130				
3750720.95	0.00347	0.00285	0.00238	0.00201	0.00172
0.00149	0.00130				
3750619.94	0.00295	0.00251	0.00215	0.00186	0.00161
0.00143	0.00127				
3750518.93	0.00252	0.00221	0.00194	0.00170	0.00150
0.00135	0.00121				
3750417.92	0.00216	0.00195	0.00174	0.00156	0.00139
0.00126	0.00115				
3750316.91	0.00187	0.00172	0.00157	0.00142	0.00129
0.00118	0.00108				
3750215.90	0.00162	0.00152	0.00141	0.00130	0.00119
0.00110	0.00102				
3750114.89	0.00142	0.00135	0.00127	0.00119	0.00110
0.00103	0.00096				
3750013.88	0.00124	0.00121	0.00115	0.00109	0.00102
0.00096	0.00090				
3749912.87	0.00110	0.00108	0.00105	0.00100	0.00094
0.00089	0.00084				
3749811.86	0.00097	0.00097	0.00095	0.00092	0.00087
0.00083	0.00079				
3749710.85	0.00087	0.00087	0.00086	0.00084	0.00081
0.00078	0.00074				
3749609.84	0.00078	0.00079	0.00079	0.00077	0.00075
0.00072	0.00069				
3749508.83	0.00071	0.00071	0.00072	0.00071	0.00070
0.00068	0.00065				
3749407.82	0.00064	0.00065	0.00066	0.00066	0.00065
0.00064	0.00062				

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  3749306.81 |       0.00059      0.00059      0.00060      0.00061
0.00060      0.00059      0.00058
  3749205.80 |       0.00054      0.00055      0.00055      0.00056
0.00056      0.00056      0.00055
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA , A0000085 , A0000086 , A0000087 , A0000061 ,
A0000062 , A0000063 , A0000064 , A0000065 , A0000047 , A0000048 , A0000049 , A0000050 ,
A0000051 , A0000052 , A0000053 , A0000054 , A0000055 , A0000056 , A0000057 , A0000058 ,
A0000059 , A0000060 , A0000066 , A0000067 , A0000068 , A0000069 , A0000070 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
403008.61	3751235.14	0.01088	403210.21	3751439.36	0.00539
403635.16	3751113.73	0.43054	403415.16	3751147.23	0.40615
403600.54	3751145.56	0.64436	403633.48	3751038.35	0.13934
403008.39	3751234.87	0.01088	403210.21	3751439.62	0.00538

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA , A0000085 , A0000086 , A0000087 , A0000061 ,
A0000062 , A0000063 , A0000064 , A0000065 ,
A0000047 , A0000048 , A0000049 , A0000050 ,
A0000051 , A0000052 , A0000053 , A0000054 ,
A0000055 , A0000056 , A0000057 , A0000058 ,
A0000059 , A0000060 , A0000066 , A0000067 ,
A0000068 , A0000069 , A0000070 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS)		
	402234.13	402336.00	402437.87
402539.74	402641.61		
3753145.2	0.22794 (12100807)	0.19578 (12100807)	0.22224 (15012807)
0.27621 (15012807)	0.30418 (15012807)		
3753044.2	0.18254 (12100807)	0.23371 (12100807)	0.19264 (15012807)
0.23073 (15012807)	0.25851 (15012807)		
3752943.2	0.19442 (14021807)	0.23464 (12100807)	0.22276 (12100807)
0.22872 (15012807)	0.26638 (15012807)		
3752842.2	0.20337 (14021807)	0.21143 (14021807)	0.21130 (12100807)
0.22192 (15012807)	0.26987 (15012807)		
3752741.1	0.21335 (15012908)	0.22470 (14021807)	0.23137 (12100807)
0.22586 (12100807)	0.26803 (15012807)		
3752640.1	0.25393 (15012908)	0.23106 (14021807)	0.24889 (14021807)
0.25324 (12100807)	0.25959 (15012807)		
3752539.1	0.29009 (15012908)	0.27765 (15012908)	0.26028 (14021807)
0.27618 (14021807)	0.27623 (12100807)		
3752438.1	0.31568 (15012908)	0.32147 (15012908)	0.30519 (15012908)
0.29477 (14021807)	0.30821 (12100807)		
3752337.1	0.32465 (15012908)	0.35287 (15012908)	0.35914 (15012908)
0.33759 (15012908)	0.33570 (14021807)		
3752236.1	0.31199 (15012908)	0.36360 (15012908)	0.39834 (15012908)
0.40499 (15012908)	0.37592 (15012908)		
3752135.1	0.36071 (12022407)	0.35652 (12022407)	0.41146 (15012908)
0.45499 (15012908)	0.46179 (15012908)		

3752034.1	0.39168 (12022407)	0.41530 (12022407)	0.41815 (12022407)
	0.47125 (15012908)	0.52704 (15012908)	
3751933.1	0.40505 (15011308)	0.44209 (12022407)	0.48178 (12022407)
	0.49679 (12022407)	0.54780 (15012908)	
3751832.1	0.43513 (15011308)	0.47344 (15011308)	0.49929 (12022407)
	0.56354 (12022407)	0.59938 (12022407)	
3751731.0	0.47033 (12122808)	0.50550 (12122808)	0.54935 (15011308)
	0.60073 (15011308)	0.66418 (12022407)	
3751630.0	0.53749 (12121008)	0.56400 (12121008)	0.59770 (12122808)
	0.65550 (12122808)	0.72588 (15011308)	
3751529.0	0.56731 (12121008)	0.63493 (12121008)	0.70239 (12121008)
	0.76304 (12121008)	0.80622 (12121008)	
3751428.0	0.51472 (13010908)	0.59286 (12121008)	0.69733 (12121008)
	0.81798 (12121008)	0.95257 (12121008)	
3751327.0	0.50911 (16021108)	0.57555 (13010908)	0.65730 (13010908)
	0.75520 (13010908)	0.87244 (13010908)	
3751226.0	0.54069 (13012208)	0.60256 (13012208)	0.67765 (13012208)
	0.76999 (13012208)	0.88596 (13012208)	
3751125.0	0.52526 (13012208)	0.58711 (13012208)	0.66291 (13012208)
	0.75766 (13012208)	0.87818 (13012208)	
3751024.0	0.55183 (13013108)	0.61967 (13013108)	0.70087 (13013108)
	0.79964 (13013108)	0.92075 (13013108)	
3750923.0	0.54160 (12032107)	0.62166 (12032107)	0.71558 (12032107)
	0.82501 (12032107)	0.95010 (12032107)	
3750822.0	0.56889 (12032107)	0.62545 (12032107)	0.68218 (12032107)
	0.74421 (12010408)	0.83127 (12010408)	
3750720.9	0.51580 (12010408)	0.56167 (12010408)	0.60226 (12010408)
	0.66510 (13010408)	0.81864 (12020208)	
3750619.9	0.46097 (16110807)	0.51491 (13010408)	0.60992 (12020208)
	0.73335 (12020208)	0.84092 (12020208)	
3750518.9	0.47730 (12020208)	0.56384 (12020208)	0.64250 (12020208)
	0.69748 (12020208)	0.70902 (12020208)	
3750417.9	0.51018 (12020208)	0.55681 (12020208)	0.57921 (12020208)
	0.56593 (12020208)	0.61951 (13011708)	
3750316.9	0.48042 (12020208)	0.48300 (12020208)	0.48604 (13011708)
	0.52590 (13011708)	0.55411 (15122908)	
3750215.9	0.40515 (12020208)	0.42730 (13011708)	0.45330 (13011708)
	0.47689 (15122908)	0.52233 (15122908)	
3750114.9	0.37883 (13011708)	0.39557 (13011708)	0.41656 (15122908)
	0.45353 (15122908)	0.50528 (13100707)	
3750013.9	0.34879 (13011708)	0.36828 (15122908)	0.39882 (15122908)
	0.44077 (13100707)	0.46342 (12101907)	
3749912.9	0.32883 (15122908)	0.35456 (15122908)	0.38841 (13100707)
	0.40646 (13100707)	0.46453 (12101907)	
3749811.9	0.31817 (15122908)	0.34527 (13100707)	0.36487 (13100707)
	0.40136 (12101907)	0.44362 (12101907)	
3749710.8	0.30933 (13100707)	0.32936 (13100707)	0.34830 (12101907)
	0.39316 (12101907)	0.40754 (12101907)	
3749609.8	0.29869 (13100707)	0.30354 (12101907)	0.34843 (12101907)
	0.37095 (12101907)	0.36314 (15101507)	
3749508.8	0.27673 (13100707)	0.30915 (12101907)	0.33625 (12101907)
	0.33950 (12101907)	0.32705 (15101507)	
3749407.8	0.27475 (12101907)	0.30404 (12101907)	0.31492 (12101907)
	0.30690 (15101507)	0.31725 (12121708)	

3749306.8	0.27469 (12101907)	0.29048 (12101907)	0.28768 (12101907)
	0.27986 (12121708)	0.30294 (12121708)	
3749205.8	0.26701 (12101907)	0.27079 (12101907)	0.26359 (15101507)
	0.27320 (12121708)	0.28480 (12121708)	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA , A0000085 , A0000086 , A0000087 , A0000061 ,
A0000062 , A0000063 , A0000064 , A0000065 ,
A0000047 , A0000048 , A0000049 , A0000050 ,
A0000051 , A0000052 , A0000053 , A0000054 ,
A0000055 , A0000056 , A0000057 , A0000058 ,
A0000059 , A0000060 , A0000066 , A0000067 ,
A0000068 , A0000069 , A0000070 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS)				
	402743.48	402845.35	402947.22	403049.09	403150.96
3753145.2	0.30718 (15012807)	0.28408 (13122607)	0.31928 (13122607)	0.31682 (13122607)	0.27758 (13122607)
3753044.2	0.26912 (15012807)	0.25897 (15012807)	0.27561 (13122607)	0.28323 (13122607)	0.26557 (13122607)
3752943.2	0.28748 (15012807)	0.28592 (15012807)	0.28939 (13122607)	0.30537 (13122607)	0.29254 (13122607)
3752842.2	0.30352 (15012807)	0.31320 (15012807)	0.30187 (13122607)	0.32850 (13122607)	0.32243 (13122607)
3752741.1	0.31549 (15012807)	0.33953 (15012807)	0.33137 (15012807)	0.35209 (13122607)	0.35541 (13122607)
3752640.1	0.32172 (15012807)	0.36337 (15012807)	0.37014 (15012807)	0.37526 (13122607)	0.39161 (13122607)
3752539.1	0.32036 (15012807)	0.38215 (15012807)	0.40918 (15012807)	0.39691 (13122607)	0.43064 (13122607)
3752438.1	0.30948 (15012807)	0.39302 (15012807)	0.44590 (15012807)	0.44538 (15012807)	0.47221 (13122607)
3752337.1	0.34514 (12100807)	0.39279 (15012807)	0.47661 (15012807)	0.50559 (15012807)	0.51514 (13122607)
3752236.1	0.38426 (14021807)	0.38522 (12100807)	0.49617 (15012807)	0.56531 (15012807)	0.55707 (13122607)
3752135.1	0.42163 (15012908)	0.44283 (12100807)	0.49833 (15012807)	0.61844 (15012807)	0.64496 (15012807)

3752034.1	0.53382 (15012908)	0.49025 (14021807)	0.51483 (12100807)
	0.65544 (15012807)	0.74924 (15012807)	
3751933.1	0.62159 (15012908)	0.62700 (15012908)	0.59166 (14021807)
	0.66326 (15012807)	0.84951 (15012807)	
3751832.1	0.64855 (15012908)	0.74950 (15012908)	0.75102 (15012908)
	0.72386 (14021807)	0.92655 (15012807)	
3751731.0	0.73598 (12022407)	0.78575 (15012908)	0.93043 (15012908)
	0.92235 (15012908)	0.94877 (15012807)	
3751630.0	0.79694 (15011308)	0.92243 (12022407)	0.98182 (15012908)
	1.20321 (15012908)	1.17014 (15012908)	
3751529.0	0.90261 (12122808)	1.02578 (15011308)	1.18478 (12022407)
	1.34746 (12022407)	1.65219 (15012908)	
3751428.0	1.09300 (12121008)	1.22008 (12121008)	1.36856 (12122808)
	1.62206 (15011308)	1.99368 (12022407)	
3751327.0	1.06684 (12121008)	1.34708 (12121008)	1.69884 (12121008)
	2.10713 (12121008)	2.49489 (12122808)	
3751226.0	1.03418 (13012208)	1.22970 (13012208)	1.53808 (13010908)
	2.03281 (13010908)	2.95667 (12121008)	
3751125.0	1.03576 (13012208)	1.26107 (12011208)	1.58667 (13013108)
	2.09795 (13013108)	2.94899 (13013108)	
3751024.0	1.07440 (12032107)	1.34175 (12032107)	1.69920 (12032107)
	2.17420 (12032107)	2.77810 (12032107)	
3750923.0	1.08836 (12032107)	1.23066 (12032107)	1.43985 (12010408)
	1.94404 (12020208)	2.60732 (12020208)	
3750822.0	0.91057 (13010408)	1.18363 (12020208)	1.50754 (12020208)
	1.72450 (12020208)	1.85314 (13011708)	
3750720.9	1.00816 (12020208)	1.16045 (12020208)	1.20357 (12020208)
	1.31021 (13011708)	1.59833 (13100707)	
3750619.9	0.90097 (12020208)	0.91247 (13011708)	0.99400 (15122908)
	1.18864 (13100707)	1.46384 (12101907)	
3750518.9	0.74338 (13011708)	0.79497 (15122908)	0.92668 (13100707)
	1.09746 (12101907)	1.21848 (12101907)	
3750417.9	0.65578 (15122908)	0.74693 (13100707)	0.84364 (12101907)
	0.99632 (12101907)	1.01649 (12121708)	
3750316.9	0.61810 (13100707)	0.68870 (13100707)	0.81366 (12101907)
	0.83692 (12101907)	0.88545 (12121708)	
3750215.9	0.58598 (13100707)	0.66856 (12101907)	0.72793 (12101907)
	0.73573 (12121708)	0.75479 (13120908)	
3750114.9	0.55393 (12101907)	0.62729 (12101907)	0.61786 (15101507)
	0.66324 (12121708)	0.67408 (13120908)	
3750013.9	0.53939 (12101907)	0.55846 (12101907)	0.56591 (12121708)
	0.58215 (12121708)	0.59300 (13120908)	
3749912.9	0.49924 (12101907)	0.48454 (15101507)	0.52161 (12121708)
	0.52571 (13120908)	0.52246 (13122408)	
3749811.9	0.44413 (12101907)	0.45383 (12121708)	0.46995 (12121708)
	0.47930 (13120908)	0.48586 (13032007)	
3749710.8	0.39304 (15101507)	0.42478 (12121708)	0.42171 (13120908)
	0.43207 (13120908)	0.45094 (13032007)	
3749609.8	0.37511 (12121708)	0.38979 (12121708)	0.39424 (13120908)
	0.38906 (13122408)	0.41679 (13032007)	
3749508.8	0.35504 (12121708)	0.35239 (12121708)	0.36454 (13120908)
	0.36082 (13032007)	0.38813 (14012008)	
3749407.8	0.33035 (12121708)	0.32979 (13120908)	0.33392 (13120908)
	0.34221 (13032007)	0.36530 (14012008)	

 3749306.8 | 0.30331 (12121708)   0.31066 (13120908)   0.30489
(13122408)   0.32327 (13032007)   0.34347 (14012008)
 3749205.8 | 0.27981 (13120908)   0.28999 (13120908)   0.28488
(13122408)   0.30418 (13032007)   0.32235 (14012008)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA , A0000085 , A0000086 , A0000087 , A0000061 ,
A0000062 , A0000063 , A0000064 , A0000065 ,
A0000047 , A0000048 , A0000049 , A0000050 ,
A0000051 , A0000052 , A0000053 , A0000054 ,
A0000055 , A0000056 , A0000057 , A0000058 ,
A0000059 , A0000060 , A0000066 , A0000067 ,
A0000068 , A0000069 , A0000070 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS)			
	403252.83	403354.70	403456.57	403558.44	403660.31
3753145.2	0.29991 (14012307)	0.33498 (14012307)	0.33148 (14012307)	0.27262 (14012307)	0.23426 (15122208)
3753044.2	0.27033 (14012307)	0.35907 (14012307)	0.34796 (14012307)	0.29307 (14012307)	0.24733 (15122208)
3752943.2	0.28617 (14012307)	0.38472 (14012307)	0.37899 (14012307)	0.31998 (14012307)	0.25333 (13020607)
3752842.2	0.30308 (14012307)	0.34032 (14012307)	0.33910 (14012307)	0.29993 (14012307)	0.28408 (13020607)
3752741.1	0.32138 (14012307)	0.36756 (14012307)	0.36941 (14012307)	0.32604 (14012307)	0.27277 (13020607)
3752640.1	0.35998 (13122607)	0.39845 (14012307)	0.40446 (14012307)	0.35618 (14012307)	0.30372 (13020607)
3752539.1	0.40742 (13122607)	0.43371 (14012307)	0.44572 (14012307)	0.39146 (14012307)	0.34009 (13020607)
3752438.1	0.46230 (13122607)	0.47403 (14012307)	0.49425 (14012307)	0.43337 (14012307)	0.38277 (13020607)
3752337.1	0.52584 (13122607)	0.52060 (14012307)	0.55243 (14012307)	0.48364 (14012307)	0.43335 (13020607)
3752236.1	0.59862 (13122607)	0.57446 (14012307)	0.62281 (14012307)	0.54409 (14012307)	0.49464 (13020607)
3752135.1	0.68138 (13122607)	0.63707 (14012307)	0.70997 (14012307)	0.61877 (14012307)	0.56843 (13020607)

3752034.1	0.77283 (13122607)	0.75244 (13122607)	0.81875 (14012307)	0.71251 (14012307)	0.65888 (13020607)
3751933.1	0.86958 (13122607)	0.90865 (13122607)	0.95873 (14012307)	0.83311 (14012307)	0.77036 (13020607)
3751832.1	1.05758 (15012807)	1.10694 (13122607)	1.14433 (14012307)	0.99358 (14012307)	0.95355 (13030407)
3751731.0	1.27585 (15012807)	1.35777 (13122607)	1.39868 (14012307)	1.21477 (14012307)	1.27253 (14120808)
3751630.0	1.46959 (15012807)	1.66824 (13122607)	1.76348 (14012307)	1.53457 (14012307)	1.73648 (14120808)
3751529.0	1.57202 (14021807)	2.24942 (15012807)	2.31877 (14012307)	2.03151 (14012307)	2.35340 (14120808)
3751428.0	2.49729 (15012908)	2.94996 (15012807)	3.42357 (13122607)	3.02703 (14120808)	3.10811 (12110107)
3751327.0	3.30791 (12022407)	4.54571 (15012908)	5.73741 (13122607)	5.62910 (14120808)	4.54851 (12110107)
3751226.0	4.73408 (12121008)	8.19215 (12121008)	14.82489 (15012807)	16.19209 (12110107)	8.06946 (12032907)
3751125.0	4.57028 (13013108)	8.87219 (12032107)	16.57376 (12032107)	16.43664 (13032707)	9.62654 (13103107)
3751024.0	4.20046 (12020208)	6.19969 (12020208)	8.32287 (12121708)	8.56803 (16121308)	8.96571 (12020808)
3750923.0	2.93171 (13011708)	4.17656 (12101907)	4.65134 (14012008)	4.49099 (16121308)	4.24687 (15032507)
3750822.0	2.40927 (12101907)	2.83114 (12121708)	3.17169 (12101707)	2.95647 (14011608)	2.94105 (16121308)
3750720.9	1.99560 (12101907)	2.06704 (13120908)	2.35742 (12101707)	2.16640 (16100507)	2.24217 (16121308)
3750619.9	1.54819 (12121708)	1.59713 (13120908)	1.83079 (12101707)	1.68316 (16100507)	1.70808 (16121308)
3750518.9	1.27163 (12121708)	1.33223 (13032007)	1.46707 (12101707)	1.35632 (16100507)	1.31111 (16121308)
3750417.9	1.05909 (13120908)	1.14687 (14012008)	1.21612 (14012208)	1.12386 (16100507)	1.07040 (14010708)
3750316.9	0.89368 (13120908)	0.99143 (14012008)	1.03157 (14012208)	0.95136 (16100507)	0.88875 (14010708)
3750215.9	0.77753 (13032007)	0.86090 (14012008)	0.88913 (14012208)	0.82008 (14012108)	0.76204 (14011608)
3750114.9	0.69958 (13032007)	0.75831 (12101707)	0.77641 (14012208)	0.71798 (14012108)	0.67783 (14011608)
3750013.9	0.62976 (14012008)	0.67842 (12101707)	0.68557 (14012208)	0.63545 (14012108)	0.60689 (14011608)
3749912.9	0.57740 (14012008)	0.61021 (12101707)	0.61084 (14012208)	0.56835 (14012108)	0.54670 (14011608)
3749811.9	0.52871 (14012008)	0.55106 (12101707)	0.54925 (14012208)	0.51244 (14012108)	0.49542 (14011608)
3749710.8	0.48411 (14012008)	0.50005 (12101707)	0.49680 (14012208)	0.46537 (14012108)	0.45126 (14011608)
3749609.8	0.44374 (14012008)	0.45603 (12101707)	0.45245 (14012208)	0.42539 (14012108)	0.41310 (14011608)
3749508.8	0.40713 (14012008)	0.41718 (12101707)	0.41414 (14012208)	0.39090 (14012108)	0.37958 (14011608)
3749407.8	0.37925 (12101707)	0.38364 (14012208)	0.38107 (14012208)	0.36084 (14012108)	0.35111 (16100507)

3749306.8 | 0.35485 (12101707) 0.35697 (14012208) 0.35211 (14012208) 0.33458 (14012108) 0.32697 (16100507)
3749205.8 | 0.33211 (12101707) 0.33330 (14012208) 0.32662 (14012208) 0.31149 (14012108) 0.30527 (16100507)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA , A0000085 , A0000086 , A0000087 , A0000061 ,
A0000062 , A0000063 , A0000064 , A0000065 ,
A0000047 , A0000048 , A0000049 , A0000050 ,
A0000051 , A0000052 , A0000053 , A0000054 ,
A0000055 , A0000056 , A0000057 , A0000058 ,
A0000059 , A0000060 , A0000066 , A0000067 ,
A0000068 , A0000069 , A0000070 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS)			
	403762.18	403864.05	403965.92	404067.79	404169.66
3753145.2	0.27170 (13020607)	0.28859 (13020607)	0.26235 (13030407)	0.31800 (13030407)	0.33018 (14120808)
3753044.2	0.29401 (13020607)	0.29857 (13020607)	0.29892 (13030407)	0.34392 (13030407)	0.36249 (14120808)
3752943.2	0.31313 (13020607)	0.31531 (13020607)	0.34904 (13030407)	0.35753 (13030407)	0.39083 (14120808)
3752842.2	0.34471 (13020607)	0.27193 (13020607)	0.40362 (13030407)	0.44981 (14120808)	0.42077 (14120808)
3752741.1	0.37334 (13020607)	0.37462 (13020607)	0.44113 (13030407)	0.50267 (14120808)	0.43893 (14120808)
3752640.1	0.40319 (13020607)	0.41363 (13030407)	0.45734 (13030407)	0.40169 (14120808)	0.44997 (14120808)
3752539.1	0.36161 (13020607)	0.38065 (13030407)	0.42990 (14120808)	0.43648 (14120808)	0.38693 (14120808)
3752438.1	0.39750 (13020607)	0.43186 (14120808)	0.48611 (14120808)	0.46657 (14120808)	0.40589 (12110107)
3752337.1	0.44117 (13030407)	0.50984 (14120808)	0.54332 (14120808)	0.48794 (14120808)	0.46442 (12110107)
3752236.1	0.51664 (13030407)	0.59872 (14120808)	0.59701 (14120808)	0.51398 (12110107)	0.51786 (12110107)
3752135.1	0.60543 (13030407)	0.69619 (14120808)	0.64013 (14120808)	0.59742 (12110107)	0.55723 (12110107)

3752034.1	0.74883 (14120808)	0.79664 (14120808)	0.68150 (12110107)
	0.67117 (12110107)	0.57174 (12110107)	
3751933.1	0.92407 (14120808)	0.88832 (14120808)	0.80949 (12110107)
	0.71810 (12110107)	0.57460 (12111607)	
3751832.1	1.12700 (14120808)	0.96890 (12110107)	0.91695 (12110107)
	0.71681 (12110107)	0.72688 (12111307)	
3751731.0	1.34247 (14120808)	1.18755 (12110107)	0.96554 (12110107)
	0.90117 (12111307)	0.84566 (12031507)	
3751630.0	1.54134 (12110107)	1.35287 (12110107)	1.16343 (12111307)
	1.08860 (12031507)	0.97171 (12031507)	
3751529.0	1.99373 (12110107)	1.59257 (12111607)	1.46941 (12031507)
	1.22999 (12031507)	0.99553 (12110907)	
3751428.0	2.40442 (12111607)	2.13059 (12031507)	1.63360 (12110907)
	1.45200 (12032907)	1.26717 (12032907)	
3751327.0	3.48011 (12031507)	2.63742 (12032907)	2.08277 (12032907)
	1.56366 (12032907)	1.15070 (12032907)	
3751226.0	4.47485 (12032907)	2.64106 (12032907)	1.97815 (12011107)
	1.53665 (12011107)	1.24055 (12011107)	
3751125.0	4.62379 (13103107)	2.90294 (16012707)	2.07189 (15012808)
	1.58419 (15012808)	1.26098 (15012808)	
3751024.0	4.81280 (13032707)	2.94593 (13020408)	2.00713 (13020408)
	1.53977 (14011007)	1.26094 (13103107)	
3750923.0	3.76260 (12020808)	3.01743 (13032707)	1.96071 (13032707)
	1.54441 (13020408)	1.25513 (13020408)	
3750822.0	2.39907 (14012808)	2.31796 (12020808)	2.03616 (13032707)
	1.60029 (13032707)	1.15997 (16012108)	
3750720.9	1.92665 (15032507)	1.59318 (13110707)	1.62672 (12020808)
	1.46302 (13032707)	1.28593 (13032707)	
3750619.9	1.49850 (12020608)	1.39422 (15032507)	1.17590 (13110707)
	1.22847 (12020808)	1.09881 (13032707)	
3750518.9	1.31126 (16121308)	1.16886 (13021408)	1.02618 (14012808)
	0.92112 (12020808)	0.97187 (12020808)	
3750417.9	1.12784 (16121308)	0.98320 (12020608)	0.94009 (15032507)
	0.81237 (13110507)	0.75559 (12020808)	
3750316.9	0.95558 (16121308)	0.86102 (16121308)	0.81453 (13021408)
	0.75321 (15032507)	0.66104 (13110507)	
3750215.9	0.80496 (16121308)	0.79114 (16121308)	0.71100 (12020608)
	0.68808 (15032507)	0.61082 (14012808)	
3750114.9	0.67736 (14010708)	0.71264 (16121308)	0.62271 (14011008)
	0.61149 (13021408)	0.58207 (15032507)	
3750013.9	0.59988 (14010708)	0.63373 (16121308)	0.58416 (16121308)
	0.54674 (12020608)	0.53027 (15032507)	
3749912.9	0.53238 (14010708)	0.55926 (16121308)	0.54713 (16121308)
	0.48303 (14011008)	0.48233 (13021408)	
3749811.9	0.47346 (14010708)	0.49147 (16121308)	0.50506 (16121308)
	0.44901 (16121308)	0.43845 (12020608)	
3749710.8	0.42232 (14010708)	0.43451 (14010708)	0.46147 (16121308)
	0.43164 (16121308)	0.39200 (12020608)	
3749609.8	0.38726 (15030607)	0.39864 (14010708)	0.41868 (16121308)
	0.40915 (16121308)	0.36711 (14011008)	
3749508.8	0.35740 (15030607)	0.36549 (14010708)	0.37808 (16121308)
	0.38347 (16121308)	0.34855 (16121308)	
3749407.8	0.33166 (14011608)	0.33508 (14010708)	0.34023 (16121308)
	0.35648 (16121308)	0.33673 (16121308)	

3749306.8	0.31141 (14011608)	0.30736 (14010708)	0.31064 (14010708)
	0.32935 (16121308)	0.32189 (16121308)	
3749205.8	0.29261 (14011608)	0.28225 (14010708)	0.29062 (14010708)
	0.30284 (16121308)	0.30492 (16121308)	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA ,
A0000085 , A0000086 , A0000087 , A0000061 ,
A0000062 , A0000063 , A0000064 , A0000065 ,
A0000047 , A0000048 , A0000049 , A0000050 ,
A0000051 , A0000052 , A0000053 , A0000054 ,
A0000055 , A0000056 , A0000057 , A0000058 ,
A0000059 , A0000060 , A0000066 , A0000067 ,
A0000068 , A0000069 , A0000070 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS)			
	404271.53	404373.40	404475.27	404577.14	404679.01
3753145.2	0.36216 (14120808)	0.33801 (14120808)	0.26979 (14120808)	0.29310 (12110107)	0.30674 (12110107)
3753044.2	0.38289 (14120808)	0.33210 (14120808)	0.30146 (12110107)	0.31720 (12110107)	0.30784 (12110107)
3752943.2	0.38976 (14120808)	0.32416 (14120808)	0.35218 (12110107)	0.34192 (12110107)	0.31557 (12110107)
3752842.2	0.38933 (14120808)	0.35298 (12110107)	0.39735 (12110107)	0.35685 (12110107)	0.31104 (12110107)
3752741.1	0.37933 (14120808)	0.41107 (12110107)	0.42929 (12110107)	0.35893 (12110107)	0.29310 (12110107)
3752640.1	0.40260 (12110107)	0.45286 (12110107)	0.44205 (12110107)	0.35465 (12110107)	0.26349 (12110107)
3752539.1	0.47137 (12110107)	0.48425 (12110107)	0.41595 (12110107)	0.32397 (12110107)	0.27182 (12111607)
3752438.1	0.41474 (12110107)	0.48666 (12110107)	0.38489 (12110107)	0.29376 (12111607)	0.29611 (12111607)
3752337.1	0.44697 (12110107)	0.39085 (12110107)	0.31490 (12110107)	0.33058 (12111607)	0.34266 (12111307)
3752236.1	0.46513 (12110107)	0.37916 (12110107)	0.37250 (12111607)	0.38684 (12111307)	0.37623 (12111307)
3752135.1	0.46226 (12110107)	0.42437 (12111607)	0.44185 (12111307)	0.42719 (12111307)	0.50676 (12031507)

3752034.1	0.48986 (12111607)	0.51182 (12111307)	0.49124 (12111307)
	0.61939 (12031507)	0.62765 (12031507)	
3751933.1	0.71776 (12111307)	0.70093 (12111307)	0.68154 (12031507)
	0.66537 (14120407)	0.63443 (12110907)	
3751832.1	0.68308 (12111307)	0.77091 (12031507)	0.72085 (14120407)
	0.68069 (12110907)	0.58898 (12110907)	
3751731.0	0.78791 (12031507)	0.67897 (12110907)	0.72475 (12110907)
	0.63310 (14032407)	0.66594 (12032907)	
3751630.0	0.82030 (12110907)	0.70294 (12032907)	0.69180 (12032907)
	0.81194 (12032907)	0.76401 (12032907)	
3751529.0	0.95600 (12032907)	0.87420 (12032907)	0.76830 (12032907)
	0.78839 (12032907)	0.66026 (12032907)	
3751428.0	1.05349 (12032907)	0.85326 (12032907)	0.68221 (12032907)
	0.57253 (15030907)	0.50032 (15030907)	
3751327.0	0.89740 (15030907)	0.78778 (12011107)	0.70030 (12011107)
	0.62501 (12011107)	0.56056 (12011107)	
3751226.0	1.02164 (12011107)	0.85823 (12011107)	0.73282 (12011107)
	0.63444 (12011107)	0.55546 (12011107)	
3751125.0	1.04411 (15012808)	0.88144 (15012808)	0.75828 (15012808)
	0.66216 (15012808)	0.58496 (15012808)	
3751024.0	1.05031 (13103107)	0.88805 (13103107)	0.76335 (13102207)
	0.66349 (13102207)	0.58221 (13102207)	
3750923.0	0.99852 (13020408)	0.82110 (14011007)	0.72450 (14011007)
	0.63876 (14011007)	0.57359 (13103107)	
3750822.0	0.98804 (16012108)	0.86676 (13020408)	0.74397 (13020408)
	0.62874 (13020408)	0.52996 (13020407)	
3750720.9	1.00385 (13032707)	0.80345 (16012108)	0.71260 (16012108)
	0.64013 (13020408)	0.57517 (13020408)	
3750619.9	1.03842 (13032707)	0.88045 (13032707)	0.69098 (13032707)
	0.60135 (16012108)	0.54762 (16012108)	
3750518.9	0.87323 (12020808)	0.84869 (13032707)	0.76179 (13032707)
	0.63966 (13032707)	0.50870 (13032707)	
3750417.9	0.79505 (12020808)	0.73288 (12020808)	0.70087 (13032707)
	0.66085 (13032707)	0.58121 (13032707)	
3750316.9	0.63494 (12020808)	0.66703 (12020808)	0.62486 (12020808)
	0.58891 (13032707)	0.57315 (13032707)	
3750215.9	0.56054 (13110707)	0.54428 (12020808)	0.56930 (12020808)
	0.54349 (12020808)	0.49916 (13032707)	
3750114.9	0.51737 (13110507)	0.48331 (13110707)	0.47198 (12020808)
	0.49583 (12020808)	0.47754 (12020808)	
3750013.9	0.49095 (15032507)	0.44719 (13110507)	0.42051 (13110707)
	0.41662 (12020808)	0.43630 (12020808)	
3749912.9	0.46586 (15032507)	0.41920 (14012808)	0.38903 (13110507)
	0.37157 (13110707)	0.37063 (12020808)	
3749811.9	0.42484 (15032507)	0.40627 (15032507)	0.36738 (13110507)
	0.34484 (13110707)	0.33049 (13110707)	
3749710.8	0.39368 (13021408)	0.38299 (15032507)	0.35310 (14012808)
	0.32904 (13110507)	0.31131 (13110707)	
3749609.8	0.36251 (12020608)	0.35099 (13021408)	0.34202 (15032507)
	0.31184 (14012808)	0.29527 (13110507)	
3749508.8	0.32895 (12020608)	0.32995 (13021408)	0.32133 (15032507)
	0.30490 (15032507)	0.27971 (13110507)	
3749407.8	0.30742 (14011008)	0.30673 (12020608)	0.29840 (13021408)
	0.29343 (15032507)	0.27200 (14012808)	

3749306.8	0.29076 (14011008)	0.28160 (12020608)	0.28169 (13021408)
	0.27519 (15032507)	0.26584 (15032507)	
3749205.8	0.28136 (16121308)	0.26222 (14011008)	0.26385 (12020608)
	0.25864 (13021408)	0.25458 (15032507)	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA , A0000085 , A0000086 , A0000087 , A0000061 ,
A0000062 , A0000063 , A0000064 , A0000065 , A0000047 , A0000048 , A0000049 , A0000050 ,
A0000051 , A0000052 , A0000053 , A0000054 , A0000055 , A0000056 , A0000057 , A0000058 ,
A0000059 , A0000060 , A0000066 , A0000067 , A0000068 , A0000069 , A0000070 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
403008.61	3751235.14	1.81997	(13010908)	403210.21	3751439.36	2.22400	(15012908)
403635.16	3751113.73	14.87411	(13020407)	403415.16	3751147.23	17.95501	(12032107)
403600.54	3751145.56	15.94570	(13020407)	403633.48	3751038.35	12.83756	(12020808)
403008.39	3751234.87	1.81876	(13010908)	403210.21	3751439.62	2.22297	(15012908)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

NETWORK GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	1ST HIGHEST VALUE IS	0.82101 AT (403558.44, 3751124.99, 23.50, 23.50, 0.00)	GC	UCART1
	2ND HIGHEST VALUE IS	0.77607 AT (403456.57, 3751124.99, 23.60, 23.60, 0.00)	GC	UCART1
	3RD HIGHEST VALUE IS	0.64436 AT (403600.54, 3751145.56, 23.24, 23.24, 0.00)	DC	
	4TH HIGHEST VALUE IS	0.64249 AT (403558.44, 3751226.00, 23.40, 23.40, 0.00)	GC	UCART1
	5TH HIGHEST VALUE IS	0.58864 AT (403456.57, 3751226.00, 23.90, 23.90, 0.00)	GC	UCART1
	6TH HIGHEST VALUE IS	0.43054 AT (403635.16, 3751113.73, 23.03, 23.03, 0.00)	DC	
	7TH HIGHEST VALUE IS	0.40615 AT (403415.16, 3751147.23, 24.41, 24.41, 0.00)	DC	
	8TH HIGHEST VALUE IS	0.18966 AT (403660.31, 3751124.99, 23.10, 23.10, 0.00)	GC	UCART1
	9TH HIGHEST VALUE IS	0.13934 AT (403633.48, 3751038.35, 22.83, 22.83, 0.00)	DC	
	10TH HIGHEST VALUE IS	0.13108 AT (403660.31, 3751226.00, 22.70, 22.70, 0.00)	GC	UCART1

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

NETWORK GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	17.95501	ON 12032107:	AT (403415.16, 3751147.23, 24.41, 24.41, 0.00)	DC

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** Message Summary : AERMOD Model Execution ***

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

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 2285 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 1588 Calm Hours Identified

A Total of 697 Missing Hours Identified (1.59 Percent)

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

******** WARNING MESSAGES ********
ME W186 743 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 743 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

APPENDIX B.2 – AERMOD OPERATIONAL MODEL OUTPUT

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 1/2/2025
** File: C:\Lakes\AERMOD View\23_078_Carm_Op\23_078_Carm_Op.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\EPD\EPD Solutions\EPD Project Site -
Projects\TECHNICAL SER
   MODELOPT CONC FASTALL
   AVERTIME 1 PERIOD
   URBANOPT 98537 City_of_Norwalk
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL 23_078_Carm_Op.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 = ARLN9
** DESCRSRC Onsite: Route 1: Site-Carmenita 5%
** PREFIX
** Length of Side = 9.50
** Ratio = 10
** Vertical Dimension = 2.46
** Emission Rate = 1.0773E-10
** Nodes = 2
** 403515.626, 3751132.413, 23.27, 2.64
** 403222.498, 3751132.413, 24.68, 2.64
** ------------------------------------------------------------------------
   LOCATION A0000097     AREA     403515.626 3751137.163 23.32
   LOCATION A0000098     AREA     403442.344 3751137.163 23.63
   LOCATION A0000099     AREA     403369.062 3751137.163 24.22
   LOCATION A0000100     AREA     403295.780 3751137.163 24.38
```

```
** End of LINE AREA Source ID = ARLN9
** ----------------------------------------------------------------------
** Line Source Represented by Area Sources
** LINE AREA Source ID = ARLN8
** DESCRSRC Route 2: Excelsior-Int 95%
** PREFIX
** Length of Side = 18.00
** Ratio = 10
** Vertical Dimension = 2.46
** Emission Rate = 6.9547E-10
** Nodes = 2
** 403625.726, 3751024.914, 22.66, 2.64
** 403215.132, 3751024.914, 27.35, 2.64
** ----------------------------------------------------------------------
   LOCATION A0000117     AREA     403625.726 3751033.914 22.74
   LOCATION A0000118     AREA     403488.861 3751033.914 23.12
   LOCATION A0000119     AREA     403351.997 3751033.914 23.58
** End of LINE AREA Source ID = ARLN8
** ----------------------------------------------------------------------
** Line Source Represented by Area Sources
** LINE AREA Source ID = ARLN11
** DESCRSRC Route 3: Int-I-5 Junction 100%
** PREFIX
** Length of Side = 18.00
** Ratio = 10
** Vertical Dimension = 2.46
** Emission Rate = 7.217E-10
** Nodes = 2
** 403214.188, 3751025.757, 27.43, 2.64
** 403203.683, 3750933.208, 31.95, 2.64
** ----------------------------------------------------------------------
   LOCATION A0000120     AREA     403205.246 3751026.772 28.11
** End of LINE AREA Source ID = ARLN11
** ----------------------------------------------------------------------
** Line Source Represented by Area Sources
** LINE AREA Source ID = ARLN4
** DESCRSRC Route 4: I-5 North 50%
** PREFIX
** Length of Side = 3.50
** Ratio = 10
** Vertical Dimension = 2.46
** Emission Rate = 1.4685E-09
** Nodes = 3
** 403203.173, 3750930.868, 32.00, 2.64
** 402952.821, 3751078.907, 25.50, 2.64
** 402815.309, 3751175.955, 25.21, 2.64
** ----------------------------------------------------------------------
   LOCATION A0000110     AREA     403204.064 3750932.374 32.01
   LOCATION A0000111     AREA     403176.247 3750948.823 31.95
   LOCATION A0000112     AREA     403148.430 3750965.272 24.57
   LOCATION A0000113     AREA     403120.613 3750981.720 24.70
   LOCATION A0000114     AREA     403092.796 3750998.169 25.59
   LOCATION A0000115     AREA     403064.979 3751014.618 26.72
   LOCATION A0000121     AREA     403037.163 3751031.067 26.00
```

```
   LOCATION A0000122     AREA     403009.346 3751047.516 25.41
   LOCATION A0000123     AREA     402981.529 3751063.965 25.23
   LOCATION A0000124     AREA     402953.831 3751080.337 25.23
   LOCATION A0000125     AREA     402926.328 3751099.746 25.25
   LOCATION A0000126     AREA     402898.826 3751119.156 25.31
   LOCATION A0000127     AREA     402871.323 3751138.566 25.25
   LOCATION A0000128     AREA     402843.821 3751157.975 25.16
** End of LINE AREA Source ID = ARLN4
** ------------------------------------------------------------------------
** Line Source Represented by Area Sources
** LINE AREA Source ID = ARLN5
** DESCRSRC Route 5: I-5 South 50%
** PREFIX
** Length of Side = 3.50
** Ratio = 10
** Vertical Dimension = 2.46
** Emission Rate = 1.4652E-09
** Nodes = 5
** 403203.763, 3750931.646, 31.98, 2.64
** 403186.005, 3750799.141, 23.32, 2.64
** 403370.418, 3750692.592, 24.40, 2.64
** 403413.131, 3750666.945, 23.47, 2.64
** 403581.243, 3750577.460, 22.56, 2.64
** ------------------------------------------------------------------------
   LOCATION A0000066     AREA     403202.028 3750931.878 32.07
   LOCATION A0000067     AREA     403197.589 3750898.752 24.73
   LOCATION A0000068     AREA     403193.149 3750865.626 24.85
   LOCATION A0000069     AREA     403188.710 3750832.500 24.68
   LOCATION A0000070     AREA     403185.129 3750797.626 23.37
   LOCATION A0000071     AREA     403211.474 3750782.405 24.76
   LOCATION A0000072     AREA     403237.819 3750767.183 24.66
   LOCATION A0000073     AREA     403264.163 3750751.962 24.67
   LOCATION A0000074     AREA     403290.508 3750736.741 24.65
   LOCATION A0000075     AREA     403316.853 3750721.519 24.26
   LOCATION A0000076     AREA     403343.198 3750706.298 24.15
   LOCATION A0000077     AREA     403369.517 3750691.091 24.36
   LOCATION A0000078     AREA     403390.874 3750678.268 23.73
   LOCATION A0000079     AREA     403412.309 3750665.400 23.57
   LOCATION A0000080     AREA     403440.327 3750650.486 23.38
   LOCATION A0000081     AREA     403468.346 3750635.572 23.54
   LOCATION A0000082     AREA     403496.365 3750620.658 22.94
   LOCATION A0000083     AREA     403524.383 3750605.744 22.79
   LOCATION A0000084     AREA     403552.402 3750590.830 22.80
** End of LINE AREA Source ID = ARLN5
** ------------------------------------------------------------------------
** Line Source Represented by Area Sources
** LINE AREA Source ID = ARLN10
** DESCRSRC Route 6: Carmenita-Int 5%
** PREFIX
** Length of Side = 9.50
** Ratio = 10
** Vertical Dimension = 2.46
** Emission Rate = 7.2952E-11
** Nodes = 2
```

```
** 403223.221, 3751132.774, 24.69, 2.64
** 403215.269, 3751024.703, 27.34, 2.64
** ----------------------------------------------------------------------
   LOCATION A0000101     AREA     403218.483 3751133.123 24.54
   LOCATION A0000102     AREA     403214.507 3751079.087 25.83
** End of LINE AREA Source ID = ARLN10
** ----------------------------------------------------------------------
** Line Source Represented by Area Sources
** LINE AREA Source ID = ARLN7
** DESCRSRC Onsite: Route 7: Site-Excelsior 95%
** PREFIX
** Length of Side = 9.50
** Ratio = 10
** Vertical Dimension = 2.46
** Emission Rate = 4.2692E-09
** Nodes = 4
** 403516.397, 3751131.028, 23.27, 2.64
** 403516.810, 3751092.153, 23.15, 2.64
** 403625.578, 3751091.740, 22.97, 2.64
** 403627.232, 3751022.674, 22.65, 2.64
** ----------------------------------------------------------------------
   LOCATION A0000103     AREA     403511.647 3751130.978 23.33
   LOCATION A0000104     AREA     403516.792 3751087.403 23.19
   LOCATION A0000105     AREA     403571.176 3751087.196 23.09
   LOCATION A0000106     AREA     403620.830 3751091.626 22.97
** End of LINE AREA Source ID = ARLN7
   LOCATION GEN          POINT      403552.475  3751130.636       23.410
** DESCRSRC Emergency Generator
   LOCATION IDLE1        POINT      403472.032  3751137.231       23.600
** DESCRSRC Trucks Idle Source 1
   LOCATION IDLE2        POINT      403479.660  3751137.230       23.570
** DESCRSRC Trucks Idle Source 2
   LOCATION IDLE3        POINT      403489.172  3751137.409       23.530
** DESCRSRC Trucks Idling Source 3
   LOCATION IDLE4        POINT      403498.396  3751137.390       23.520
** DESCRSRC Truck Idling Source 4
   LOCATION IDLE5        POINT      403508.303  3751137.420       23.390
** DESCRSRC Trucks Idling Source 5
   LOCATION IDLE6        POINT      403516.963  3751137.151       23.310
** DESCRSRC Truck Idling Source
   LOCATION IDLE7        POINT      403526.090  3751137.097       23.250
** DESCRSRC Truck Idling Source 7
   LOCATION IDLE8        POINT      403534.408  3751137.257       23.280
** DESCRSRC Trucks Idling Sources 8
   LOCATION IDLE9        POINT      403543.350  3751137.180       23.360
** DESCRSRC Truck Idling Sources 9
   LOCATION IDLE10       POINT      403465.920  3751137.380       23.630
** DESCRSRC Truck Idling Sources 10
   LOCATION FIREP        POINT      403431.060  3751209.010       23.390
** DESCRSRC Fire Pump Diesel
** Source Parameters **
** LINE AREA Source ID = ARLN9
   SRCPARAM A0000097     1.0773E-10     2.644    73.282     9.500
180.000     2.459
```

```
   SRCPARAM A0000098     1.0773E-10     2.644    73.282     9.500
180.000     2.459
   SRCPARAM A0000099     1.0773E-10     2.644    73.282     9.500
180.000     2.459
   SRCPARAM A0000100     1.0773E-10     2.644    73.282     9.500
180.000     2.459
** ------------------------------------------------------------------
** LINE AREA Source ID = ARLN8
   SRCPARAM A0000117     6.9547E-10     2.644   136.865    18.000
180.000     2.459
   SRCPARAM A0000118     6.9547E-10     2.644   136.865    18.000
180.000     2.459
   SRCPARAM A0000119     6.9547E-10     2.644   136.865    18.000
180.000     2.459
** ------------------------------------------------------------------
** LINE AREA Source ID = ARLN11
   SRCPARAM A0000120     7.217E-10     2.644    93.144    18.000
96.476     2.459
** ------------------------------------------------------------------
** LINE AREA Source ID = ARLN4
   SRCPARAM A0000110     1.4685E-09     2.644    32.316     3.500  -
149.403     2.459
   SRCPARAM A0000111     1.4685E-09     2.644    32.316     3.500  -
149.403     2.459
   SRCPARAM A0000112     1.4685E-09     2.644    32.316     3.500  -
149.403     2.459
   SRCPARAM A0000113     1.4685E-09     2.644    32.316     3.500  -
149.403     2.459
   SRCPARAM A0000114     1.4685E-09     2.644    32.316     3.500  -
149.403     2.459
   SRCPARAM A0000115     1.4685E-09     2.644    32.316     3.500  -
149.403     2.459
   SRCPARAM A0000121     1.4685E-09     2.644    32.316     3.500  -
149.403     2.459
   SRCPARAM A0000122     1.4685E-09     2.644    32.316     3.500  -
149.403     2.459
   SRCPARAM A0000123     1.4685E-09     2.644    32.316     3.500  -
149.403     2.459
   SRCPARAM A0000124     1.4685E-09     2.644    33.662     3.500  -
144.788     2.459
   SRCPARAM A0000125     1.4685E-09     2.644    33.662     3.500  -
144.788     2.459
   SRCPARAM A0000126     1.4685E-09     2.644    33.662     3.500  -
144.788     2.459
   SRCPARAM A0000127     1.4685E-09     2.644    33.662     3.500  -
144.788     2.459
   SRCPARAM A0000128     1.4685E-09     2.644    33.662     3.500  -
144.788     2.459
** ------------------------------------------------------------------
** LINE AREA Source ID = ARLN5
   SRCPARAM A0000066     1.4652E-09     2.644    33.422     3.500
97.633     2.459
   SRCPARAM A0000067     1.4652E-09     2.644    33.422     3.500
97.633     2.459
```

```
   SRCPARAM A0000068     1.4652E-09     2.644    33.422     3.500
97.633     2.459
   SRCPARAM A0000069     1.4652E-09     2.644    33.422     3.500
97.633     2.459
   SRCPARAM A0000070     1.4652E-09     2.644    30.426     3.500
30.018     2.459
   SRCPARAM A0000071     1.4652E-09     2.644    30.426     3.500
30.018     2.459
   SRCPARAM A0000072     1.4652E-09     2.644    30.426     3.500
30.018     2.459
   SRCPARAM A0000073     1.4652E-09     2.644    30.426     3.500
30.018     2.459
   SRCPARAM A0000074     1.4652E-09     2.644    30.426     3.500
30.018     2.459
   SRCPARAM A0000075     1.4652E-09     2.644    30.426     3.500
30.018     2.459
   SRCPARAM A0000076     1.4652E-09     2.644    30.426     3.500
30.018     2.459
   SRCPARAM A0000077     1.4652E-09     2.644    24.911     3.500
30.983     2.459
   SRCPARAM A0000078     1.4652E-09     2.644    24.911     3.500
30.983     2.459
   SRCPARAM A0000079     1.4652E-09     2.644    31.741     3.500
28.026     2.459
   SRCPARAM A0000080     1.4652E-09     2.644    31.741     3.500
28.026     2.459
   SRCPARAM A0000081     1.4652E-09     2.644    31.741     3.500
28.026     2.459
   SRCPARAM A0000082     1.4652E-09     2.644    31.741     3.500
28.026     2.459
   SRCPARAM A0000083     1.4652E-09     2.644    31.741     3.500
28.026     2.459
   SRCPARAM A0000084     1.4652E-09     2.644    31.741     3.500
28.026     2.459
** ------------------------------------------------------------------
** LINE AREA Source ID = ARLN10
   SRCPARAM A0000101     7.2952E-11     2.644    54.181     9.500
94.208     2.459
   SRCPARAM A0000102     7.2952E-11     2.644    54.181     9.500
94.208     2.459
** ------------------------------------------------------------------
** LINE AREA Source ID = ARLN7
   SRCPARAM A0000103     4.2692E-09     2.644    38.877     9.500
89.390     2.459
   SRCPARAM A0000104     4.2692E-09     2.644    54.384     9.500
0.218     2.459
   SRCPARAM A0000105     4.2692E-09     2.644    54.384     9.500
0.218     2.459
   SRCPARAM A0000106     4.2692E-09     2.644    69.085     9.500
88.628     2.459
** ------------------------------------------------------------------
   SRCPARAM GEN           1.15E-08     2.260   749.261 43.2731931069384
0.104
```

```
   SRCPARAM IDLE1         0.000094     3.658   366.483 51.706257911695
0.1
   SRCPARAM IDLE2         0.000094     3.658   366.483      51.7
0.1
   SRCPARAM IDLE3         0.000094     3.660   366.483 51.706257911695
0.1
   SRCPARAM IDLE4         0.000094     3.660   366.483      51.7
0.1
   SRCPARAM IDLE5         0.000094     3.660   366.483      51.7
0.1
   SRCPARAM IDLE6         0.000094     3.660   366.483 51.706257911695
0.1
   SRCPARAM IDLE7         0.000094     3.660   366.483      51.7
0.1
   SRCPARAM IDLE8         0.000094     3.660   366.483      51.7
0.1
   SRCPARAM IDLE9         0.000094     3.660   366.483      51.7
0.1
   SRCPARAM IDLE10        0.000094     3.660   366.483      51.7
0.1
   SRCPARAM FIREP         1.15E-08     2.256   749.261    43.587
0.104

** Building Downwash **
   BUILDHGT GEN             13.72    13.72    13.72    13.72    13.72
13.72
   BUILDHGT GEN             13.72    13.72    13.72    13.72    13.72
13.72
   BUILDHGT GEN             13.72    13.72    13.72    13.72    13.72
13.72
   BUILDHGT GEN             13.72    13.72    13.72    13.72    13.72
13.72
   BUILDHGT GEN             13.72    13.72    13.72    13.72    13.72
13.72
   BUILDHGT GEN             13.72    13.72    13.72    13.72    13.72
13.72

   BUILDHGT IDLE1           13.72    13.72    13.72    13.72    13.72
13.72
   BUILDHGT IDLE1           13.72    13.72    13.72    13.72    13.72
13.72
   BUILDHGT IDLE1           13.72    13.72    13.72    13.72    13.72
13.72
   BUILDHGT IDLE1           13.72    13.72    13.72    13.72    13.72
13.72
   BUILDHGT IDLE1           13.72    13.72    13.72    13.72    13.72
13.72
   BUILDHGT IDLE1           13.72    13.72    13.72    13.72    13.72
13.72

   BUILDHGT IDLE2           13.72    13.72    13.72    13.72    13.72
13.72
   BUILDHGT IDLE2           13.72    13.72    13.72    13.72    13.72
13.72
```

```
   BUILDHGT IDLE2          13.72    13.72    13.72    13.72    13.72
13.72
   BUILDHGT IDLE2          13.72    13.72    13.72    13.72    13.72
13.72
   BUILDHGT IDLE2          13.72    13.72    13.72    13.72    13.72
13.72
   BUILDHGT IDLE2          13.72    13.72    13.72    13.72    13.72
13.72

   BUILDHGT IDLE3          13.72    13.72    13.72    13.72    13.72
13.72
   BUILDHGT IDLE3          13.72    13.72    13.72    13.72    13.72
13.72
   BUILDHGT IDLE3          13.72    13.72    13.72    13.72    13.72
13.72
   BUILDHGT IDLE3          13.72    13.72    13.72    13.72    13.72
13.72
   BUILDHGT IDLE3          13.72    13.72    13.72    13.72    13.72
13.72
   BUILDHGT IDLE3          13.72    13.72    13.72    13.72    13.72
13.72

   BUILDHGT IDLE4          13.72    13.72    13.72    13.72    13.72
13.72
   BUILDHGT IDLE4          13.72    13.72    13.72    13.72    13.72
13.72
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   BUILDHGT IDLE10         13.72    13.72    13.72    13.72    13.72
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BUILDHGT IDLE10	13.72	13.72	13.72	13.72	13.72	13.72
BUILDWID GEN	173.54	179.54	180.09	175.17	164.92	150.03
BUILDWID GEN	132.70	111.34	86.60	99.13	123.34	143.79
BUILDWID GEN	159.87	171.10	177.13	177.78	173.02	163.26
BUILDWID GEN	173.54	179.54	180.09	175.17	164.92	150.03
BUILDWID GEN	132.70	111.34	86.60	99.13	123.34	143.79
BUILDWID GEN	159.87	171.10	177.13	177.78	173.02	163.26
BUILDWID IDLE1	173.54	179.54	180.09	175.17	164.92	150.03
BUILDWID IDLE1	132.70	111.34	86.60	99.13	123.34	143.79
BUILDWID IDLE1	159.87	171.10	177.13	177.78	173.02	163.26
BUILDWID IDLE1	173.54	179.54	180.09	175.17	164.92	150.03
BUILDWID IDLE1	132.70	111.34	86.60	99.13	123.34	143.79
BUILDWID IDLE1	159.87	171.10	177.13	177.78	173.02	163.26
BUILDWID IDLE2	173.54	179.54	180.09	175.17	164.92	150.03
BUILDWID IDLE2	132.70	111.34	86.60	99.13	123.34	143.79
BUILDWID IDLE2	159.87	171.10	177.13	177.78	173.02	163.26
BUILDWID IDLE2	173.54	179.54	180.09	175.17	164.92	150.03
BUILDWID IDLE2	132.70	111.34	86.60	99.13	123.34	143.79
BUILDWID IDLE2	159.87	171.10	177.13	177.78	173.02	163.26
BUILDWID IDLE3	173.54	179.54	180.09	175.17	164.92	150.03
BUILDWID IDLE3	132.70	111.34	86.60	99.13	123.34	143.79
BUILDWID IDLE3	159.87	171.10	177.13	177.78	173.02	163.26
BUILDWID IDLE3	173.54	179.54	180.09	175.17	164.92	150.03
BUILDWID IDLE3	132.70	111.34	86.60	99.13	123.34	143.79

BUILDWID IDLE3 159.87 171.10 177.13 177.78 173.02
163.26

BUILDWID IDLE4 173.54 179.54 180.09 175.17 164.92
150.03
BUILDWID IDLE4 132.70 111.34 86.60 99.13 123.34
143.79
BUILDWID IDLE4 159.87 171.10 177.13 177.78 173.02
163.26
BUILDWID IDLE4 173.54 179.54 180.09 175.17 164.92
150.03
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143.79
BUILDWID IDLE4 159.87 171.10 177.13 177.78 173.02
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BUILDWID IDLE5 173.54 179.54 180.09 175.17 164.92
150.03
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BUILDWID IDLE5 173.54 179.54 180.09 175.17 164.92
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BUILDWID IDLE6 173.54 179.54 180.09 175.17 164.92
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BUILDWID IDLE6 173.54 179.54 180.09 175.17 164.92
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BUILDWID IDLE6 159.87 171.10 177.13 177.78 173.02
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BUILDWID IDLE7 173.54 179.54 180.09 175.17 164.92
150.03
BUILDWID IDLE7 132.70 111.34 86.60 99.13 123.34
143.79
BUILDWID IDLE7 159.87 171.10 177.13 177.78 173.02
163.26
BUILDWID IDLE7 173.54 179.54 180.09 175.17 164.92
150.03
BUILDWID IDLE7 132.70 111.34 86.60 99.13 123.34
143.79
BUILDWID IDLE7 159.87 171.10 177.13 177.78 173.02
163.26

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   BUILDWID IDLE8          173.54   179.54   180.09   175.17   164.92
150.03
   BUILDWID IDLE8          132.70   111.34    86.60    99.13   123.34
143.79
   BUILDWID IDLE8          159.87   171.10   177.13   177.78   173.02
163.26
   BUILDWID IDLE8          173.54   179.54   180.09   175.17   164.92
150.03
   BUILDWID IDLE8          132.70   111.34    86.60    99.13   123.34
143.79
   BUILDWID IDLE8          159.87   171.10   177.13   177.78   173.02
163.26

   BUILDWID IDLE9          173.54   179.54   180.09   175.17   164.92
150.03
   BUILDWID IDLE9          132.70   111.34    86.60    99.13   123.34
143.79
   BUILDWID IDLE9          159.87   171.10   177.13   177.78   173.02
163.26
   BUILDWID IDLE9          173.54   179.54   180.09   175.17   164.92
150.03
   BUILDWID IDLE9          132.70   111.34    86.60    99.13   123.34
143.79
   BUILDWID IDLE9          159.87   171.10   177.13   177.78   173.02
163.26

   BUILDWID IDLE10         173.54   179.54   180.09   175.17   164.92
150.03
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143.79
   BUILDWID IDLE10         159.87   171.10   177.13   177.78   173.02
163.26
   BUILDWID IDLE10         173.54   179.54   180.09   175.17   164.92
150.03
   BUILDWID IDLE10         132.70   111.34    86.60    99.13   123.34
143.79
   BUILDWID IDLE10         159.87   171.10   177.13   177.78   173.02
163.26

   BUILDLEN GEN             99.13   123.34   143.79   159.87   171.10
177.13
   BUILDLEN GEN            177.78   173.02   163.26   173.54   179.54
180.09
   BUILDLEN GEN            175.17   164.92   150.03   132.70   111.34
86.60
   BUILDLEN GEN             99.13   123.34   143.79   159.87   171.10
177.13
   BUILDLEN GEN            177.78   173.02   163.26   173.54   179.54
180.09
   BUILDLEN GEN            175.17   164.92   150.03   132.70   111.34
86.60
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BUILDLEN IDLE1 99.13 123.34 143.79 159.87 171.10
177.13
BUILDLEN IDLE1 177.78 173.02 163.26 173.54 179.54
180.09
BUILDLEN IDLE1 175.17 164.92 150.03 132.70 111.34
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BUILDLEN IDLE1 99.13 123.34 143.79 159.87 171.10
177.13
BUILDLEN IDLE1 177.78 173.02 163.26 173.54 179.54
180.09
BUILDLEN IDLE1 175.17 164.92 150.03 132.70 111.34
86.60

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177.13
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180.09
BUILDLEN IDLE2 175.17 164.92 150.03 132.70 111.34
86.60
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177.13
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180.09
BUILDLEN IDLE3 175.17 164.92 150.03 132.70 111.34
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180.09
BUILDLEN IDLE3 175.17 164.92 150.03 132.70 111.34
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177.13

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180.09
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BUILDLEN IDLE6 177.78 173.02 163.26 173.54 179.54
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BUILDLEN IDLE6 175.17 164.92 150.03 132.70 111.34
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BUILDLEN IDLE6 175.17 164.92 150.03 132.70 111.34
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BUILDLEN IDLE7 175.17 164.92 150.03 132.70 111.34
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BUILDLEN IDLE7 175.17 164.92 150.03 132.70 111.34
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177.13
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180.09
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BUILDLEN IDLE8 99.13 123.34 143.79 159.87 171.10
177.13
BUILDLEN IDLE8 177.78 173.02 163.26 173.54 179.54
180.09
BUILDLEN IDLE8 175.17 164.92 150.03 132.70 111.34
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177.13
BUILDLEN IDLE9 177.78 173.02 163.26 173.54 179.54
180.09

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   BUILDLEN IDLE9          175.17   164.92   150.03   132.70   111.34
86.60
   BUILDLEN IDLE9           99.13   123.34   143.79   159.87   171.10
177.13
   BUILDLEN IDLE9          177.78   173.02   163.26   173.54   179.54
180.09
   BUILDLEN IDLE9          175.17   164.92   150.03   132.70   111.34
86.60

   BUILDLEN IDLE10          99.13   123.34   143.79   159.87   171.10
177.13
   BUILDLEN IDLE10         177.78   173.02   163.26   173.54   179.54
180.09
   BUILDLEN IDLE10         175.17   164.92   150.03   132.70   111.34
86.60
   BUILDLEN IDLE10          99.13   123.34   143.79   159.87   171.10
177.13
   BUILDLEN IDLE10         177.78   173.02   163.26   173.54   179.54
180.09
   BUILDLEN IDLE10         175.17   164.92   150.03   132.70   111.34
86.60

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112.89
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152.09
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79.75
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64.24
   XBADJ    GEN            -53.71   -41.55   -28.38   -29.14   -29.01   -
28.00
   XBADJ    GEN            -26.14   -23.49   -20.12   -16.14   -11.67
-6.85

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79.13
   XBADJ    IDLE1          -83.17   -84.68   -83.98   -82.86   -79.21   -
73.16
   XBADJ    IDLE1          -90.90  -105.88  -117.64  -125.83  -130.20  -
130.60
   XBADJ    IDLE1         -127.04  -119.62  -108.82  -109.50  -106.85  -
100.96
   XBADJ    IDLE1          -92.00   -80.24   -66.05   -49.85   -32.13   -
13.44

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   XBADJ    IDLE2          -89.01   -89.58   -87.80   -85.47   -80.54   -
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XBADJ	IDLE2	-86.16	-75.34	-62.23	-47.24	-30.81	-13.44
XBADJ	IDLE3	-11.39	-23.49	-34.87	-45.20	-54.15	-61.46
XBADJ	IDLE3	-66.90	-70.31	-71.58	-80.89	-88.73	-93.88
XBADJ	IDLE3	-96.18	-95.56	-92.40	-88.55	-82.01	-72.98
XBADJ	IDLE3	-87.75	-99.85	-108.92	-114.68	-116.95	-115.67
XBADJ	IDLE3	-110.88	-102.71	-91.68	-92.65	-90.81	-86.21
XBADJ	IDLE3	-78.99	-69.36	-57.64	-44.15	-29.33	-13.62
XBADJ	IDLE4	-12.97	-26.62	-39.47	-51.12	-61.21	-69.44
XBADJ	IDLE4	-75.57	-79.39	-80.81	-89.98	-97.41	-101.89
XBADJ	IDLE4	-103.27	-101.51	-97.03	-91.72	-83.63	-73.00
XBADJ	IDLE4	-86.16	-96.71	-104.32	-108.76	-109.89	-107.69
XBADJ	IDLE4	-102.21	-93.63	-82.45	-83.56	-82.13	-78.20
XBADJ	IDLE4	-71.90	-63.42	-53.00	-40.98	-27.71	-13.60
XBADJ	IDLE5	-14.72	-30.04	-44.45	-57.50	-68.81	-78.03
XBADJ	IDLE5	-84.88	-89.15	-90.71	-99.72	-106.71	-110.45
XBADJ	IDLE5	-110.83	-107.85	-101.95	-95.08	-85.32	-72.97
XBADJ	IDLE5	-84.42	-93.30	-99.34	-102.37	-102.29	-99.10
XBADJ	IDLE5	-92.90	-83.87	-72.55	-73.81	-72.84	-69.65
XBADJ	IDLE5	-64.34	-57.08	-48.08	-37.62	-26.02	-13.63
XBADJ	IDLE6	-15.96	-32.75	-48.54	-62.86	-75.27	-85.40
XBADJ	IDLE6	-92.93	-97.63	-99.37	-108.30	-114.94	-118.08
XBADJ	IDLE6	-117.64	-113.62	-106.52	-98.30	-87.09	-73.24
XBADJ	IDLE6	-83.18	-90.59	-95.25	-97.01	-95.83	-91.73

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   XBADJ    IDLE6          -57.53   -51.30   -43.52   -34.41   -24.25   -
13.36

   XBADJ    IDLE7          -17.49   -35.82   -53.06   -68.69   -82.24   -
93.28
   XBADJ    IDLE7         -101.49  -106.61  -108.50  -117.30  -123.53  -
126.01
   XBADJ    IDLE7         -124.66  -119.53  -111.13  -101.47   -88.73   -
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   XBADJ    IDLE7          -81.64   -87.51   -90.73   -91.18   -88.87   -
83.85
   XBADJ    IDLE7          -76.29   -66.41   -54.76   -56.24   -56.01   -
54.08
   XBADJ    IDLE7          -50.50   -45.40   -38.91   -31.24   -22.62   -
13.31

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133.14
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76.57
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46.95
   XBADJ    IDLE8          -44.23   -40.17   -34.89   -28.54   -21.33   -
13.47

   XBADJ    IDLE9          -20.57   -41.80   -61.76   -79.85   -95.51  -
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   XBADJ    IDLE9         -117.73  -123.63  -125.76  -134.28  -139.72  -
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   XBADJ    IDLE9         -137.83  -130.56  -119.69  -107.30   -91.65   -
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39.17
   XBADJ    IDLE9          -37.33   -34.36   -30.35   -25.41   -19.70   -
13.39

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41.31
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73.01
   XBADJ    IDLE10         -91.81  -107.83  -120.57  -129.64  -134.78  -
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106.33
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XBADJ	IDLE10	-96.78	-84.29	-69.23	-52.08	-33.34	-13.59
YBADJ	GEN	57.63	60.76	62.04	61.44	58.97	54.89
YBADJ	GEN	50.21	44.00	36.45	33.86	22.89	11.24
YBADJ	GEN	-0.76	-12.74	-24.33	-35.18	-44.96	-53.25
YBADJ	GEN	-57.63	-60.76	-62.04	-61.44	-58.97	-54.89
YBADJ	GEN	-50.21	-44.00	-36.45	-33.86	-22.89	-11.24
YBADJ	GEN	0.76	12.74	24.33	35.18	44.96	53.25
YBADJ	IDLE1	-22.73	-17.08	-10.92	-4.42	2.22	8.97
YBADJ	IDLE1	16.50	23.54	29.86	41.33	44.21	45.75
YBADJ	IDLE1	45.89	44.64	42.04	38.16	33.11	27.19
YBADJ	IDLE1	22.73	17.08	10.92	4.42	-2.22	-8.97
YBADJ	IDLE1	-16.50	-23.54	-29.86	-41.33	-44.21	-45.75
YBADJ	IDLE1	-45.89	-44.64	-42.04	-38.16	-33.11	-27.19
YBADJ	IDLE2	-15.22	-9.91	-4.31	1.43	7.12	12.78
YBADJ	IDLE2	19.11	24.86	29.86	40.01	41.60	41.93
YBADJ	IDLE2	40.99	38.80	35.43	30.99	25.60	19.56
YBADJ	IDLE2	15.22	9.91	4.31	-1.43	-7.12	-12.78
YBADJ	IDLE2	-19.11	-24.86	-29.86	-40.01	-41.60	-41.93
YBADJ	IDLE2	-40.99	-38.80	-35.43	-30.99	-25.60	-19.56
YBADJ	IDLE3	-5.88	-1.04	3.84	8.60	13.10	17.38
YBADJ	IDLE3	22.20	26.34	29.68	38.18	38.18	37.02
YBADJ	IDLE3	34.74	31.40	27.11	21.99	16.20	10.05
YBADJ	IDLE3	5.88	1.04	-3.84	-8.60	-13.10	-17.38
YBADJ	IDLE3	-22.20	-26.34	-29.68	-38.18	-38.18	-37.02
YBADJ	IDLE3	-34.74	-31.40	-27.11	-21.99	-16.20	-10.05

YBADJ	IDLE4	3.21	7.64	11.84	15.68	19.05	22.01
YBADJ	IDLE4	25.37	27.96	29.70	36.60	35.04	32.43
YBADJ	IDLE4	28.82	24.34	19.12	13.32	7.12	0.82
YBADJ	IDLE4	-3.21	-7.64	-11.84	-15.68	-19.05	-22.01
YBADJ	IDLE4	-25.37	-27.96	-29.70	-36.60	-35.04	-32.43
YBADJ	IDLE4	-28.82	-24.34	-19.12	-13.32	-7.12	-0.82
YBADJ	IDLE5	12.95	16.93	20.40	23.25	25.39	26.94
YBADJ	IDLE5	28.73	29.65	29.67	34.85	31.63	27.45
YBADJ	IDLE5	22.43	16.74	10.53	4.01	-2.64	-9.08
YBADJ	IDLE5	-12.95	-16.93	-20.40	-23.25	-25.39	-26.94
YBADJ	IDLE5	-28.73	-29.65	-29.67	-34.85	-31.63	-27.45
YBADJ	IDLE5	-22.43	-16.74	-10.53	-4.01	2.64	9.08
YBADJ	IDLE6	21.53	25.16	28.04	30.05	31.16	31.50
YBADJ	IDLE6	31.95	31.42	29.94	33.61	28.92	23.35
YBADJ	IDLE6	17.07	10.28	3.17	-4.04	-11.12	-17.74
YBADJ	IDLE6	-21.53	-25.16	-28.04	-30.05	-31.16	-31.50
YBADJ	IDLE6	-31.95	-31.42	-29.94	-33.61	-28.92	-23.35
YBADJ	IDLE6	-17.07	-10.28	-3.17	4.04	11.12	17.74
YBADJ	IDLE7	30.53	33.76	35.97	37.08	37.07	36.11
YBADJ	IDLE7	35.12	33.06	29.99	32.08	25.85	18.83
YBADJ	IDLE7	11.24	3.32	-4.71	-12.60	-20.10	-26.87
YBADJ	IDLE7	-30.53	-33.76	-35.97	-37.08	-37.07	-36.11
YBADJ	IDLE7	-35.12	-33.06	-29.99	-32.08	-25.85	-18.83
YBADJ	IDLE7	-11.24	-3.32	4.71	12.60	20.10	26.87

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   YBADJ    IDLE8           38.70    41.52    43.09    43.35    42.29
40.13
   YBADJ    IDLE8           37.81    34.34    29.83    30.47    22.85
14.53
   YBADJ    IDLE8            5.77    -3.16   -12.00   -20.47   -28.32   -
35.19
   YBADJ    IDLE8          -38.70   -41.52   -43.09   -43.35   -42.29   -
40.13
   YBADJ    IDLE8          -37.81   -34.34   -29.83   -30.47   -22.85   -
14.53
   YBADJ    IDLE8           -5.77     3.16    12.00    20.47    28.32
35.19

   YBADJ    IDLE9           47.51    49.95    50.87    50.25    48.10
44.67
   YBADJ    IDLE9           40.94    35.97    29.91    29.00    19.87
10.13
   YBADJ    IDLE9            0.09    -9.96   -19.70   -28.85   -37.11   -
44.13
   YBADJ    IDLE9          -47.51   -49.95   -50.87   -50.25   -48.10   -
44.67
   YBADJ    IDLE9          -40.94   -35.97   -29.91   -29.00   -19.87   -
10.13
   YBADJ    IDLE9           -0.09     9.96    19.70    28.85    37.11
44.13

   YBADJ    IDLE10         -28.78   -22.88   -16.28    -9.19    -1.82
5.78
   YBADJ    IDLE10          14.27    22.33    29.71    42.25    46.16
48.67
   YBADJ    IDLE10          49.71    49.23    47.26    43.85    39.10
33.30
   YBADJ    IDLE10          28.78    22.88    16.28     9.19     1.82
-5.78
   YBADJ    IDLE10         -14.27   -22.33   -29.71   -42.25   -46.16   -
48.67
   YBADJ    IDLE10         -49.71   -49.23   -47.26   -43.85   -39.10   -
33.30

   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
**********************************
** AERMOD Receptor Pathway
**********************************
**
**
RE STARTING
   INCLUDED 23_078_Carm_Op.rou
RE FINISHED
**
**********************************
** AERMOD Meteorology Pathway
```

```
****************************************
**
**
ME STARTING
   SURFFILE KFUL_V9_ADJU\KFUL_v9.SFC
   PROFFILE KFUL_V9_ADJU\KFUL_v9.PFL
   SURFDATA 3166 2012 Fullerton_Municipal_Airport
   UAIRDATA 3190 2012
   PROFBASE 30.0 METERS
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** 1-Hour Binary POSTFILE(s) for the Plume Animation
   POSTFILE 1 ALL UNFORM 23_078_CARM_OP.AD\1HGALLUN_PA.POS 31
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST 23_078_CARM_OP.AD\01H1GALL.PLT 32
   PLOTFILE PERIOD ALL 23_078_CARM_OP.AD\PE00GALL.PLT 33
   SUMMFILE 23_078_Carm_Op.sum
OU FINISHED


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

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

 A Total of            0 Fatal Error Message(s)
 A Total of           12 Warning Message(s)
 A Total of            0 Informational Message(s)


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


    ********   WARNING MESSAGES   ********
 SO W320     274        PPARM: Input Parameter May Be Out-of-Range for
Parameter            VS
 SO W320     275        PPARM: Input Parameter May Be Out-of-Range for
Parameter            VS
 SO W320     276        PPARM: Input Parameter May Be Out-of-Range for
Parameter            VS
 SO W320     277        PPARM: Input Parameter May Be Out-of-Range for
Parameter            VS
 SO W320     278        PPARM: Input Parameter May Be Out-of-Range for
Parameter            VS
 SO W320     279        PPARM: Input Parameter May Be Out-of-Range for
Parameter            VS
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 SO W320     280        PPARM: Input Parameter May Be Out-of-Range for
Parameter            VS
 SO W320     281        PPARM: Input Parameter May Be Out-of-Range for
Parameter            VS
 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
 ME W186     696       MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used           0.50
 ME W187     696       MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET

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

```
 *** MODELOPTs:    NonDFAULT  CONC  ELEV  FASTALL  URBAN  ADJ_U*

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

 ** Model Options Selected:
      * Model Allows User-Specified 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    59 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =     98537.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * FASTALL  - Use effective sigma-y to optimize meander for
  POINT and VOLUME sources, and hybrid approach
 to optimize AREA sources (formerly TOXICS option)
      * 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: PM_10

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

 **This Run Includes:     59 Source(s);       1 Source Group(s); and   1008 Receptor(s)

                with:     12 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:      0 VOLUME source(s)
                 and:     47 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
```

```
                and:      0 SWPOINT source(s)


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

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
          Model Outputs Tables of PERIOD Averages by Receptor
          Model Outputs Tables of Highest Short Term Values by Receptor
(RECTABLE Keyword)
          Model Outputs External File(s) of Concurrent Values for
Postprocessing (POSTFILE 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) =    30.00 ;
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:   23_078_Carm_Op.err
 **File for Summary of Results:   23_078_Carm_Op.sum
```

*** MODELOPTs: NonDFAULT CONC ELEV FASTALL URBAN ADJ_U*

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BLDG EXISTS VARY BY	URBAN SOURCE	CAP/ HOR SCALAR
GEN	0	0.11500E-07	403552.5	3751130.6	23.4	2.26	749.26	43.27	0.10	YES	YES	NO
IDLE1	0	0.94000E-04	403472.0	3751137.2	23.6	3.66	366.48	51.71	0.10	YES	YES	NO
IDLE2	0	0.94000E-04	403479.7	3751137.2	23.6	3.66	366.48	51.70	0.10	YES	YES	NO
IDLE3	0	0.94000E-04	403489.2	3751137.4	23.5	3.66	366.48	51.71	0.10	YES	YES	NO
IDLE4	0	0.94000E-04	403498.4	3751137.4	23.5	3.66	366.48	51.70	0.10	YES	YES	NO
IDLE5	0	0.94000E-04	403508.3	3751137.4	23.4	3.66	366.48	51.70	0.10	YES	YES	NO
IDLE6	0	0.94000E-04	403517.0	3751137.2	23.3	3.66	366.48	51.71	0.10	YES	YES	NO
IDLE7	0	0.94000E-04	403526.1	3751137.1	23.2	3.66	366.48	51.70	0.10	YES	YES	NO
IDLE8	0	0.94000E-04	403534.4	3751137.3	23.3	3.66	366.48	51.70	0.10	YES	YES	NO
IDLE9	0	0.94000E-04	403543.3	3751137.2	23.4	3.66	366.48	51.70	0.10	YES	YES	NO
IDLE10	0	0.94000E-04	403465.9	3751137.4	23.6	3.66	366.48	51.70	0.10	YES	YES	NO
FIREP	0	0.11500E-07	403431.1	3751209.0	23.4	2.26	749.26	43.59	0.10	NO	YES	NO

*** MODELOPTs: NonDFAULT CONC ELEV FASTALL URBAN ADJ_U*

*** AREA SOURCE DATA ***

SOURCE ID	NUMBER OF AREA CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X SOURCE (METERS)	Y SOURCE (METERS)	BASE ELEV. SCALAR VARY BY	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE AIRCRAFT
A0000097	0	0.10773E-09	403515.6	3751137.2	23.3	2.64	73.28	9.50	180.00	2.46	YES	NO
A0000098	0	0.10773E-09	403442.3	3751137.2	23.6	2.64	73.28	9.50	180.00	2.46	YES	NO
A0000099	0	0.10773E-09	403369.1	3751137.2	24.2	2.64	73.28	9.50	180.00	2.46	YES	NO
A0000100	0	0.10773E-09	403295.8	3751137.2	24.4	2.64	73.28	9.50	180.00	2.46	YES	NO
A0000117	0	0.69547E-09	403625.7	3751033.9	22.7	2.64	136.87	18.00	180.00	2.46	YES	NO
A0000118	0	0.69547E-09	403488.9	3751033.9	23.1	2.64	136.87	18.00	180.00	2.46	YES	NO
A0000119	0	0.69547E-09	403352.0	3751033.9	23.6	2.64	136.87	18.00	180.00	2.46	YES	NO
A0000120	0	0.72170E-09	403205.2	3751026.8	28.1	2.64	93.14	18.00	96.48	2.46	YES	NO
A0000110	0	0.14685E-08	403204.1	3750932.4	32.0	2.64	32.32	3.50	-149.40	2.46	YES	NO
A0000111	0	0.14685E-08	403176.2	3750948.8	31.9	2.64	32.32	3.50	-149.40	2.46	YES	NO
A0000112	0	0.14685E-08	403148.4	3750965.3	24.6	2.64	32.32	3.50	-149.40	2.46	YES	NO
A0000113	0	0.14685E-08	403120.6	3750981.7	24.7	2.64	32.32	3.50	-149.40	2.46	YES	NO
A0000114	0	0.14685E-08	403092.8	3750998.2	25.6	2.64	32.32	3.50	-149.40	2.46	YES	NO
A0000115	0	0.14685E-08	403065.0	3751014.6	26.7	2.64	32.32	3.50	-149.40	2.46	YES	NO
A0000121	0	0.14685E-08	403037.2	3751031.1	26.0	2.64	32.32	3.50	-149.40	2.46	YES	NO
A0000122	0	0.14685E-08	403009.3	3751047.5	25.4	2.64	32.32	3.50	-149.40	2.46	YES	NO

A0000123		0	0.14685E-08	402981.5	3751064.0	25.2		2.64
32.32	3.50	-149.40	2.46	YES			NO	
A0000124		0	0.14685E-08	402953.8	3751080.3	25.2		2.64
33.66	3.50	-144.79	2.46	YES			NO	
A0000125		0	0.14685E-08	402926.3	3751099.7	25.2		2.64
33.66	3.50	-144.79	2.46	YES			NO	
A0000126		0	0.14685E-08	402898.8	3751119.2	25.3		2.64
33.66	3.50	-144.79	2.46	YES			NO	
A0000127		0	0.14685E-08	402871.3	3751138.6	25.2		2.64
33.66	3.50	-144.79	2.46	YES			NO	
A0000128		0	0.14685E-08	402843.8	3751158.0	25.2		2.64
33.66	3.50	-144.79	2.46	YES			NO	
A0000066		0	0.14652E-08	403202.0	3750931.9	32.1		2.64
33.42	3.50	97.63	2.46	YES			NO	
A0000067		0	0.14652E-08	403197.6	3750898.8	24.7		2.64
33.42	3.50	97.63	2.46	YES			NO	
A0000068		0	0.14652E-08	403193.1	3750865.6	24.9		2.64
33.42	3.50	97.63	2.46	YES			NO	
A0000069		0	0.14652E-08	403188.7	3750832.5	24.7		2.64
33.42	3.50	97.63	2.46	YES			NO	
A0000070		0	0.14652E-08	403185.1	3750797.6	23.4		2.64
30.43	3.50	30.02	2.46	YES			NO	
A0000071		0	0.14652E-08	403211.5	3750782.4	24.8		2.64
30.43	3.50	30.02	2.46	YES			NO	
A0000072		0	0.14652E-08	403237.8	3750767.2	24.7		2.64
30.43	3.50	30.02	2.46	YES			NO	
A0000073		0	0.14652E-08	403264.2	3750752.0	24.7		2.64
30.43	3.50	30.02	2.46	YES			NO	
A0000074		0	0.14652E-08	403290.5	3750736.7	24.7		2.64
30.43	3.50	30.02	2.46	YES			NO	
A0000075		0	0.14652E-08	403316.9	3750721.5	24.3		2.64
30.43	3.50	30.02	2.46	YES			NO	
A0000076		0	0.14652E-08	403343.2	3750706.3	24.2		2.64
30.43	3.50	30.02	2.46	YES			NO	
A0000077		0	0.14652E-08	403369.5	3750691.1	24.4		2.64
24.91	3.50	30.98	2.46	YES			NO	
A0000078		0	0.14652E-08	403390.9	3750678.3	23.7		2.64
24.91	3.50	30.98	2.46	YES			NO	
A0000079		0	0.14652E-08	403412.3	3750665.4	23.6		2.64
31.74	3.50	28.03	2.46	YES			NO	
A0000080		0	0.14652E-08	403440.3	3750650.5	23.4		2.64
31.74	3.50	28.03	2.46	YES			NO	
A0000081		0	0.14652E-08	403468.3	3750635.6	23.5		2.64
31.74	3.50	28.03	2.46	YES			NO	
A0000082		0	0.14652E-08	403496.4	3750620.7	22.9		2.64
31.74	3.50	28.03	2.46	YES			NO	
A0000083		0	0.14652E-08	403524.4	3750605.7	22.8		2.64
31.74	3.50	28.03	2.46	YES			NO	

*** MODELOPTs: NonDFAULT CONC ELEV FASTALL URBAN ADJ_U*

*** AREA SOURCE DATA ***

SOURCE ID	NUMBER OF AREA CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
A0000084	0	0.14652E-08	403552.4	3750590.8	22.8	2.64	31.74	3.50	28.03	2.46	YES		NO
A0000101	0	0.72952E-10	403218.5	3751133.1	24.5	2.64	54.18	9.50	94.21	2.46	YES		NO
A0000102	0	0.72952E-10	403214.5	3751079.1	25.8	2.64	54.18	9.50	94.21	2.46	YES		NO
A0000103	0	0.42692E-08	403511.6	3751131.0	23.3	2.64	38.88	9.50	89.39	2.46	YES		NO
A0000104	0	0.42692E-08	403516.8	3751087.4	23.2	2.64	54.38	9.50	0.22	2.46	YES		NO
A0000105	0	0.42692E-08	403571.2	3751087.2	23.1	2.64	54.38	9.50	0.22	2.46	YES		NO
A0000106	0	0.42692E-08	403620.8	3751091.6	23.0	2.64	69.08	9.50	88.63	2.46	YES		NO

*** MODELOPTs: NonDFAULT CONC ELEV FASTALL URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	A0000097 , A0000098 , A0000099 , A0000100 , A0000117 , A0000118 , A0000119 , A0000120 ,
	A0000110 , A0000111 , A0000112 , A0000113 , A0000114 , A0000115 , A0000121 , A0000122 ,
	A0000123 , A0000124 , A0000125 , A0000126 , A0000127 , A0000128 , A0000066 , A0000067 ,
	A0000068 , A0000069 , A0000070 , A0000071 , A0000072 , A0000073 , A0000074 , A0000075 ,
	A0000076 , A0000077 , A0000078 , A0000079 , A0000080 , A0000081 , A0000082 , A0000083 ,
	A0000084 , A0000101 , A0000102 , A0000103 , A0000104 , A0000105 , A0000106 , GEN ,
	IDLE1 , IDLE2 , IDLE3 , IDLE4 , IDLE5 , IDLE6 , IDLE7 , IDLE8 ,
	IDLE9 , IDLE10 , FIREP ,

*** MODELOPTs: NonDFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs
	98537.	A0000097 , A0000098 , A0000099 , A0000100 , A0000117 , A0000118 , A0000119 , A0000120 ,
		A0000110 , A0000111 , A0000112 , A0000113 , A0000114 , A0000115 , A0000121 , A0000122 ,
		A0000123 , A0000124 , A0000125 , A0000126 , A0000127 , A0000128 , A0000066 , A0000067 ,
		A0000068 , A0000069 , A0000070 , A0000071 , A0000072 , A0000073 , A0000074 , A0000075 ,
		A0000076 , A0000077 , A0000078 , A0000079 , A0000080 , A0000081 , A0000082 , A0000083 ,
		A0000084 , A0000101 , A0000102 , A0000103 , A0000104 , A0000105 , A0000106 , GEN ,
		IDLE1 , IDLE2 , IDLE3 , IDLE4 , IDLE5 , IDLE6 , IDLE7 , IDLE8 ,
		IDLE9 , IDLE10 , FIREP ,

*** MODELOPTs: NonDFAULT CONC ELEV FASTALL URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: GEN

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	13.7,	173.5,	99.1,	-15.7,	57.6,	2	13.7,	179.5,	123.3,	-38.8,	60.8,
3	13.7,	180.1,	143.8,	-60.7,	62.0,	4	13.7,	175.2,	159.9,	-80.7,	61.4,
5	13.7,	164.9,	171.1,	-98.3,	59.0,	6	13.7,	150.0,	177.1,	-112.9,	54.9,
7	13.7,	132.7,	177.8,	-124.1,	50.2,	8	13.7,	111.3,	173.0,	-131.5,	44.0,
9	13.7,	86.6,	163.3,	-134.9,	36.4,	10	13.7,	99.1,	173.5,	-144.4,	33.9,
11	13.7,	123.3,	179.5,	-150.5,	22.9,	12	13.7,	143.8,	180.1,	-152.1,	11.2,
13	13.7,	159.9,	175.2,	-149.0,	-0.8,	14	13.7,	171.1,	164.9,	-141.4,	-12.7,
15	13.7,	177.1,	150.0,	-129.9,	-24.3,	16	13.7,	177.8,	132.7,	-116.6,	-35.2,
17	13.7,	173.0,	111.3,	-99.7,	-45.0,	18	13.7,	163.3,	86.6,	-79.8,	-53.2,
19	13.7,	173.5,	99.1,	-83.4,	-57.6,	20	13.7,	179.5,	123.3,	-84.6,	-60.8,
21	13.7,	180.1,	143.8,	-83.1,	-62.0,	22	13.7,	175.2,	159.9,	-79.2,	-61.4,
23	13.7,	164.9,	171.1,	-72.8,	-59.0,	24	13.7,	150.0,	177.1,	-64.2,	-54.9,
25	13.7,	132.7,	177.8,	-53.7,	-50.2,	26	13.7,	111.3,	173.0,	-41.5,	-44.0,
27	13.7,	86.6,	163.3,	-28.4,	-36.4,	28	13.7,	99.1,	173.5,	-29.1,	-33.9,
29	13.7,	123.3,	179.5,	-29.0,	-22.9,	30	13.7,	143.8,	180.1,	-28.0,	-11.2,
31	13.7,	159.9,	175.2,	-26.1,	0.8,	32	13.7,	171.1,	164.9,	-23.5,	12.7,
33	13.7,	177.1,	150.0,	-20.1,	24.3,	34	13.7,	177.8,	132.7,	-16.1,	35.2,
35	13.7,	173.0,	111.3,	-11.7,	45.0,	36	13.7,	163.3,	86.6,	-6.8,	53.2,

SOURCE ID: IDLE1

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	13.7,	173.5,	99.1,	-8.2,	-22.7,	2	13.7,	179.5,	123.3,	-17.4,	-17.1,
3	13.7,	180.1,	143.8,	-26.2,	-10.9,	4	13.7,	175.2,	159.9,	-34.0,	-4.4,
5	13.7,	164.9,	171.1,	-40.9,	2.2,	6	13.7,	150.0,	177.1,	-46.5,	9.0,
7	13.7,	132.7,	177.8,	-50.7,	16.5,	8	13.7,	111.3,	173.0,	-53.4,	23.5,
9	13.7,	86.6,	163.3,	-54.4,	29.9,	10	13.7,	99.1,	173.5,	-64.0,	41.3,
11	13.7,	123.3,	179.5,	-72.7,	44.2,	12	13.7,	143.8,	180.1,	-79.1,	45.8,
13	13.7,	159.9,	175.2,	-83.2,	45.9,	14	13.7,	171.1,	164.9,	-84.7,	44.6,
15	13.7,	177.1,	150.0,	-84.0,	42.0,	16	13.7,	177.8,	132.7,	-82.9,	38.2,
17	13.7,	173.0,	111.3,	-79.2,	33.1,	18	13.7,	163.3,	86.6,	-73.2,	27.2,
19	13.7,	173.5,	99.1,	-90.9,	22.7,	20	13.7,	179.5,	123.3,	-105.9,	17.1,
21	13.7,	180.1,	143.8,	-117.6,	10.9,	22	13.7,	175.2,	159.9,	-125.8,	4.4,
23	13.7,	164.9,	171.1,	-130.2,	-2.2,	24	13.7,	150.0,	177.1,	-130.6,	-9.0,
25	13.7,	132.7,	177.8,	-127.0,	-16.5,	26	13.7,	111.3,	173.0,	-119.6,	-23.5,
27	13.7,	86.6,	163.3,	-108.8,	-29.9,	28	13.7,	99.1,	173.5,	-109.5,	-41.3,
29	13.7,	123.3,	179.5,	-106.8,	-44.2,	30	13.7,	143.8,	180.1,	-101.0,	-45.8,
31	13.7,	159.9,	175.2,	-92.0,	-45.9,	32	13.7,	171.1,	164.9,	-80.2,	-44.6,
33	13.7,	177.1,	150.0,	-66.0,	-42.0,	34	13.7,	177.8,	132.7,	-49.8,	-38.2,
35	13.7,	173.0,	111.3,	-32.1,	-33.1,	36	13.7,	163.3,	86.6,	-13.4,	-27.2,

SOURCE ID: IDLE2

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	13.7,	173.5,	99.1,	-9.6,	-15.2,	2	13.7,	179.5,	123.3,	-20.1,	-9.9,
3	13.7,	180.1,	143.8,	-30.0,	-4.3,	4	13.7,	175.2,	159.9,	-38.9,	1.4,
5	13.7,	164.9,	171.1,	-46.8,	7.1,	6	13.7,	150.0,	177.1,	-53.1,	12.8,
7	13.7,	132.7,	177.8,	-57.9,	19.1,	8	13.7,	111.3,	173.0,	-60.9,	24.9,
9	13.7,	86.6,	163.3,	-62.1,	29.9,	10	13.7,	99.1,	173.5,	-71.5,	40.0,

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   11   13.7,  123.3,  179.5,  -79.9,   41.6,     12   13.7,  143.8,
180.1,  -85.7,   41.9,
   13   13.7,  159.9,  175.2,  -89.0,   41.0,     14   13.7,  171.1,
164.9,  -89.6,   38.8,
   15   13.7,  177.1,  150.0,  -87.8,   35.4,     16   13.7,  177.8,
132.7,  -85.5,   31.0,
   17   13.7,  173.0,  111.3,  -80.5,   25.6,     18   13.7,  163.3,
86.6,  -73.2,   19.6,
   19   13.7,  173.5,   99.1,  -89.6,   15.2,     20   13.7,  179.5,
123.3, -103.3,    9.9,
   21   13.7,  180.1,  143.8, -113.8,    4.3,     22   13.7,  175.2,
159.9, -120.9,   -1.4,
   23   13.7,  164.9,  171.1, -124.3,   -7.1,     24   13.7,  150.0,
177.1, -124.0,  -12.8,
   25   13.7,  132.7,  177.8, -119.9,  -19.1,     26   13.7,  111.3,
173.0, -112.1,  -24.9,
   27   13.7,   86.6,  163.3, -101.2,  -29.9,     28   13.7,   99.1,
173.5, -102.0,  -40.0,
   29   13.7,  123.3,  179.5,  -99.7,  -41.6,     30   13.7,  143.8,
180.1,  -94.3,  -41.9,
   31   13.7,  159.9,  175.2,  -86.2,  -41.0,     32   13.7,  171.1,
164.9,  -75.3,  -38.8,
   33   13.7,  177.1,  150.0,  -62.2,  -35.4,     34   13.7,  177.8,
132.7,  -47.2,  -31.0,
   35   13.7,  173.0,  111.3,  -30.8,  -25.6,     36   13.7,  163.3,
86.6,  -13.4,  -19.6,


 SOURCE ID: IDLE3
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW
BL     XADJ    YADJ
    1   13.7,  173.5,   99.1,  -11.4,   -5.9,      2   13.7,  179.5,
123.3,  -23.5,   -1.0,
    3   13.7,  180.1,  143.8,  -34.9,    3.8,      4   13.7,  175.2,
159.9,  -45.2,    8.6,
    5   13.7,  164.9,  171.1,  -54.1,   13.1,      6   13.7,  150.0,
177.1,  -61.5,   17.4,
    7   13.7,  132.7,  177.8,  -66.9,   22.2,      8   13.7,  111.3,
173.0,  -70.3,   26.3,
    9   13.7,   86.6,  163.3,  -71.6,   29.7,     10   13.7,   99.1,
173.5,  -80.9,   38.2,
   11   13.7,  123.3,  179.5,  -88.7,   38.2,     12   13.7,  143.8,
180.1,  -93.9,   37.0,
   13   13.7,  159.9,  175.2,  -96.2,   34.7,     14   13.7,  171.1,
164.9,  -95.6,   31.4,
   15   13.7,  177.1,  150.0,  -92.4,   27.1,     16   13.7,  177.8,
132.7,  -88.5,   22.0,
   17   13.7,  173.0,  111.3,  -82.0,   16.2,     18   13.7,  163.3,
86.6,  -73.0,   10.1,
   19   13.7,  173.5,   99.1,  -87.8,    5.9,     20   13.7,  179.5,
123.3,  -99.8,    1.0,
   21   13.7,  180.1,  143.8, -108.9,   -3.8,     22   13.7,  175.2,
159.9, -114.7,   -8.6,
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   23   13.7,  164.9,  171.1, -117.0,  -13.1,     24   13.7,  150.0,
177.1, -115.7,  -17.4,
   25   13.7,  132.7,  177.8, -110.9,  -22.2,     26   13.7,  111.3,
173.0, -102.7,  -26.3,
   27   13.7,   86.6,  163.3,  -91.7,  -29.7,     28   13.7,   99.1,
173.5,  -92.6,  -38.2,
   29   13.7,  123.3,  179.5,  -90.8,  -38.2,     30   13.7,  143.8,
180.1,  -86.2,  -37.0,
   31   13.7,  159.9,  175.2,  -79.0,  -34.7,     32   13.7,  171.1,
164.9,  -69.4,  -31.4,
   33   13.7,  177.1,  150.0,  -57.6,  -27.1,     34   13.7,  177.8,
132.7,  -44.1,  -22.0,
   35   13.7,  173.0,  111.3,  -29.3,  -16.2,     36   13.7,  163.3,
86.6,  -13.6,  -10.1,
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*** MODELOPTs: NonDFAULT CONC ELEV FASTALL URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: IDLE4

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	13.7,	173.5,	99.1,	-13.0,	3.2,	2	13.7,	179.5,	123.3,	-26.6,	7.6,
3	13.7,	180.1,	143.8,	-39.5,	11.8,	4	13.7,	175.2,	159.9,	-51.1,	15.7,
5	13.7,	164.9,	171.1,	-61.2,	19.1,	6	13.7,	150.0,	177.1,	-69.4,	22.0,
7	13.7,	132.7,	177.8,	-75.6,	25.4,	8	13.7,	111.3,	173.0,	-79.4,	28.0,
9	13.7,	86.6,	163.3,	-80.8,	29.7,	10	13.7,	99.1,	173.5,	-90.0,	36.6,
11	13.7,	123.3,	179.5,	-97.4,	35.0,	12	13.7,	143.8,	180.1,	-101.9,	32.4,
13	13.7,	159.9,	175.2,	-103.3,	28.8,	14	13.7,	171.1,	164.9,	-101.5,	24.3,
15	13.7,	177.1,	150.0,	-97.0,	19.1,	16	13.7,	177.8,	132.7,	-91.7,	13.3,
17	13.7,	173.0,	111.3,	-83.6,	7.1,	18	13.7,	163.3,	86.6,	-73.0,	0.8,
19	13.7,	173.5,	99.1,	-86.2,	-3.2,	20	13.7,	179.5,	123.3,	-96.7,	-7.6,
21	13.7,	180.1,	143.8,	-104.3,	-11.8,	22	13.7,	175.2,	159.9,	-108.8,	-15.7,
23	13.7,	164.9,	171.1,	-109.9,	-19.1,	24	13.7,	150.0,	177.1,	-107.7,	-22.0,
25	13.7,	132.7,	177.8,	-102.2,	-25.4,	26	13.7,	111.3,	173.0,	-93.6,	-28.0,
27	13.7,	86.6,	163.3,	-82.5,	-29.7,	28	13.7,	99.1,	173.5,	-83.6,	-36.6,
29	13.7,	123.3,	179.5,	-82.1,	-35.0,	30	13.7,	143.8,	180.1,	-78.2,	-32.4,
31	13.7,	159.9,	175.2,	-71.9,	-28.8,	32	13.7,	171.1,	164.9,	-63.4,	-24.3,
33	13.7,	177.1,	150.0,	-53.0,	-19.1,	34	13.7,	177.8,	132.7,	-41.0,	-13.3,
35	13.7,	173.0,	111.3,	-27.7,	-7.1,	36	13.7,	163.3,	86.6,	-13.6,	-0.8,

SOURCE ID: IDLE5

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	13.7,	173.5,	99.1,	-14.7,	13.0,	2	13.7,	179.5,	123.3,	-30.0,	16.9,
3	13.7,	180.1,	143.8,	-44.4,	20.4,	4	13.7,	175.2,	159.9,	-57.5,	23.2,
5	13.7,	164.9,	171.1,	-68.8,	25.4,	6	13.7,	150.0,	177.1,	-78.0,	26.9,
7	13.7,	132.7,	177.8,	-84.9,	28.7,	8	13.7,	111.3,	173.0,	-89.1,	29.7,
9	13.7,	86.6,	163.3,	-90.7,	29.7,	10	13.7,	99.1,	173.5,	-99.7,	34.8,
11	13.7,	123.3,	179.5,	-106.7,	31.6,	12	13.7,	143.8,	180.1,	-110.5,	27.4,
13	13.7,	159.9,	175.2,	-110.8,	22.4,	14	13.7,	171.1,	164.9,	-107.8,	16.7,
15	13.7,	177.1,	150.0,	-102.0,	10.5,	16	13.7,	177.8,	132.7,	-95.1,	4.0,
17	13.7,	173.0,	111.3,	-85.3,	-2.6,	18	13.7,	163.3,	86.6,	-73.0,	-9.1,
19	13.7,	173.5,	99.1,	-84.4,	-13.0,	20	13.7,	179.5,	123.3,	-93.3,	-16.9,
21	13.7,	180.1,	143.8,	-99.3,	-20.4,	22	13.7,	175.2,	159.9,	-102.4,	-23.2,
23	13.7,	164.9,	171.1,	-102.3,	-25.4,	24	13.7,	150.0,	177.1,	-99.1,	-26.9,
25	13.7,	132.7,	177.8,	-92.9,	-28.7,	26	13.7,	111.3,	173.0,	-83.9,	-29.7,
27	13.7,	86.6,	163.3,	-72.5,	-29.7,	28	13.7,	99.1,	173.5,	-73.8,	-34.8,
29	13.7,	123.3,	179.5,	-72.8,	-31.6,	30	13.7,	143.8,	180.1,	-69.6,	-27.4,
31	13.7,	159.9,	175.2,	-64.3,	-22.4,	32	13.7,	171.1,	164.9,	-57.1,	-16.7,
33	13.7,	177.1,	150.0,	-48.1,	-10.5,	34	13.7,	177.8,	132.7,	-37.6,	-4.0,
35	13.7,	173.0,	111.3,	-26.0,	2.6,	36	13.7,	163.3,	86.6,	-13.6,	9.1,

SOURCE ID: IDLE6

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	13.7,	173.5,	99.1,	-16.0,	21.5,	2	13.7,	179.5,	123.3,	-32.8,	25.2,
3	13.7,	180.1,	143.8,	-48.5,	28.0,	4	13.7,	175.2,	159.9,	-62.9,	30.1,
5	13.7,	164.9,	171.1,	-75.3,	31.2,	6	13.7,	150.0,	177.1,	-85.4,	31.5,
7	13.7,	132.7,	177.8,	-92.9,	31.9,	8	13.7,	111.3,	173.0,	-97.6,	31.4,
9	13.7,	86.6,	163.3,	-99.4,	29.9,	10	13.7,	99.1,	173.5,	-108.3,	33.6,

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   11   13.7,  123.3,  179.5, -114.9,   28.9,     12   13.7,  143.8,
180.1, -118.1,   23.4,
   13   13.7,  159.9,  175.2, -117.6,   17.1,     14   13.7,  171.1,
164.9, -113.6,   10.3,
   15   13.7,  177.1,  150.0, -106.5,    3.2,     16   13.7,  177.8,
132.7,  -98.3,   -4.0,
   17   13.7,  173.0,  111.3,  -87.1,  -11.1,     18   13.7,  163.3,
86.6,  -73.2,  -17.7,
   19   13.7,  173.5,   99.1,  -83.2,  -21.5,     20   13.7,  179.5,
123.3,  -90.6,  -25.2,
   21   13.7,  180.1,  143.8,  -95.2,  -28.0,     22   13.7,  175.2,
159.9,  -97.0,  -30.1,
   23   13.7,  164.9,  171.1,  -95.8,  -31.2,     24   13.7,  150.0,
177.1,  -91.7,  -31.5,
   25   13.7,  132.7,  177.8,  -84.8,  -31.9,     26   13.7,  111.3,
173.0,  -75.4,  -31.4,
   27   13.7,   86.6,  163.3,  -63.9,  -29.9,     28   13.7,   99.1,
173.5,  -65.2,  -33.6,
   29   13.7,  123.3,  179.5,  -64.6,  -28.9,     30   13.7,  143.8,
180.1,  -62.0,  -23.4,
   31   13.7,  159.9,  175.2,  -57.5,  -17.1,     32   13.7,  171.1,
164.9,  -51.3,  -10.3,
   33   13.7,  177.1,  150.0,  -43.5,   -3.2,     34   13.7,  177.8,
132.7,  -34.4,    4.0,
   35   13.7,  173.0,  111.3,  -24.2,   11.1,     36   13.7,  163.3,
86.6,  -13.4,   17.7,


 SOURCE ID: IDLE7
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW
BL     XADJ    YADJ
    1   13.7,  173.5,   99.1,  -17.5,   30.5,      2   13.7,  179.5,
123.3,  -35.8,   33.8,
    3   13.7,  180.1,  143.8,  -53.1,   36.0,      4   13.7,  175.2,
159.9,  -68.7,   37.1,
    5   13.7,  164.9,  171.1,  -82.2,   37.1,      6   13.7,  150.0,
177.1,  -93.3,   36.1,
    7   13.7,  132.7,  177.8, -101.5,   35.1,      8   13.7,  111.3,
173.0, -106.6,   33.1,
    9   13.7,   86.6,  163.3, -108.5,   30.0,     10   13.7,   99.1,
173.5, -117.3,   32.1,
   11   13.7,  123.3,  179.5, -123.5,   25.9,     12   13.7,  143.8,
180.1, -126.0,   18.8,
   13   13.7,  159.9,  175.2, -124.7,   11.2,     14   13.7,  171.1,
164.9, -119.5,    3.3,
   15   13.7,  177.1,  150.0, -111.1,   -4.7,     16   13.7,  177.8,
132.7, -101.5,  -12.6,
   17   13.7,  173.0,  111.3,  -88.7,  -20.1,     18   13.7,  163.3,
86.6,  -73.3,  -26.9,
   19   13.7,  173.5,   99.1,  -81.6,  -30.5,     20   13.7,  179.5,
123.3,  -87.5,  -33.8,
   21   13.7,  180.1,  143.8,  -90.7,  -36.0,     22   13.7,  175.2,
159.9,  -91.2,  -37.1,
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   23   13.7,  164.9,  171.1,  -88.9,  -37.1,     24   13.7,  150.0,
177.1,  -83.8,  -36.1,
   25   13.7,  132.7,  177.8,  -76.3,  -35.1,     26   13.7,  111.3,
173.0,  -66.4,  -33.1,
   27   13.7,   86.6,  163.3,  -54.8,  -30.0,     28   13.7,   99.1,
173.5,  -56.2,  -32.1,
   29   13.7,  123.3,  179.5,  -56.0,  -25.9,     30   13.7,  143.8,
180.1,  -54.1,  -18.8,
   31   13.7,  159.9,  175.2,  -50.5,  -11.2,     32   13.7,  171.1,
164.9,  -45.4,   -3.3,
   33   13.7,  177.1,  150.0,  -38.9,    4.7,     34   13.7,  177.8,
132.7,  -31.2,   12.6,
   35   13.7,  173.0,  111.3,  -22.6,   20.1,     36   13.7,  163.3,
86.6,  -13.3,   26.9,
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*** MODELOPTs: NonDFAULT CONC ELEV FASTALL URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: IDLE8

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	13.7,	173.5,	99.1,	-19.1,	38.7,	2	13.7,	179.5,	123.3,	-38.8,	41.5,
3	13.7,	180.1,	143.8,	-57.4,	43.1,	4	13.7,	175.2,	159.9,	-74.2,	43.3,
5	13.7,	164.9,	171.1,	-88.7,	42.3,	6	13.7,	150.0,	177.1,	-100.6,	40.1,
7	13.7,	132.7,	177.8,	-109.4,	37.8,	8	13.7,	111.3,	173.0,	-114.8,	34.3,
9	13.7,	86.6,	163.3,	-116.8,	29.8,	10	13.7,	99.1,	173.5,	-125.5,	30.5,
11	13.7,	123.3,	179.5,	-131.3,	22.9,	12	13.7,	143.8,	180.1,	-133.1,	14.5,
13	13.7,	159.9,	175.2,	-130.9,	5.8,	14	13.7,	171.1,	164.9,	-124.8,	-3.2,
15	13.7,	177.1,	150.0,	-115.1,	-12.0,	16	13.7,	177.8,	132.7,	-104.2,	-20.5,
17	13.7,	173.0,	111.3,	-90.0,	-28.3,	18	13.7,	163.3,	86.6,	-73.1,	-35.2,
19	13.7,	173.5,	99.1,	-80.0,	-38.7,	20	13.7,	179.5,	123.3,	-84.5,	-41.5,
21	13.7,	180.1,	143.8,	-86.4,	-43.1,	22	13.7,	175.2,	159.9,	-85.7,	-43.3,
23	13.7,	164.9,	171.1,	-82.4,	-42.3,	24	13.7,	150.0,	177.1,	-76.6,	-40.1,
25	13.7,	132.7,	177.8,	-68.4,	-37.8,	26	13.7,	111.3,	173.0,	-58.2,	-34.3,
27	13.7,	86.6,	163.3,	-46.4,	-29.8,	28	13.7,	99.1,	173.5,	-48.1,	-30.5,
29	13.7,	123.3,	179.5,	-48.2,	-22.9,	30	13.7,	143.8,	180.1,	-46.9,	-14.5,
31	13.7,	159.9,	175.2,	-44.2,	-5.8,	32	13.7,	171.1,	164.9,	-40.2,	3.2,
33	13.7,	177.1,	150.0,	-34.9,	12.0,	34	13.7,	177.8,	132.7,	-28.5,	20.5,
35	13.7,	173.0,	111.3,	-21.3,	28.3,	36	13.7,	163.3,	86.6,	-13.5,	35.2,

SOURCE ID: IDLE9

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  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW
BL     XADJ    YADJ
    1   13.7,  173.5,   99.1,  -20.6,   47.5,      2   13.7,  179.5,
123.3,  -41.8,   49.9,
    3   13.7,  180.1,  143.8,  -61.8,   50.9,      4   13.7,  175.2,
159.9,  -79.8,   50.2,
    5   13.7,  164.9,  171.1,  -95.5,   48.1,      6   13.7,  150.0,
177.1, -108.3,   44.7,
    7   13.7,  132.7,  177.8, -117.7,   40.9,      8   13.7,  111.3,
173.0, -123.6,   36.0,
    9   13.7,   86.6,  163.3, -125.8,   29.9,     10   13.7,   99.1,
173.5, -134.3,   29.0,
   11   13.7,  123.3,  179.5, -139.7,   19.9,     12   13.7,  143.8,
180.1, -140.9,   10.1,
   13   13.7,  159.9,  175.2, -137.8,    0.1,     14   13.7,  171.1,
164.9, -130.6,  -10.0,
   15   13.7,  177.1,  150.0, -119.7,  -19.7,     16   13.7,  177.8,
132.7, -107.3,  -28.9,
   17   13.7,  173.0,  111.3,  -91.6,  -37.1,     18   13.7,  163.3,
86.6,  -73.2,  -44.1,
   19   13.7,  173.5,   99.1,  -78.6,  -47.5,     20   13.7,  179.5,
123.3,  -81.5,  -49.9,
   21   13.7,  180.1,  143.8,  -82.0,  -50.9,     22   13.7,  175.2,
159.9,  -80.0,  -50.2,
   23   13.7,  164.9,  171.1,  -75.6,  -48.1,     24   13.7,  150.0,
177.1,  -68.9,  -44.7,
   25   13.7,  132.7,  177.8,  -60.0,  -40.9,     26   13.7,  111.3,
173.0,  -49.4,  -36.0,
   27   13.7,   86.6,  163.3,  -37.5,  -29.9,     28   13.7,   99.1,
173.5,  -39.3,  -29.0,
   29   13.7,  123.3,  179.5,  -39.8,  -19.9,     30   13.7,  143.8,
180.1,  -39.2,  -10.1,
   31   13.7,  159.9,  175.2,  -37.3,   -0.1,     32   13.7,  171.1,
164.9,  -34.4,   10.0,
   33   13.7,  177.1,  150.0,  -30.4,   19.7,     34   13.7,  177.8,
132.7,  -25.4,   28.9,
   35   13.7,  173.0,  111.3,  -19.7,   37.1,     36   13.7,  163.3,
86.6,  -13.4,   44.1,


 SOURCE ID: IDLE10
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW
BL     XADJ    YADJ
    1   13.7,  173.5,   99.1,   -7.3,  -28.8,      2   13.7,  179.5,
123.3,  -15.5,  -22.9,
    3   13.7,  180.1,  143.8,  -23.2,  -16.3,      4   13.7,  175.2,
159.9,  -30.2,   -9.2,
    5   13.7,  164.9,  171.1,  -36.3,   -1.8,      6   13.7,  150.0,
177.1,  -41.3,    5.8,
    7   13.7,  132.7,  177.8,  -45.0,   14.3,      8   13.7,  111.3,
173.0,  -47.4,   22.3,
    9   13.7,   86.6,  163.3,  -48.3,   29.7,     10   13.7,   99.1,
173.5,  -58.0,   42.2,
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   11   13.7,  123.3,  179.5,  -66.9,   46.2,     12   13.7,  143.8,
180.1,  -73.8,   48.7,
   13   13.7,  159.9,  175.2,  -78.4,   49.7,     14   13.7,  171.1,
164.9,  -80.6,   49.2,
   15   13.7,  177.1,  150.0,  -80.8,   47.3,     16   13.7,  177.8,
132.7,  -80.6,   43.8,
   17   13.7,  173.0,  111.3,  -78.0,   39.1,     18   13.7,  163.3,
86.6,  -73.0,   33.3,
   19   13.7,  173.5,   99.1,  -91.8,   28.8,     20   13.7,  179.5,
123.3, -107.8,   22.9,
   21   13.7,  180.1,  143.8, -120.6,   16.3,     22   13.7,  175.2,
159.9, -129.6,    9.2,
   23   13.7,  164.9,  171.1, -134.8,    1.8,     24   13.7,  150.0,
177.1, -135.8,   -5.8,
   25   13.7,  132.7,  177.8, -132.7,  -14.3,     26   13.7,  111.3,
173.0, -125.6,  -22.3,
   27   13.7,   86.6,  163.3, -114.9,  -29.7,     28   13.7,   99.1,
173.5, -115.5,  -42.2,
   29   13.7,  123.3,  179.5, -112.6,  -46.2,     30   13.7,  143.8,
180.1, -106.3,  -48.7,
   31   13.7,  159.9,  175.2,  -96.8,  -49.7,     32   13.7,  171.1,
164.9,  -84.3,  -49.2,
   33   13.7,  177.1,  150.0,  -69.2,  -47.3,     34   13.7,  177.8,
132.7,  -52.1,  -43.8,
   35   13.7,  173.0,  111.3,  -33.3,  -39.1,     36   13.7,  163.3,
86.6,  -13.6,  -33.3,
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*** MODELOPTs: NonDFAULT CONC ELEV FASTALL URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

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

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

402245.4, 402347.3, 402449.2, 402551.0, 402652.9, 402754.8, 402856.7, 402958.5, 403060.4, 403162.3,
403264.1, 403366.0, 403467.9, 403569.7, 403671.6, 403773.5, 403875.4, 403977.2, 404079.1, 404181.0,
404282.8, 404384.7, 404486.6, 404588.4, 404690.3,

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

3749194.8, 3749295.8, 3749396.9, 3749497.9, 3749598.9, 3749699.9, 3749800.9, 3749901.9, 3750002.9, 3750103.9,
3750204.9, 3750305.9, 3750407.0, 3750508.0, 3750609.0, 3750710.0, 3750811.0, 3750912.0, 3751013.0, 3751114.0,
3751215.0, 3751316.0, 3751417.1, 3751518.1, 3751619.1, 3751720.1, 3751821.1, 3751922.1, 3752023.1, 3752124.1,
3752225.1, 3752326.1, 3752427.2, 3752528.2, 3752629.2, 3752730.2, 3752831.2, 3752932.2, 3753033.2, 3753134.2,

*** MODELOPTs: NonDFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	402245.43	402347.30	402449.17	402551.04	402652.91	402754.78	402856.65	402958.52	403060.39
3753134.23	34.70	34.50	28.90	29.70	29.40	29.80	29.20	29.20	29.30
3753033.22	28.50	33.90	28.80	28.80	28.50	28.40	28.10	28.00	28.00
3752932.21	28.90	29.30	30.50	28.90	28.20	28.20	28.60	29.00	29.00
3752831.20	28.40	28.50	28.80	28.60	28.20	28.60	28.90	29.20	29.20
3752730.19	27.90	28.00	28.40	28.20	27.80	28.90	28.30	28.10	28.10
3752629.18	27.60	27.90	28.00	27.90	27.70	27.60	27.80	27.50	28.00
3752528.17	27.60	27.60	27.60	28.10	28.10	27.90	27.70	27.60	28.30
3752427.16	27.20	27.10	27.30	27.60	27.40	27.60	27.50	27.30	28.40
3752326.15	26.80	26.70	26.70	27.30	27.20	27.70	27.20	26.90	26.70
3752225.14	27.20	26.90	26.70	26.60	26.90	27.50	26.70	26.60	26.60
3752124.13	26.80	26.50	26.30	26.60	27.00	26.20	26.30	26.70	26.70
3752023.12	26.70	26.40	26.40	26.80	27.10	26.20	25.90	26.00	26.70
3751922.11	26.60	26.30	26.10	26.40	25.90	25.90	25.60	25.90	25.90
3751821.10	25.90	25.60	25.50	25.10	25.00	25.60	25.70	25.70	25.80
3751720.09	25.70	25.20	25.40	24.80	24.60	24.60	25.30	25.50	25.80
3751619.08	25.10	24.80	24.90	24.60	24.50	24.40	25.00	25.20	25.40

3751518.07		25.40	24.30	24.40	24.40
24.30	24.30	24.90	25.20	25.10	
3751417.06		25.30	24.60	24.40	24.30
24.30	24.30	24.70	24.80	25.00	
3751316.05		24.40	23.80	24.50	24.50
23.80	24.30	24.70	24.60	25.80	
3751215.04		24.50	23.80	24.30	24.20
24.30	24.90	24.90	25.20	25.40	
3751114.03		24.80	24.00	23.70	23.90
24.20	23.70	25.70	24.60	25.30	
3751013.02		23.50	23.30	22.90	23.10
23.40	23.60	25.10	24.80	26.80	
3750912.01		23.20	23.30	23.70	24.10
24.10	23.80	23.90	24.90	24.80	
3750811.00		22.50	22.70	23.10	23.00
23.80	23.40	23.70	23.80	24.40	
3750709.99		22.30	22.50	22.90	23.10
22.90	23.80	23.80	23.80	23.90	
3750608.98		22.30	22.70	23.20	22.90
22.80	22.70	23.30	23.20	23.30	
3750507.97		22.20	22.50	23.30	22.30
22.40	22.70	23.30	23.30	23.40	
3750406.96		22.10	22.20	22.70	21.70
21.70	21.70	22.50	23.00	23.20	
3750305.95		21.50	22.10	22.10	21.30
21.30	22.60	22.20	22.80	22.80	
3750204.94		22.00	21.90	21.70	21.30
21.00	21.50	22.10	22.30	22.00	
3750103.93		21.30	20.60	21.40	21.20
21.00	20.50	21.80	21.90	21.80	
3750002.92		20.00	20.80	20.80	20.90
21.10	20.70	21.30	21.60	20.20	
3749901.91		20.20	20.00	20.30	20.00
20.40	20.70	20.70	20.70	20.50	
3749800.90		20.10	19.80	19.50	20.00
20.70	20.50	20.70	20.70	20.30	
3749699.89		19.80	20.30	21.10	19.80
20.00	19.80	20.70	20.70	20.50	
3749598.88		19.20	19.40	19.80	19.90
19.60	19.70	20.10	19.90	20.00	
3749497.87		19.50	19.70	19.90	19.80
19.40	19.60	19.50	19.70	20.20	
3749396.86		19.00	19.00	19.00	19.20
19.50	19.50	19.20	19.40	19.50	
3749295.85		18.70	18.70	19.20	19.30
20.00	20.10	19.40	19.70	19.60	
3749194.84		18.30	18.70	19.10	19.40
19.10	19.50	19.50	19.60	19.40	

*** MODELOPTs: NonDFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	403162.26	403264.13	403366.00	403467.87	403569.74
403671.61	403773.48	403875.35	403977.22		
3753134.23	29.30	29.70	29.40	30.30	29.80
32.90	32.10	31.40	31.60		
3753033.22	28.00	29.10	28.90	29.00	29.80
30.80	30.50	30.50	31.40		
3752932.21	29.10	29.40	29.70	29.90	31.00
30.40	30.80	26.20	33.10		
3752831.20	29.20	29.10	28.10	28.40	28.70
30.20	31.00	30.40	34.30		
3752730.19	28.30	28.70	28.30	28.50	28.80
29.10	30.60	32.00	33.40		
3752629.18	27.40	28.10	28.00	28.30	28.10
27.90	30.10	31.20	30.40		
3752528.17	27.80	28.20	27.30	27.90	27.80
27.20	23.40	27.60	27.20		
3752427.16	27.20	27.20	27.00	27.10	27.10
26.70	26.60	27.30	27.20		
3752326.15	26.40	26.60	27.40	27.10	27.00
26.80	27.00	27.20	27.10		
3752225.14	26.50	26.50	26.50	28.20	26.50
27.00	27.20	27.30	27.40		
3752124.13	26.60	26.70	26.90	26.40	26.80
26.20	27.10	28.10	28.00		
3752023.12	26.80	26.30	26.20	26.00	26.00
26.80	27.80	27.70	28.60		
3751922.11	25.80	26.10	25.80	25.60	25.50
26.30	26.30	27.30	28.00		
3751821.10	25.70	25.60	25.40	25.10	25.10
26.90	26.60	26.00	27.40		
3751720.09	25.50	26.00	25.50	24.30	24.50
25.40	25.40	25.10	25.30		
3751619.08	25.30	25.60	25.00	24.10	23.70
23.40	20.90	23.70	24.10		

3751518.07	25.10	25.20	24.70	23.70	23.30
23.00	23.50	24.50	24.10		
3751417.06	25.00	24.90	24.60	23.90	23.80
23.40	23.10	23.30	23.60		
3751316.05	25.40	24.90	24.40	23.90	23.30
22.80	23.00	22.80	20.20		
3751215.04	25.10	25.00	24.90	23.80	23.30
22.60	22.30	22.70	22.40		
3751114.03	25.40	24.60	24.20	23.50	23.50
22.90	22.40	22.20	22.30		
3751013.02	24.50	24.50	23.50	23.10	23.00
22.50	21.90	21.60	21.40		
3750912.01	25.00	24.50	24.40	23.50	23.40
22.80	22.20	21.50	21.50		
3750811.00	23.80	24.60	24.90	22.90	23.30
22.60	22.20	21.60	21.20		
3750709.99	23.80	24.60	23.60	23.40	23.00
22.50	22.00	21.90	21.10		
3750608.98	23.90	23.60	23.60	26.90	22.90
22.00	21.80	21.80	20.90		
3750507.97	23.20	23.20	23.50	22.90	23.20
22.20	22.20	20.90	20.90		
3750406.96	23.20	23.90	23.00	23.30	22.90
22.50	22.20	21.70	20.80		
3750305.95	22.60	22.80	22.90	23.10	22.60
22.20	21.50	21.30	20.80		
3750204.94	21.90	22.20	22.70	23.00	22.50
21.80	21.30	21.00	20.80		
3750103.93	21.90	22.00	22.20	21.80	21.90
21.30	20.60	21.20	21.00		
3750002.92	21.20	21.60	21.60	21.30	21.20
20.80	20.50	21.10	20.50		
3749901.91	21.20	21.80	21.50	21.10	21.40
21.50	21.20	20.70	20.50		
3749800.90	20.90	21.40	21.70	21.50	21.30
21.30	21.10	20.90	20.50		
3749699.89	20.90	21.30	21.60	21.50	21.10
20.70	20.30	20.20	20.00		
3749598.88	20.90	20.70	21.00	21.20	20.80
20.30	20.00	20.60	19.70		
3749497.87	20.40	20.60	20.90	20.80	20.40
20.50	19.80	20.40	19.80		
3749396.86	19.80	20.30	20.70	20.70	20.10
19.60	20.00	20.00	19.80		
3749295.85	19.70	20.10	20.70	20.00	19.50
19.30	19.90	19.40	19.50		
3749194.84	19.60	20.50	20.30	20.30	18.80
18.40	18.80	19.10	19.10		

*** MODELOPTs: NonDFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	404079.09	404180.96	404282.83	404384.70	404486.57	404588.44	404690.31
3753134.23	32.50	31.20	32.40	32.40	33.00	32.20	32.00
3753033.22	32.00	30.80	32.40	33.60	33.40	31.00	30.50
3752932.21	31.40	30.30	31.80	33.50	33.50	31.50	30.70
3752831.20	35.60	30.00	31.60	33.20	33.30	31.20	30.40
3752730.19	33.80	29.90	31.20	33.00	33.00	31.00	30.10
3752629.18	28.10	29.60	30.90	32.00	32.90	31.20	29.50
3752528.17	28.20	28.20	31.10	32.00	31.20	31.10	29.30
3752427.16	28.00	28.00	28.80	31.40	29.60	29.30	28.20
3752326.15	27.90	28.30	28.50	28.50	28.40	27.60	28.10
3752225.14	26.90	27.20	27.40	27.60	27.90	28.40	28.50
3752124.13	27.90	28.10	28.20	28.40	28.10	28.60	31.10
3752023.12	28.60	28.40	28.30	28.50	31.50	33.00	34.90
3751922.11	28.90	29.10	29.40	30.00	31.00	32.60	34.30
3751821.10	28.60	28.40	28.90	29.80	30.90	32.00	33.10
3751720.09	26.50	27.80	28.00	29.20	29.30	31.00	31.80
3751619.08	25.30	25.20	25.40	27.90	28.70	30.70	31.70

3751518.07	24.50	24.90	24.70	25.00	29.10
30.10	31.30				
3751417.06	24.30	24.80	24.50	24.40	25.60
25.50	29.20				
3751316.05	23.50	24.10	23.90	24.20	24.20
24.70	25.90				
3751215.04	18.20	24.00	23.90	24.00	23.80
24.40	25.40				
3751114.03	22.00	18.90	24.10	24.00	24.00
24.00	25.00				
3751013.02	21.70	22.30	21.70	23.80	24.00
24.00	24.00				
3750912.01	21.50	21.90	22.10	23.40	23.70
23.20	23.80				
3750811.00	21.60	21.60	21.80	21.50	23.60
23.70	23.60				
3750709.99	22.00	21.90	21.30	21.50	21.50
22.20	22.60				
3750608.98	21.80	21.00	21.40	21.70	18.40
17.40	21.50				
3750507.97	21.90	21.00	20.30	20.40	15.60
20.30	20.90				
3750406.96	21.90	21.40	20.60	20.90	17.60
20.00	20.10				
3750305.95	21.00	19.20	20.00	20.00	17.00
20.40	20.60				
3750204.94	24.20	22.20	22.90	25.70	19.70
19.90	20.10				
3750103.93	20.10	20.40	20.20	22.40	19.80
20.00	19.70				
3750002.92	20.10	19.50	20.40	20.30	15.70
20.40	19.80				
3749901.91	20.80	19.80	19.20	19.30	18.90
18.90	19.60				
3749800.90	20.80	19.60	18.60	18.10	16.20
18.90	18.60				
3749699.89	20.10	20.30	17.30	17.60	15.90
18.60	18.90				
3749598.88	19.80	20.00	19.30	19.30	16.00
17.90	18.20				
3749497.87	19.30	19.40	18.60	18.50	15.90
17.50	18.30				
3749396.86	19.60	18.40	18.30	18.50	15.60
17.20	17.20				
3749295.85	18.80	18.40	18.30	17.90	15.60
17.80	18.10				
3749194.84	19.30	17.70	17.60	17.60	15.70
18.00	17.90				

*** MODELOPTs: NonDFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	402245.43	402347.30	402449.17	402551.04	402652.91	402754.78	402856.65	402958.52	403060.39
3753134.23	34.70	34.50	34.10	29.70	29.40	29.80	29.20	29.20	29.30
3753033.22	32.20	34.00	33.20	28.80	28.50	28.40	28.10	28.00	28.00
3752932.21	28.90	29.30	30.50	28.90	28.20	28.20	28.60	29.00	29.00
3752831.20	28.40	28.50	28.80	28.60	28.20	28.60	28.90	29.20	29.20
3752730.19	27.90	28.00	28.40	28.20	27.80	28.90	28.30	28.10	28.10
3752629.18	27.60	27.90	28.00	27.90	27.70	27.60	27.80	27.50	28.00
3752528.17	27.60	27.60	27.60	28.10	28.10	27.90	27.70	27.60	28.30
3752427.16	27.20	27.10	27.30	27.60	27.40	27.60	27.50	27.30	28.40
3752326.15	26.80	26.70	26.70	27.30	27.20	27.70	27.20	26.90	26.70
3752225.14	27.20	26.90	26.70	26.60	26.90	27.50	26.70	26.60	26.60
3752124.13	26.80	26.50	26.30	26.60	27.00	26.20	26.30	26.70	26.70
3752023.12	26.70	26.40	26.40	26.80	27.10	26.20	25.90	26.00	26.70
3751922.11	26.60	26.30	26.10	26.40	25.90	25.90	25.60	25.90	25.90
3751821.10	25.90	25.60	25.50	25.10	25.00	25.60	25.70	25.70	25.80
3751720.09	25.70	25.20	25.40	24.80	24.60	24.60	25.30	25.50	25.80
3751619.08	25.10	24.80	24.90	24.60	24.50	24.40	25.00	25.20	25.40

3751518.07	24.30	25.40	30.60	30.60	24.40
24.30	24.30	24.90	25.20	25.10	
3751417.06	24.30	25.30	24.60	24.40	24.30
24.30	24.30	24.70	24.80	25.00	
3751316.05	23.80	24.40	30.50	24.50	24.50
24.30	24.30	24.70	24.60	25.80	
3751215.04	24.30	24.50	23.80	24.30	24.20
24.30	24.90	24.90	25.20	25.40	
3751114.03	24.20	24.80	24.00	23.70	23.90
24.20	23.70	25.70	24.60	25.30	
3751013.02	23.40	23.50	23.30	22.90	23.10
23.40	23.60	25.10	24.80	26.80	
3750912.01	24.10	23.20	23.30	23.70	24.10
24.10	23.80	23.90	24.90	28.60	
3750811.00	23.80	22.50	22.70	23.10	23.00
23.80	23.40	23.70	23.80	24.40	
3750709.99	22.90	22.30	22.50	22.90	23.10
22.90	23.80	23.80	23.80	23.90	
3750608.98	22.80	22.30	22.70	23.20	22.90
22.80	22.70	23.30	23.20	23.30	
3750507.97	22.40	22.20	22.50	23.30	22.30
22.40	22.70	23.30	23.30	23.40	
3750406.96	21.70	22.10	22.20	22.70	21.70
21.70	21.70	22.50	23.00	23.20	
3750305.95	21.30	21.50	22.10	22.10	21.30
21.30	22.60	22.20	22.80	22.80	
3750204.94	21.00	22.00	21.90	21.70	21.30
21.00	21.50	22.10	22.30	22.00	
3750103.93	21.00	21.30	20.60	21.40	21.20
21.00	20.50	21.80	21.90	21.80	
3750002.92	21.10	20.00	20.80	20.80	20.90
21.10	20.70	21.30	21.60	20.20	
3749901.91	20.40	20.20	20.00	20.30	20.00
20.40	20.70	20.70	20.70	20.50	
3749800.90	20.70	20.10	19.80	19.50	20.00
20.70	20.50	20.70	20.70	20.30	
3749699.89	20.00	19.80	20.30	21.10	19.80
20.00	19.80	20.70	20.70	20.50	
3749598.88	19.60	19.20	19.40	19.80	19.90
19.60	19.70	20.10	19.90	20.00	
3749497.87	19.40	19.50	19.70	19.90	19.80
19.40	19.60	19.50	19.70	20.20	
3749396.86	19.50	19.00	19.00	19.00	19.20
19.50	21.30	19.20	19.40	19.50	
3749295.85	20.00	18.70	18.70	19.20	19.30
20.00	20.10	19.40	19.70	19.60	
3749194.84	19.10	18.30	18.70	19.10	19.40
19.10	19.50	19.50	19.60	19.40	

*** MODELOPTs: NonDFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	403162.26	403264.13	403366.00	403467.87	403569.74
403671.61	403773.48	403875.35	403977.22		
3753134.23	29.30	29.70	29.40	30.30	29.80
32.90	32.10	31.40	31.60		
3753033.22	28.00	29.10	28.90	29.00	29.80
32.80	31.40	30.50	31.40		
3752932.21	29.10	29.40	29.70	29.90	31.00
30.40	30.80	33.50	33.10		
3752831.20	29.20	29.10	28.10	28.40	28.70
30.20	31.00	33.20	34.30		
3752730.19	28.30	28.70	28.30	28.50	28.80
29.10	30.60	32.00	33.40		
3752629.18	27.40	28.10	28.00	28.30	28.10
27.90	30.10	31.20	33.10		
3752528.17	27.80	28.20	27.30	27.90	27.80
27.20	28.00	27.60	27.20		
3752427.16	28.30	27.80	27.00	27.10	27.10
26.70	26.60	27.30	27.20		
3752326.15	26.40	26.60	27.40	27.10	27.00
26.80	27.00	27.20	27.10		
3752225.14	26.50	26.50	26.50	28.20	26.50
27.00	27.20	27.30	27.40		
3752124.13	26.60	26.70	26.90	26.40	26.80
26.20	27.10	28.10	28.00		
3752023.12	26.80	26.30	26.20	26.00	26.00
26.80	27.80	27.70	28.60		
3751922.11	25.80	26.10	25.80	25.60	25.50
26.30	26.30	27.30	28.00		
3751821.10	25.70	25.60	25.40	25.10	25.10
26.90	26.60	26.00	27.40		
3751720.09	25.50	26.00	25.50	24.30	24.50
25.40	25.40	25.10	25.30		
3751619.08	25.30	25.60	25.00	24.10	23.70
23.40	24.90	23.70	24.10		

3751518.07		25.10	25.20	24.70	23.70	23.30	23.00	23.50	24.50	24.10	
3751417.06		25.00	24.90	24.60	23.90	23.80	23.40	23.10	23.30	23.60	
3751316.05		25.40	24.90	24.40	23.90	23.30	22.80	23.00	22.80	23.50	
3751215.04		25.10	25.00	24.90	23.80	23.30	22.60	22.30	22.70	22.40	
3751114.03		25.40	24.60	24.20	23.50	23.50	22.90	22.40	22.20	22.30	
3751013.02		32.20	26.10	23.50	23.10	23.00	22.50	21.90	21.60	21.40	
3750912.01		32.60	32.40	24.40	23.50	23.40	22.80	22.20	21.50	21.50	
3750811.00		24.40	24.60	25.60	22.90	23.30	22.60	22.20	21.60	21.20	
3750709.99		23.80	24.60	23.60	23.40	23.00	22.50	22.00	21.90	21.10	
3750608.98		23.90	23.60	23.60	26.90	22.90	22.00	21.80	21.80	20.90	
3750507.97		23.20	23.20	23.50	22.90	23.20	22.20	22.20	20.90	20.90	
3750406.96		23.20	23.90	23.00	23.30	22.90	22.50	22.20	21.70	20.80	
3750305.95		22.60	22.80	22.90	23.10	22.60	22.20	21.50	21.30	20.80	
3750204.94		21.90	22.20	22.70	23.00	22.50	21.80	21.30	21.00	20.80	
3750103.93		21.90	22.00	22.20	21.80	21.90	21.30	20.60	21.20	21.00	
3750002.92		21.20	21.60	21.60	21.30	21.20	20.80	20.50	21.10	20.50	
3749901.91		21.20	21.80	21.50	21.10	21.40	21.50	21.20	20.70	20.50	
3749800.90		20.90	21.40	21.70	21.50	21.30	21.30	21.10	20.90	20.50	
3749699.89		20.90	21.30	21.60	21.50	21.10	20.70	20.30	20.20	20.00	
3749598.88		20.90	20.70	21.00	21.20	20.80	20.30	20.00	20.60	19.70	
3749497.87		20.40	20.60	20.90	20.80	20.40	20.50	19.80	20.40	19.80	
3749396.86		19.80	20.30	20.70	20.70	20.10	19.60	20.00	20.00	19.80	
3749295.85		19.70	20.10	20.70	20.00	19.50	19.30	19.90	19.40	19.50	
3749194.84		19.60	20.50	20.30	20.30	18.80	18.40	18.80	19.10	19.10	

*** MODELOPTs: NonDFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)	404079.09	404180.96	404282.83	404384.70	404486.57	404588.44	404690.31
3753134.23	32.50	31.20	32.40	32.40	33.00	32.20	32.00	
3753033.22	32.40	32.00	32.40	33.60	33.40	31.00	30.50	
3752932.21	31.40	30.30	31.80	33.50	33.50	31.50	30.70	
3752831.20	35.60	30.00	31.60	33.20	33.30	31.20	30.40	
3752730.19	33.80	29.90	31.20	33.00	33.00	31.00	30.10	
3752629.18	28.10	29.60	30.90	32.00	32.90	31.20	29.50	
3752528.17	28.20	28.20	31.10	32.00	31.20	31.10	29.30	
3752427.16	28.00	28.00	28.80	31.40	30.50	29.30	28.20	
3752326.15	27.90	28.30	28.50	28.50	28.40	28.70	28.10	
3752225.14	27.90	27.30	27.70	28.20	27.90	28.40	28.50	
3752124.13	27.90	28.10	28.20	28.40	28.10	28.60	31.10	
3752023.12	28.60	28.40	28.30	28.50	31.50	33.00	34.90	
3751922.11	28.90	29.10	29.40	30.00	31.00	32.60	34.30	
3751821.10	28.60	28.40	28.90	29.80	30.90	32.00	33.10	
3751720.09	26.50	28.40	28.00	29.20	29.30	31.00	31.80	
3751619.08	25.30	25.20	28.60	27.90	28.70	30.70	31.70	

3751518.07	24.50	24.90	24.70	25.00	29.10
30.10	31.30				
3751417.06	24.30	24.80	24.50	24.40	25.60
29.80	29.20				
3751316.05	23.50	24.10	23.90	24.20	24.20
24.70	25.90				
3751215.04	23.90	24.00	23.90	24.00	23.80
24.40	25.40				
3751114.03	22.00	23.80	24.10	24.00	24.00
24.00	25.00				
3751013.02	21.70	22.30	23.90	23.80	24.00
24.00	24.00				
3750912.01	21.50	21.90	22.10	23.40	23.70
23.20	23.80				
3750811.00	21.60	21.60	21.80	21.50	23.60
23.70	23.60				
3750709.99	22.00	21.90	21.30	21.50	22.30
22.20	22.60				
3750608.98	21.80	21.00	21.40	21.70	22.40
22.30	21.50				
3750507.97	21.90	21.00	20.30	20.40	20.80
20.30	20.90				
3750406.96	21.90	21.40	20.60	20.90	20.40
20.00	20.10				
3750305.95	21.00	20.80	29.80	20.00	24.30
20.40	20.60				
3750204.94	24.20	28.60	29.80	25.70	21.80
19.90	20.10				
3750103.93	20.10	20.40	20.20	22.40	19.80
20.00	20.50				
3750002.92	20.10	19.50	20.40	20.30	22.20
20.40	19.80				
3749901.91	20.80	19.80	19.20	19.30	18.90
18.90	19.60				
3749800.90	20.80	19.60	18.60	18.10	20.40
18.90	18.60				
3749699.89	20.10	20.30	17.30	17.60	18.60
18.60	18.90				
3749598.88	19.80	20.00	19.30	19.30	18.40
17.90	18.20				
3749497.87	19.30	19.40	18.60	18.50	18.00
18.40	18.30				
3749396.86	20.60	18.40	18.30	18.50	17.70
18.20	17.20				
3749295.85	18.80	18.40	18.30	17.90	17.70
17.80	18.10				
3749194.84	19.30	17.70	17.60	17.60	17.60
18.00	17.90				

*** MODELOPTs: NonDFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

(403008.6, 3751235.1, 24.5, 24.5, 0.0); (403210.2, 3751439.4, 25.0, 25.0, 0.0);
(403635.2, 3751113.7, 23.0, 23.0, 0.0); (403415.2, 3751147.2, 24.4, 24.4, 0.0);
(403600.5, 3751145.6, 23.2, 23.2, 0.0); (403633.5, 3751038.3, 22.8, 22.8, 0.0);
(403008.4, 3751234.9, 24.5, 24.5, 0.0); (403210.2, 3751439.6, 25.0, 25.0, 0.0);

*** MODELOPTs: NonDFAULT CONC ELEV FASTALL URBAN ADJ_U*

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***

(1=YES; 0=NO)

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

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

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

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: NonDFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

Surface file: KFUL_V9_ADJU\KFUL_v9.SFC
Met Version: 16216
Profile file: KFUL_V9_ADJU\KFUL_v9.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 3166 Upper air station no.: 3190
Name: FULLERTON_MUNICIPAL_AIRPORT Name: UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-4.8	0.098	-9.000	-9.000	-999.	74.	18.0	0.26	2.61	1.00	0.96	322.	10.1	283.8	2.0
12	01	01	1	02	-1.9	0.072	-9.000	-9.000	-999.	47.	18.0	0.26	2.61	1.00	0.52	13.	10.1	283.1	2.0
12	01	01	1	03	-3.1	0.083	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	1.00	0.75	73.	10.1	282.0	2.0
12	01	01	1	04	-4.3	0.094	-9.000	-9.000	-999.	69.	17.3	0.26	2.61	1.00	0.91	98.	10.1	281.4	2.0
12	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.26	2.61	1.00	0.00	0.	10.1	280.9	2.0
12	01	01	1	06	-2.1	0.074	-9.000	-9.000	-999.	48.	17.6	0.26	2.61	1.00	0.55	80.	10.1	280.4	2.0
12	01	01	1	07	-2.8	0.080	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	1.00	0.69	201.	10.1	280.4	2.0
12	01	01	1	08	-1.5	0.066	-9.000	-9.000	-999.	41.	17.0	0.26	2.61	0.54	0.52	72.	10.1	280.9	2.0
12	01	01	1	09	37.4	-9.000	-9.000	-9.000	38.	-999.	-99999.0	0.26	2.61	0.31	0.00	0.	10.1	285.9	2.0
12	01	01	1	10	109.1	0.151	0.713	0.008	121.	141.	-2.9	0.26	2.61	0.24	0.79	268.	10.1	289.9	2.0
12	01	01	1	11	160.5	0.148	1.143	0.005	338.	136.	-1.8	0.26	2.61	0.21	0.70	273.	10.1	294.2	2.0
12	01	01	1	12	186.9	0.156	1.483	0.005	634.	148.	-1.8	0.26	2.61	0.20	0.74	230.	10.1	297.5	2.0
12	01	01	1	13	187.4	0.210	1.777	0.005	1088.	231.	-4.5	0.26	2.61	0.20	1.20	227.	10.1	300.4	2.0

```
 12 01 01   1 14  160.3  0.235  1.833  0.005 1395.  274.     -7.4  0.26
2.61   0.21    1.47  233.   10.1  300.9    2.0
 12 01 01   1 15  109.1  0.197  1.662  0.005 1527.  210.     -6.3  0.26
2.61   0.25    1.20  233.   10.1  302.0    2.0
 12 01 01   1 16   33.3  0.243  1.125  0.005 1548.  288.    -39.2  0.26
2.61   0.33    1.91  229.   10.1  298.1    2.0
 12 01 01   1 17   -9.1  0.141 -9.000 -9.000 -999.  132.     28.3  0.26
2.61   0.60    1.37  212.   10.1  294.2    2.0
 12 01 01   1 18   -4.3  0.094 -9.000 -9.000 -999.   69.     17.5  0.26
2.61   1.00    0.91  190.   10.1  292.0    2.0
 12 01 01   1 19   -2.8  0.079 -9.000 -9.000 -999.   54.     16.3  0.26
2.61   1.00    0.70  302.   10.1  289.2    2.0
 12 01 01   1 20   -4.0  0.091 -9.000 -9.000 -999.   65.     17.0  0.26
2.61   1.00    0.87  338.   10.1  288.1    2.0
 12 01 01   1 21   -6.3  0.113 -9.000 -9.000 -999.   91.     20.5  0.26
2.61   1.00    1.11  304.   10.1  287.0    2.0
 12 01 01   1 22   -3.1  0.082 -9.000 -9.000 -999.   57.     16.3  0.26
2.61   1.00    0.75   76.   10.1  285.4    2.0
 12 01 01   1 23   -2.4  0.076 -9.000 -9.000 -999.   50.     16.7  0.26
2.61   1.00    0.62  306.   10.1  284.9    2.0
 12 01 01   1 24   -3.6  0.087 -9.000 -9.000 -999.   62.     16.6  0.26
2.61   1.00    0.82  318.   10.1  283.8    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01   10.1 1  322.    0.96   283.8   99.0  -99.00  -99.00

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

*** MODELOPTs: NonDFAULT CONC ELEV FASTALL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): A0000097 , A0000098 , A0000099 , A0000100 , A0000117 , A0000118 , A0000119 , A0000120 , A0000110 , A0000111 , A0000112 , A0000113 , A0000114 , A0000115 , A0000121 , A0000122 , A0000123 , A0000124 , A0000125 , A0000126 , A0000127 , A0000128 , A0000066 , A0000067 , A0000068 , A0000069 , A0000070 , A0000071 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS)									
	402245.43	402347.30	402449.17	402551.04	402652.91	402754.78	402856.65	402958.52	403060.39
3753134.23	0.00019	0.00021	0.00023	0.00025	0.00027	0.00030	0.00033	0.00035	0.00038
3753033.22	0.00021	0.00022	0.00024	0.00026	0.00029	0.00032	0.00035	0.00038	0.00041
3752932.21	0.00021	0.00023	0.00025	0.00028	0.00030	0.00033	0.00037	0.00040	0.00044
3752831.20	0.00022	0.00024	0.00026	0.00029	0.00032	0.00035	0.00039	0.00043	0.00048
3752730.19	0.00023	0.00025	0.00028	0.00030	0.00034	0.00037	0.00042	0.00047	0.00052
3752629.18	0.00025	0.00027	0.00029	0.00032	0.00036	0.00040	0.00045	0.00051	0.00057
3752528.17	0.00026	0.00028	0.00031	0.00034	0.00038	0.00043	0.00048	0.00055	0.00062
3752427.16	0.00027	0.00030	0.00033	0.00036	0.00041	0.00046	0.00053	0.00061	0.00070
3752326.15	0.00029	0.00032	0.00035	0.00039	0.00044	0.00050	0.00058	0.00068	0.00080
3752225.14	0.00031	0.00034	0.00038	0.00042	0.00048	0.00055	0.00065	0.00077	0.00093
3752124.13	0.00034	0.00037	0.00041	0.00046	0.00052	0.00062	0.00073	0.00088	0.00108

3752023.12	0.00038	0.00041	0.00045	0.00051	0.00058
0.00070	0.00085	0.00103	0.00126		
3751922.11	0.00043	0.00047	0.00052	0.00058	0.00067
0.00080	0.00098	0.00120	0.00151		
3751821.10	0.00051	0.00056	0.00062	0.00070	0.00081
0.00093	0.00113	0.00141	0.00178		
3751720.09	0.00061	0.00068	0.00075	0.00086	0.00100
0.00116	0.00134	0.00163	0.00207		
3751619.08	0.00074	0.00082	0.00092	0.00107	0.00125
0.00147	0.00166	0.00195	0.00242		
3751518.07	0.00087	0.00101	0.00115	0.00134	0.00158
0.00187	0.00216	0.00248	0.00290		
3751417.06	0.00103	0.00119	0.00141	0.00168	0.00203
0.00243	0.00287	0.00336	0.00384		
3751316.05	0.00118	0.00139	0.00168	0.00207	0.00258
0.00323	0.00398	0.00471	0.00528		
3751215.04	0.00131	0.00155	0.00193	0.00246	0.00322
0.00423	0.00557	0.00705	0.00870		
3751114.03	0.00141	0.00168	0.00211	0.00275	0.00368
0.00499	0.00691	0.00928	0.01207		
3751013.02	0.00144	0.00176	0.00221	0.00287	0.00381
0.00505	0.00667	0.00875	0.01186		
3750912.01	0.00143	0.00171	0.00213	0.00270	0.00345
0.00444	0.00561	0.00692	0.00831		
3750811.00	0.00134	0.00159	0.00191	0.00236	0.00292
0.00361	0.00442	0.00529	0.00602		
3750709.99	0.00123	0.00142	0.00166	0.00198	0.00239
0.00288	0.00341	0.00395	0.00448		
3750608.98	0.00110	0.00124	0.00143	0.00166	0.00192
0.00223	0.00261	0.00298	0.00331		
3750507.97	0.00098	0.00108	0.00121	0.00136	0.00154
0.00176	0.00201	0.00225	0.00249		
3750406.96	0.00086	0.00093	0.00102	0.00112	0.00124
0.00138	0.00154	0.00172	0.00189		
3750305.95	0.00075	0.00081	0.00087	0.00093	0.00102
0.00111	0.00122	0.00134	0.00145		
3750204.94	0.00067	0.00070	0.00074	0.00079	0.00084
0.00090	0.00098	0.00106	0.00114		
3750103.93	0.00059	0.00061	0.00064	0.00067	0.00071
0.00075	0.00080	0.00086	0.00091		
3750002.92	0.00052	0.00054	0.00056	0.00059	0.00061
0.00064	0.00068	0.00071	0.00075		
3749901.91	0.00047	0.00048	0.00050	0.00051	0.00053
0.00056	0.00058	0.00061	0.00063		
3749800.90	0.00042	0.00043	0.00044	0.00046	0.00047
0.00049	0.00051	0.00053	0.00055		
3749699.89	0.00038	0.00039	0.00040	0.00041	0.00043
0.00044	0.00045	0.00047	0.00048		
3749598.88	0.00035	0.00036	0.00037	0.00038	0.00038
0.00040	0.00041	0.00042	0.00043		
3749497.87	0.00032	0.00033	0.00033	0.00034	0.00035
0.00036	0.00037	0.00038	0.00039		
3749396.86	0.00029	0.00030	0.00031	0.00031	0.00032
0.00033	0.00034	0.00035	0.00035		

```
  3749295.85 |       0.00027      0.00028      0.00028      0.00029
0.00030      0.00030      0.00031      0.00032      0.00032
  3749194.84 |       0.00025      0.00026      0.00026      0.00027
0.00027      0.00028      0.00029      0.00029      0.00030
```

*** MODELOPTs: NonDFAULT CONC ELEV FASTALL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): A0000097 , A0000098 , A0000099 , A0000100 , A0000117 ,
A0000118 , A0000119 , A0000120 , A0000110 , A0000111 , A0000112 , A0000113 , A0000114 ,
A0000115 , A0000121 , A0000122 , A0000123 , A0000124 , A0000125 , A0000126 , A0000127 ,
A0000128 , A0000066 , A0000067 , A0000068 , A0000069 , A0000070 , A0000071 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS)									
	403162.26	403264.13	403366.00	403467.87	403569.74	403671.61	403773.48	403875.35	403977.22
3753134.23	0.00041	0.00044	0.00046	0.00049	0.00050	0.00051	0.00051	0.00050	0.00048
3753033.22	0.00044	0.00048	0.00050	0.00053	0.00054	0.00055	0.00055	0.00054	0.00052
3752932.21	0.00048	0.00052	0.00055	0.00058	0.00060	0.00060	0.00060	0.00058	0.00057
3752831.20	0.00052	0.00057	0.00060	0.00064	0.00066	0.00067	0.00066	0.00065	0.00062
3752730.19	0.00057	0.00062	0.00067	0.00071	0.00074	0.00074	0.00074	0.00071	0.00068
3752629.18	0.00063	0.00070	0.00076	0.00081	0.00084	0.00084	0.00083	0.00080	0.00075
3752528.17	0.00071	0.00080	0.00087	0.00094	0.00097	0.00098	0.00094	0.00091	0.00085
3752427.16	0.00081	0.00092	0.00103	0.00111	0.00116	0.00117	0.00113	0.00105	0.00097
3752326.15	0.00094	0.00110	0.00125	0.00137	0.00145	0.00145	0.00138	0.00124	0.00112
3752225.14	0.00111	0.00134	0.00155	0.00174	0.00185	0.00183	0.00170	0.00150	0.00132
3752124.13	0.00133	0.00164	0.00196	0.00225	0.00241	0.00238	0.00213	0.00183	0.00157

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  3752023.12 |       0.00160      0.00204      0.00252      0.00296
0.00321      0.00312      0.00268      0.00225      0.00188
  3751922.11 |       0.00193      0.00249      0.00324      0.00393
0.00428      0.00408      0.00342      0.00280      0.00226
  3751821.10 |       0.00229      0.00304      0.00407      0.00519
0.00577      0.00523      0.00427      0.00348      0.00273
  3751720.09 |       0.00269      0.00358      0.00504      0.00684
0.00768      0.00673      0.00537      0.00427      0.00329
  3751619.08 |       0.00312      0.00417      0.00610      0.00895
0.01026      0.00864      0.00670      0.00518      0.00383
  3751518.07 |       0.00361      0.00481      0.00726      0.01172
0.01370      0.01090      0.00818      0.00579      0.00424
  3751417.06 |       0.00440      0.00556      0.00853      0.01615
0.01942      0.01390      0.00937      0.00646      0.00478
  3751316.05 |       0.00605      0.00708      0.01038      0.02526
0.03108      0.01733      0.01008      0.00703      0.00518
  3751215.04 |       0.01061      0.01311      0.02279      0.05962
0.06494      0.01950      0.01110      0.00815      0.00633
  3751114.03 |       0.01626      0.02324      0.03839      0.06503
0.05945      0.02597      0.01589      0.01117      0.00819
  3751013.02 |       0.01406      0.01797      0.01910      0.01681
0.02005      0.01548      0.01167      0.00922      0.00736
  3750912.01 |       0.00964      0.01020      0.00944      0.00826
0.01059      0.01041      0.00850      0.00693      0.00569
  3750811.00 |       0.00693      0.00690      0.00630      0.00602
0.00726      0.00759      0.00656      0.00542      0.00454
  3750709.99 |       0.00486      0.00505      0.00541      0.00503
0.00553      0.00569      0.00523      0.00434      0.00360
  3750608.98 |       0.00358      0.00373      0.00387      0.00403
0.00458      0.00430      0.00405      0.00352      0.00289
  3750507.97 |       0.00268      0.00284      0.00296      0.00311
0.00333      0.00327      0.00311      0.00277      0.00235
  3750406.96 |       0.00203      0.00219      0.00228      0.00243
0.00253      0.00249      0.00236      0.00217      0.00189
  3750305.95 |       0.00156      0.00169      0.00177      0.00187
0.00193      0.00189      0.00180      0.00166      0.00149
  3750204.94 |       0.00122      0.00130      0.00137      0.00144
0.00148      0.00145      0.00139      0.00129      0.00119
  3750103.93 |       0.00098      0.00103      0.00108      0.00112
0.00115      0.00113      0.00109      0.00103      0.00096
  3750002.92 |       0.00080      0.00083      0.00087      0.00089
0.00091      0.00090      0.00087      0.00084      0.00079
  3749901.91 |       0.00066      0.00069      0.00072      0.00073
0.00074      0.00074      0.00072      0.00070      0.00067
  3749800.90 |       0.00057      0.00059      0.00061      0.00062
0.00062      0.00062      0.00061      0.00060      0.00058
  3749699.89 |       0.00050      0.00051      0.00052      0.00053
0.00054      0.00054      0.00053      0.00052      0.00051
  3749598.88 |       0.00044      0.00045      0.00046      0.00047
0.00047      0.00047      0.00047      0.00046      0.00045
  3749497.87 |       0.00040      0.00041      0.00041      0.00042
0.00042      0.00042      0.00042      0.00042      0.00041
  3749396.86 |       0.00036      0.00037      0.00037      0.00038
0.00038      0.00038      0.00038      0.00038      0.00037
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  3749295.85 |       0.00033      0.00034      0.00034      0.00035
0.00035      0.00035      0.00035      0.00035      0.00034
  3749194.84 |       0.00030      0.00031      0.00031      0.00032
0.00032      0.00032      0.00032      0.00032      0.00032
```

*** MODELOPTs: NonDFAULT CONC ELEV FASTALL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): A0000097 , A0000098 , A0000099 , A0000100 , A0000117 , A0000118 , A0000119 , A0000120 , A0000110 , A0000111 , A0000112 , A0000113 , A0000114 , A0000115 , A0000121 , A0000122 , A0000123 , A0000124 , A0000125 , A0000126 , A0000127 , A0000128 , A0000066 , A0000067 , A0000068 , A0000069 , A0000070 , A0000071 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS)							
	404079.09	404180.96	404282.83	404384.70	404486.57	404588.44	404690.31
3753134.23	0.00047	0.00045	0.00042	0.00040	0.00037	0.00035	0.00033
3753033.22	0.00050	0.00048	0.00045	0.00042	0.00039	0.00037	0.00035
3752932.21	0.00054	0.00051	0.00048	0.00044	0.00041	0.00039	0.00036
3752831.20	0.00058	0.00055	0.00051	0.00047	0.00044	0.00041	0.00038
3752730.19	0.00063	0.00060	0.00055	0.00050	0.00047	0.00043	0.00040
3752629.18	0.00070	0.00065	0.00059	0.00054	0.00049	0.00045	0.00042
3752528.17	0.00078	0.00071	0.00064	0.00058	0.00053	0.00048	0.00044
3752427.16	0.00088	0.00079	0.00070	0.00062	0.00056	0.00051	0.00046
3752326.15	0.00099	0.00087	0.00077	0.00068	0.00060	0.00054	0.00048
3752225.14	0.00115	0.00099	0.00085	0.00074	0.00064	0.00056	0.00050
3752124.13	0.00133	0.00112	0.00094	0.00080	0.00069	0.00059	0.00051

3752023.12	0.00155	0.00127	0.00105	0.00087	0.00071
0.00060	0.00052				
3751922.11	0.00180	0.00144	0.00116	0.00093	0.00076
0.00064	0.00054				
3751821.10	0.00211	0.00164	0.00127	0.00101	0.00082
0.00068	0.00058				
3751720.09	0.00245	0.00182	0.00142	0.00112	0.00091
0.00073	0.00062				
3751619.08	0.00276	0.00212	0.00166	0.00125	0.00099
0.00079	0.00067				
3751518.07	0.00317	0.00241	0.00187	0.00146	0.00109
0.00089	0.00075				
3751417.06	0.00354	0.00268	0.00213	0.00170	0.00133
0.00110	0.00088				
3751316.05	0.00410	0.00322	0.00252	0.00196	0.00155
0.00125	0.00103				
3751215.04	0.00472	0.00377	0.00287	0.00219	0.00170
0.00135	0.00111				
3751114.03	0.00600	0.00430	0.00326	0.00242	0.00184
0.00144	0.00118				
3751013.02	0.00574	0.00440	0.00330	0.00249	0.00190
0.00148	0.00120				
3750912.01	0.00465	0.00372	0.00292	0.00230	0.00180
0.00144	0.00118				
3750811.00	0.00373	0.00303	0.00246	0.00200	0.00163
0.00133	0.00111				
3750709.99	0.00304	0.00251	0.00206	0.00169	0.00141
0.00120	0.00103				
3750608.98	0.00244	0.00204	0.00172	0.00145	0.00121
0.00104	0.00093				
3750507.97	0.00197	0.00166	0.00142	0.00122	0.00104
0.00093	0.00083				
3750406.96	0.00161	0.00136	0.00118	0.00104	0.00091
0.00082	0.00074				
3750305.95	0.00131	0.00112	0.00099	0.00088	0.00079
0.00072	0.00066				
3750204.94	0.00107	0.00095	0.00085	0.00074	0.00069
0.00064	0.00059				
3750103.93	0.00088	0.00080	0.00073	0.00067	0.00061
0.00057	0.00053				
3750002.92	0.00074	0.00069	0.00064	0.00059	0.00054
0.00052	0.00049				
3749901.91	0.00064	0.00060	0.00056	0.00053	0.00050
0.00047	0.00044				
3749800.90	0.00056	0.00053	0.00050	0.00048	0.00045
0.00043	0.00041				
3749699.89	0.00049	0.00048	0.00045	0.00043	0.00041
0.00039	0.00038				
3749598.88	0.00044	0.00043	0.00041	0.00040	0.00038
0.00036	0.00035				
3749497.87	0.00040	0.00039	0.00038	0.00037	0.00035
0.00034	0.00033				
3749396.86	0.00037	0.00036	0.00035	0.00034	0.00033
0.00031	0.00030				

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  3749295.85 |       0.00034      0.00033      0.00032      0.00031
0.00030      0.00029      0.00028
  3749194.84 |       0.00031      0.00031      0.00030      0.00029
0.00028      0.00028      0.00027
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*** MODELOPTs: NonDFAULT CONC ELEV FASTALL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): A0000097 , A0000098 , A0000099 , A0000100 , A0000117 ,
A0000118 , A0000119 , A0000120 , A0000110 , A0000111 , A0000112 , A0000113 , A0000114 ,
A0000115 , A0000121 , A0000122 , A0000123 , A0000124 , A0000125 , A0000126 , A0000127 ,
A0000128 , A0000066 , A0000067 , A0000068 , A0000069 , A0000070 , A0000071 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
403008.61	3751235.14	0.00718	403210.21	3751439.36	0.00462
403635.16	3751113.73	0.03581	403415.16	3751147.23	0.04249
403600.54	3751145.56	0.04778	403633.48	3751038.35	0.02446
403008.39	3751234.87	0.00719	403210.21	3751439.62	0.00462

*** MODELOPTs: NonDFAULT CONC ELEV FASTALL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): A0000097 , A0000098 , A0000099 , A0000100 , A0000117 , A0000118 , A0000119 , A0000120 , A0000110 , A0000111 , A0000112 , A0000113 , A0000114 , A0000115 , A0000121 , A0000122 , A0000123 , A0000124 , A0000125 , A0000126 , A0000127 , A0000128 , A0000066 , A0000067 , A0000068 , A0000069 , A0000070 , A0000071 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS)			
	402245.43	402347.30	402449.17	402551.04	402652.91
3753134.2	0.01042 (14091706)	0.01046 (14091706)	0.00941 (13090404)	0.00986 (13090404)	0.01023 (13090106)
3753033.2	0.00920 (14091706)	0.01108 (14091706)	0.00985 (12052001)	0.01021 (13090404)	0.01048 (13090106)
3752932.2	0.01003 (12052806)	0.01037 (14091706)	0.01102 (14091706)	0.01085 (13090404)	0.01088 (13090106)
3752831.2	0.01051 (12052806)	0.01071 (12052806)	0.01121 (14091706)	0.01135 (12052001)	0.01170 (13090404)
3752730.2	0.01083 (12052806)	0.01133 (12052806)	0.01167 (14091706)	0.01211 (14091706)	0.01235 (12052001)
3752629.2	0.01108 (12052806)	0.01201 (12052806)	0.01252 (12052806)	0.01294 (14091706)	0.01324 (12052001)
3752528.2	0.01157 (15011808)	0.01242 (12052806)	0.01336 (12052806)	0.01407 (12052806)	0.01517 (14091706)
3752427.2	0.01216 (13020219)	0.01283 (15011808)	0.01407 (12052806)	0.01548 (12052806)	0.01653 (14091706)
3752326.1	0.01271 (13081403)	0.01370 (13020219)	0.01489 (15063005)	0.01687 (12052806)	0.01868 (13091404)
3752225.1	0.01387 (12091705)	0.01498 (13081403)	0.01667 (15011808)	0.01895 (15063005)	0.02169 (12052806)
3752124.1	0.01489 (14070606)	0.01638 (12091705)	0.01842 (12060104)	0.02218 (15011808)	0.02705 (15063005)

3752023.1	0.01592 (14070606)	0.01829 (14070606)	0.02154 (12091705)	0.02614 (12060104)	0.03333 (15011808)
3751922.1	0.01755 (12120108)	0.01992 (12071006)	0.02468 (14070606)	0.03123 (12091705)	0.03937 (12060104)
3751821.1	0.01857 (12080805)	0.02202 (13060104)	0.02806 (12081705)	0.03640 (16110420)	0.04840 (12091401)
3751720.1	0.01973 (12102723)	0.02496 (15082805)	0.03248 (12080805)	0.04280 (12081705)	0.05689 (12010318)
3751619.1	0.02132 (13020208)	0.02726 (14092006)	0.03578 (14102902)	0.05090 (15082805)	0.06794 (12010222)
3751518.1	0.02307 (13030223)	0.02953 (13101623)	0.03989 (14071205)	0.05567 (14092006)	0.07689 (15010821)
3751417.1	0.02247 (12092505)	0.02857 (12102403)	0.04190 (12102403)	0.06151 (12102403)	0.08759 (15090605)
3751316.0	0.02255 (12120901)	0.02956 (13110421)	0.04175 (13110421)	0.05917 (12100122)	0.08412 (12100122)
3751215.0	0.02154 (12120708)	0.02760 (12120708)	0.03946 (15043003)	0.05710 (15043003)	0.08378 (15043003)
3751114.0	0.02278 (12011208)	0.02956 (12011208)	0.04140 (12011208)	0.05988 (12011208)	0.08733 (12011208)
3751013.0	0.02459 (13013108)	0.03368 (13013108)	0.04743 (14091404)	0.06861 (14091404)	0.09644 (14012121)
3750912.0	0.02396 (16121408)	0.03221 (16121408)	0.04499 (13101621)	0.06400 (16082906)	0.09023 (12090705)
3750811.0	0.02207 (14011720)	0.02929 (16080106)	0.04086 (16080106)	0.05729 (16111119)	0.07990 (12030422)
3750710.0	0.02049 (16111119)	0.02664 (15080505)	0.03598 (16111421)	0.04943 (15013005)	0.06857 (13092402)
3750609.0	0.01867 (12051402)	0.02364 (15013005)	0.03137 (13092402)	0.04231 (15102501)	0.05754 (14100220)
3750508.0	0.01712 (13092402)	0.02114 (14091403)	0.02707 (15091105)	0.03529 (12081906)	0.04683 (15101220)
3750407.0	0.01567 (13071005)	0.01851 (12081906)	0.02281 (13100724)	0.02913 (15101220)	0.03705 (12090103)
3750305.9	0.01421 (13100724)	0.01646 (15101003)	0.01972 (12083006)	0.02386 (12090103)	0.02981 (16081406)
3750204.9	0.01317 (15101220)	0.01472 (12083006)	0.01693 (12090103)	0.01995 (14100322)	0.02399 (14091705)
3750103.9	0.01202 (12083006)	0.01324 (12090103)	0.01492 (14100322)	0.01706 (14091705)	0.01955 (15081105)
3750002.9	0.01118 (13092401)	0.01219 (12073006)	0.01340 (12073006)	0.01465 (13100707)	0.01664 (16100807)
3749901.9	0.01057 (12073006)	0.01135 (12073006)	0.01207 (13100707)	0.01325 (16100807)	0.01429 (13073006)
3749800.9	0.01000 (12073006)	0.01047 (13100707)	0.01126 (16100807)	0.01198 (13073006)	0.01289 (15101507)
3749699.9	0.00933 (13100707)	0.00994 (16100807)	0.01054 (16100807)	0.01102 (15101507)	0.01180 (15101507)
3749598.9	0.00890 (16100807)	0.00941 (16100807)	0.00971 (13073006)	0.01038 (15101507)	0.01076 (15101507)
3749497.9	0.00852 (16100807)	0.00883 (16100807)	0.00929 (15101507)	0.00970 (15101507)	0.00981 (15101507)
3749396.9	0.00807 (16100807)	0.00836 (15101507)	0.00879 (15101507)	0.00901 (15101507)	0.00918 (14102207)

3749295.8	0.00757 (15101507)	0.00801 (15101507)	0.00828 (15101507)	0.00834 (15101507)	0.00859 (14102207)
3749194.8	0.00731 (15101507)	0.00761 (15101507)	0.00775 (15101507)	0.00788 (14102207)	0.00814 (15051006)

*** MODELOPTs: NonDFAULT CONC ELEV FASTALL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): A0000097 , A0000098 , A0000099 , A0000100 , A0000117 , A0000118 , A0000119 , A0000120 , A0000110 , A0000111 , A0000112 , A0000113 , A0000114 , A0000115 , A0000121 , A0000122 , A0000123 , A0000124 , A0000125 , A0000126 , A0000127 , A0000128 , A0000066 , A0000067 , A0000068 , A0000069 , A0000070 , A0000071 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS)			
	402754.78	402856.65	402958.52	403060.39	403162.26
3753134.2	0.01047 (16092722)	0.01054 (16092722)	0.01062 (13051403)	0.01093 (13050106)	0.01109 (13050106)
3753033.2	0.01068 (13090106)	0.01085 (16092722)	0.01091 (13051403)	0.01111 (16121104)	0.01143 (13050106)
3752932.2	0.01141 (13090106)	0.01184 (16092722)	0.01218 (15101506)	0.01243 (16121104)	0.01293 (13050106)
3752831.2	0.01244 (13090106)	0.01277 (16092722)	0.01340 (16092722)	0.01356 (16121104)	0.01429 (13050106)
3752730.2	0.01340 (13090106)	0.01391 (13090106)	0.01436 (16092722)	0.01468 (13051403)	0.01559 (13050106)
3752629.2	0.01411 (13090404)	0.01532 (13090106)	0.01583 (16092722)	0.01680 (14071923)	0.01773 (16121104)
3752528.2	0.01597 (12052001)	0.01710 (13090106)	0.01851 (12010620)	0.02053 (15101506)	0.02205 (16121104)
3752427.2	0.01793 (14091706)	0.02017 (13090404)	0.02311 (13090106)	0.02587 (16092722)	0.02724 (12042202)
3752326.1	0.02219 (14091706)	0.02451 (12052001)	0.02880 (15072603)	0.03227 (12013022)	0.03607 (14071923)
3752225.1	0.02695 (13091404)	0.03086 (12112923)	0.03650 (13090404)	0.04458 (14101806)	0.05060 (15101506)
3752124.1	0.03140 (12120906)	0.04062 (12042423)	0.04900 (12080804)	0.06271 (15072603)	0.07051 (16092722)

3752023.1	0.04092 (15063005)	0.05093 (14040721)	0.06619 (14091706)
	0.07976 (13090404)	0.09821 (13071102)	
3751922.1	0.05273 (15011808)	0.06536 (16012304)	0.08827 (13091404)
	0.10791 (12080804)	0.13734 (15072603)	
3751821.1	0.06357 (12060104)	0.08734 (15011808)	0.10733 (15110303)
	0.14124 (12042423)	0.16618 (15072603)	
3751720.1	0.08043 (12091401)	0.10282 (12052801)	0.14046 (15011808)
	0.16820 (14040721)	0.21279 (12112923)	
3751619.1	0.09331 (12081705)	0.12594 (12091401)	0.16355 (12052801)
	0.21185 (15011808)	0.26671 (16081404)	
3751518.1	0.11138 (15082805)	0.14352 (13022124)	0.19016 (12012301)
	0.24032 (12052801)	0.30142 (12091006)	
3751417.1	0.12036 (12090406)	0.15970 (13053004)	0.21709 (15082805)
	0.27047 (13090605)	0.33079 (16101205)	
3751316.0	0.11951 (15032621)	0.16908 (14011824)	0.22812 (15090605)
	0.28568 (12090406)	0.35701 (13051205)	
3751215.0	0.12131 (15043003)	0.16864 (13101524)	0.22410 (13101524)
	0.28636 (13020118)	0.35221 (16100724)	
3751114.0	0.12527 (12011208)	0.17665 (12011208)	0.23563 (12011208)
	0.30355 (13112005)	0.38089 (12101407)	
3751013.0	0.13685 (12091423)	0.18462 (12101621)	0.24007 (12101420)
	0.31084 (12101721)	0.37785 (12101521)	
3750912.0	0.12586 (12101721)	0.16733 (12103023)	0.22337 (15101001)
	0.28165 (12110520)	0.33955 (12101524)	
3750811.0	0.11138 (15092101)	0.14730 (12110520)	0.19492 (14100220)
	0.24212 (15101706)	0.28922 (16092106)	
3750710.0	0.09453 (13071005)	0.12647 (12081906)	0.16154 (15031420)
	0.20094 (16081406)	0.23520 (15092306)	
3750609.0	0.07647 (14112718)	0.10159 (15031420)	0.13113 (16081406)
	0.15959 (15031621)	0.17953 (13030120)	
3750508.0	0.06137 (16100106)	0.08099 (16081406)	0.10116 (16061905)
	0.12269 (14100323)	0.13919 (15100304)	
3750407.0	0.04837 (16081406)	0.06126 (12100302)	0.07606 (13073006)
	0.09065 (16061901)	0.10431 (14101001)	
3750305.9	0.03741 (12100302)	0.04675 (16062001)	0.05506 (16030423)
	0.06711 (15090805)	0.07236 (15101306)	
3750204.9	0.02899 (15081105)	0.03485 (14090906)	0.04150 (16061901)
	0.04850 (16091006)	0.05202 (15092105)	
3750103.9	0.02311 (13073006)	0.02627 (12011220)	0.03122 (15090805)
	0.03423 (15101306)	0.03846 (14100423)	
3750002.9	0.01836 (16030423)	0.02098 (15101507)	0.02381 (16091006)
	0.02560 (15092403)	0.02801 (13122408)	
3749901.9	0.01592 (15101507)	0.01718 (15090805)	0.01852 (15021020)
	0.02007 (15092105)	0.02177 (15092006)	
3749800.9	0.01376 (15101507)	0.01464 (14102207)	0.01559 (15051006)
	0.01651 (14100423)	0.01716 (15092006)	
3749699.9	0.01208 (12031407)	0.01271 (15021020)	0.01349 (15051006)
	0.01410 (13122408)	0.01452 (14031607)	
3749598.9	0.01106 (14102207)	0.01160 (15051006)	0.01203 (13120908)
	0.01240 (13122408)	0.01274 (13032007)	
3749497.9	0.01014 (15051006)	0.01063 (15051006)	0.01093 (12052206)
	0.01123 (12070906)	0.01153 (16072506)	
3749396.9	0.00954 (15051006)	0.00984 (13120908)	0.01004 (13122408)
	0.01028 (12070906)	0.01057 (16072506)	

3749295.8	0.00896 (15051006)	0.00917 (13120908)	0.00933 (13122408)	0.00951 (13032007)	0.00978 (16072506)
3749194.8	0.00839 (13120908)	0.00856 (12052206)	0.00873 (12070906)	0.00887 (13032007)	0.00909 (16072506)

*** MODELOPTs: NonDFAULT CONC ELEV FASTALL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): A0000097 , A0000098 , A0000099 , A0000100 , A0000117 , A0000118 , A0000119 , A0000120 , A0000110 , A0000111 , A0000112 , A0000113 , A0000114 , A0000115 , A0000121 , A0000122 , A0000123 , A0000124 , A0000125 , A0000126 , A0000127 , A0000128 , A0000066 , A0000067 , A0000068 , A0000069 , A0000070 , A0000071 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS)		
	403264.13	403366.00	403467.87	403569.74	403671.61
3753134.2	0.01132 (16083023)	0.01127 (16102619)	0.01171 (13090104)	0.01158 (13090403)	0.01239 (13072204)
3753033.2	0.01200 (16083023)	0.01197 (16102619)	0.01216 (13090104)	0.01251 (13090403)	0.01271 (13072204)
3752932.2	0.01320 (16083023)	0.01339 (16102619)	0.01367 (13090104)	0.01413 (13090403)	0.01372 (13072204)
3752831.2	0.01449 (16083023)	0.01414 (16102619)	0.01462 (13090104)	0.01481 (13090403)	0.01518 (13072204)
3752730.2	0.01628 (16083023)	0.01635 (16102619)	0.01703 (13090104)	0.01722 (13090403)	0.01696 (12091304)
3752629.2	0.01884 (13070502)	0.01939 (16102619)	0.02068 (13090104)	0.02055 (13090403)	0.01990 (12091304)
3752528.2	0.02352 (15050424)	0.02407 (12071005)	0.02658 (13090104)	0.02646 (16080105)	0.02524 (12091304)
3752427.2	0.03105 (13050106)	0.03221 (14112618)	0.03612 (13090104)	0.03611 (16080105)	0.03393 (12091304)
3752326.1	0.04299 (13050106)	0.04520 (14012520)	0.05196 (13090104)	0.05188 (16080105)	0.04758 (14052805)
3752225.1	0.06006 (13080105)	0.06463 (14012520)	0.07697 (13090802)	0.07517 (16080105)	0.06929 (14120402)
3752124.1	0.08697 (13080105)	0.09426 (16083023)	0.11147 (13090802)	0.10994 (13012218)	0.09907 (14120402)

3752023.1	0.11354 (13080105)	0.13311 (12112219)	0.15944 (13090802)
	0.15592 (13012218)	0.14251 (14022024)	
3751922.1	0.15083 (15101506)	0.18509 (13070603)	0.22025 (13090802)
	0.21197 (13012218)	0.19735 (12073005)	
3751821.1	0.20478 (12091506)	0.24729 (13050106)	0.29159 (13090802)
	0.27881 (12100822)	0.26003 (16082103)	
3751720.1	0.26119 (13020502)	0.31797 (13080105)	0.37390 (12071005)
	0.35715 (12100822)	0.33283 (13090505)	
3751619.1	0.30895 (15072603)	0.37550 (12103103)	0.46297 (13051303)
	0.42900 (12100822)	0.36530 (13062803)	
3751518.1	0.36430 (12011508)	0.42858 (12091506)	0.54454 (13051303)
	0.51271 (12120203)	0.43845 (13090704)	
3751417.1	0.39253 (13030703)	0.46850 (12120704)	0.63051 (13051303)
	0.62058 (13121719)	0.47182 (12081404)	
3751316.0	0.43190 (14070606)	0.54089 (14021301)	0.73879 (14011019)
	0.72111 (12121802)	0.52049 (13090402)	
3751215.0	0.44119 (12121008)	0.68719 (12121508)	0.68224 (12103103)
	0.57211 (12121303)	0.55543 (14072603)	
3751114.0	0.47689 (12101407)	0.63562 (12091424)	0.45374 (12100104)
	0.49430 (12090804)	0.49274 (13051224)	
3751013.0	0.46255 (12080906)	0.52303 (13092722)	0.41017 (13082206)
	0.52841 (12082802)	0.49934 (12093003)	
3750912.0	0.38954 (16092106)	0.37675 (15101305)	0.28237 (14091001)
	0.39495 (12101419)	0.42682 (13083004)	
3750811.0	0.32644 (15101305)	0.30871 (12120403)	0.23025 (15101322)
	0.32448 (14092324)	0.35121 (15082906)	
3750710.0	0.25421 (16092906)	0.24086 (12080806)	0.21553 (15101322)
	0.25158 (15090804)	0.27599 (12091501)	
3750609.0	0.19740 (14101001)	0.19417 (14091001)	0.18356 (12101620)
	0.20618 (12082602)	0.22113 (14091103)	
3750508.0	0.14403 (15091006)	0.13660 (14091001)	0.14644 (15092603)
	0.16354 (14101504)	0.17299 (15091204)	
3750407.0	0.10956 (14100423)	0.10153 (15031023)	0.11426 (15092603)
	0.12322 (14091504)	0.12465 (15091204)	
3750305.9	0.07955 (16092923)	0.07703 (14082801)	0.08503 (15092603)
	0.09097 (15082406)	0.08766 (12101720)	
3750204.9	0.05636 (16092923)	0.05754 (14091622)	0.06179 (15092603)
	0.06529 (15082406)	0.06356 (12101720)	
3750103.9	0.03922 (15092103)	0.04208 (14091622)	0.04427 (14030721)
	0.04599 (15082406)	0.04548 (15101324)	
3750002.9	0.02900 (15092103)	0.03078 (15082602)	0.03229 (14030721)
	0.03270 (15082406)	0.03291 (15101324)	
3749901.9	0.02238 (16072506)	0.02366 (15082602)	0.02424 (15092202)
	0.02446 (16092824)	0.02447 (12092503)	
3749800.9	0.01813 (16072506)	0.01875 (15082602)	0.01906 (15091104)
	0.01912 (14072403)	0.01896 (12092503)	
3749699.9	0.01521 (16072506)	0.01544 (15082602)	0.01566 (15091104)
	0.01564 (14072403)	0.01548 (13051106)	
3749598.9	0.01317 (16072506)	0.01324 (13012418)	0.01340 (15091104)
	0.01335 (14072403)	0.01331 (13051106)	
3749497.9	0.01174 (16072506)	0.01174 (13012418)	0.01184 (15091104)
	0.01179 (14072403)	0.01183 (14011608)	
3749396.9	0.01065 (16072506)	0.01063 (13012418)	0.01071 (15091104)
	0.01065 (14072403)	0.01072 (14011608)	

3749295.8	0.00977 (16072506)	0.00977 (13012418)	0.00982 (15091104)
	0.00976 (14072403)	0.00986 (14011608)	
3749194.8	0.00910 (12061706)	0.00905 (13012418)	0.00910 (15091104)
	0.00903 (14072403)	0.00913 (14011608)	

*** MODELOPTs: NonDFAULT CONC ELEV FASTALL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): A0000097 , A0000098 , A0000099 , A0000100 , A0000117 , A0000118 , A0000119 , A0000120 , A0000110 , A0000111 , A0000112 , A0000113 , A0000114 , A0000115 , A0000121 , A0000122 , A0000123 , A0000124 , A0000125 , A0000126 , A0000127 , A0000128 , A0000066 , A0000067 , A0000068 , A0000069 , A0000070 , A0000071 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS)			
	403773.48	403875.35	403977.22	404079.09	404180.96
3753134.2	0.01216 (12091304)	0.01166 (12091704)	0.01169 (13071504)	0.01178 (12081206)	0.01110 (13061903)
3753033.2	0.01253 (12091304)	0.01230 (12091704)	0.01249 (13071504)	0.01248 (12081206)	0.01169 (13061903)
3752932.2	0.01365 (12091304)	0.01150 (12091704)	0.01399 (13071504)	0.01318 (12081206)	0.01238 (14120808)
3752831.2	0.01503 (13091402)	0.01473 (12091704)	0.01554 (12081206)	0.01543 (13061903)	0.01323 (14120808)
3752730.2	0.01706 (12010118)	0.01727 (13071504)	0.01710 (12081206)	0.01636 (12081501)	0.01451 (16100921)
3752629.2	0.02010 (12010118)	0.02007 (13071504)	0.01828 (12081206)	0.01614 (12091824)	0.01598 (13081906)
3752528.2	0.02108 (12091704)	0.02260 (13090505)	0.01996 (13061903)	0.01910 (16100921)	0.01752 (12093021)
3752427.2	0.03189 (12091704)	0.02914 (13090505)	0.02503 (12081501)	0.02337 (13081906)	0.02034 (12081622)
3752326.1	0.04476 (13092604)	0.03774 (12081206)	0.03286 (12091824)	0.02938 (16080102)	0.02517 (13090321)
3752225.1	0.06536 (13071504)	0.05213 (13061903)	0.04603 (13081906)	0.03621 (12081622)	0.03094 (12082606)
3752124.1	0.09428 (13090505)	0.07307 (13081505)	0.06358 (16080102)	0.04980 (13090624)	0.04087 (15081501)

3752023.1 | 0.12288 (13090505) 0.10378 (12081205) 0.08045 (13090321) 0.06628 (15051824) 0.05034 (13042503)
3751922.1 | 0.15847 (12091901) 0.14028 (13062103) 0.10809 (12091105) 0.08674 (13110301) 0.06626 (14081802)
3751821.1 | 0.20557 (13102822) 0.16831 (13090321) 0.14221 (12081003) 0.10787 (13070701) 0.08662 (13072606)
3751720.1 | 0.27169 (15090723) 0.21699 (12082006) 0.16711 (16090504) 0.13767 (13072606) 0.10071 (13081804)
3751619.1 | 0.30067 (13090805) 0.24784 (12082002) 0.20891 (13072606) 0.15824 (12090805) 0.12251 (13052523)
3751518.1 | 0.36668 (12081003) 0.29865 (15072401) 0.23483 (13070824) 0.18398 (13082905) 0.14130 (13090701)
3751417.1 | 0.39588 (13042502) 0.32914 (12072003) 0.26345 (12091101) 0.21147 (13083002) 0.15353 (13062601)
3751316.0 | 0.42835 (13082905) 0.35261 (13083002) 0.27519 (12083103) 0.22351 (15081423) 0.16513 (15081423)
3751215.0 | 0.44153 (12121805) 0.35597 (13083104) 0.28826 (12090803) 0.21773 (15101321) 0.17235 (12090404)
3751114.0 | 0.39739 (12090401) 0.33197 (15082704) 0.26348 (15082704) 0.19713 (12071405) 0.13894 (13041922)
3751013.0 | 0.41444 (15091103) 0.32165 (12091023) 0.25765 (12040421) 0.18874 (12083123) 0.14337 (12081806)
3750912.0 | 0.36830 (13063023) 0.30424 (15081604) 0.24820 (12091523) 0.18981 (12091024) 0.14410 (12091023)
3750811.0 | 0.31976 (15092524) 0.27097 (12091002) 0.21713 (13082920) 0.17128 (14011618) 0.12996 (12082422)
3750710.0 | 0.26247 (15071905) 0.22908 (12101719) 0.18285 (12091002) 0.14650 (13082920) 0.11027 (12081606)
3750609.0 | 0.21110 (15081524) 0.18032 (14091402) 0.15215 (12081004) 0.11980 (15102719) 0.09037 (14101023)
3750508.0 | 0.16010 (15091102) 0.14013 (14090704) 0.11623 (12092504) 0.09625 (12081004) 0.07327 (15102719)
3750407.0 | 0.12005 (15091101) 0.10789 (15081524) 0.08906 (15071905) 0.07306 (14091623) 0.05730 (12081004)
3750305.9 | 0.08534 (14091103) 0.07747 (15091102) 0.06573 (16091801) 0.05449 (14091205) 0.04374 (12091520)
3750204.9 | 0.06144 (13071801) 0.05518 (14092604) 0.04880 (15081524) 0.04105 (14051502) 0.03377 (14090706)
3750103.9 | 0.04441 (15091204) 0.04043 (15091101) 0.03515 (15091201) 0.03037 (14082106) 0.02595 (14091205)
3750002.9 | 0.03106 (15091204) 0.02901 (14103003) 0.02622 (16090802) 0.02338 (15081524) 0.02028 (15081101)
3749901.9 | 0.02303 (15090705) 0.02211 (15042924) 0.02044 (15081406) 0.01854 (14100523) 0.01671 (14082106)
3749800.9 | 0.01842 (12101720) 0.01756 (15091204) 0.01664 (15101402) 0.01550 (15091201) 0.01428 (16102403)
3749699.9 | 0.01519 (12101720) 0.01469 (16072006) 0.01387 (16081306) 0.01327 (14092604) 0.01257 (15090624)
3749598.9 | 0.01301 (12101720) 0.01285 (16072006) 0.01228 (13012008) 0.01182 (15101402) 0.01136 (15091201)
3749497.9 | 0.01155 (16072323) 0.01148 (16072006) 0.01107 (13012008) 0.01073 (15101402) 0.01034 (15091201)
3749396.9 | 0.01050 (16072323) 0.01042 (16072006) 0.01023 (16072006) 0.00987 (13012008) 0.00956 (15081406)

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 3749295.8 |      0.00965 (16072323)      0.00956 (16072006)      0.00950
(16072006)      0.00920 (13012008)      0.00894 (15101402)
 3749194.8 |      0.00893 (16072323)      0.00886 (12101720)      0.00886
(16072006)      0.00861 (13012008)      0.00836 (15101402)
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*** MODELOPTs: NonDFAULT CONC ELEV FASTALL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): A0000097 , A0000098 , A0000099 , A0000100 , A0000117 , A0000118 , A0000119 , A0000120 , A0000110 , A0000111 , A0000112 , A0000113 , A0000114 , A0000115 , A0000121 , A0000122 , A0000123 , A0000124 , A0000125 , A0000126 , A0000127 , A0000128 , A0000066 , A0000067 , A0000068 , A0000069 , A0000070 , A0000071 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS)			
	404282.83	404384.70	404486.57	404588.44	404690.31
3753134.2	0.01120 (14120808)	0.01094 (16100921)	0.01090 (13072706)	0.01038 (13090321)	0.00992 (13071301)
3753033.2	0.01191 (16100921)	0.01195 (13072706)	0.01158 (12081622)	0.01060 (13090321)	0.00993 (13083106)
3752932.2	0.01255 (16100921)	0.01274 (13072706)	0.01234 (13090321)	0.01120 (13071301)	0.01063 (15081501)
3752831.2	0.01338 (12093021)	0.01345 (12081622)	0.01299 (13090321)	0.01174 (13083106)	0.01113 (12082924)
3752730.2	0.01436 (13072706)	0.01442 (13090321)	0.01352 (12082606)	0.01249 (15081501)	0.01171 (12082924)
3752629.2	0.01561 (12081622)	0.01508 (13090321)	0.01460 (15081501)	0.01343 (12082924)	0.01242 (13063006)
3752528.2	0.01754 (13090321)	0.01639 (13083106)	0.01519 (12082924)	0.01447 (13063006)	0.01323 (13063006)
3752427.2	0.01858 (13071205)	0.01827 (15081501)	0.01598 (16072904)	0.01505 (13063006)	0.01331 (13063006)
3752326.1	0.02195 (15081501)	0.01916 (12082924)	0.01734 (13063006)	0.01515 (15101724)	0.01459 (13072606)
3752225.1	0.02608 (15032223)	0.02179 (14102022)	0.01928 (15101724)	0.01779 (13072606)	0.01561 (13072606)
3752124.1	0.03227 (16072904)	0.02708 (15101724)	0.02308 (13072606)	0.01936 (16080303)	0.01811 (13070324)

3752023.1	0.04091 (15101724)	0.03383 (13072606)	0.02785 (16080303)	0.02400 (13070324)	0.02166 (12091103)
3751922.1	0.05379 (13072606)	0.04027 (16080303)	0.03254 (13070324)	0.02738 (12081703)	0.02324 (12081104)
3751821.1	0.06291 (13081804)	0.04928 (13090806)	0.03870 (13080104)	0.03025 (13072505)	0.02531 (15083002)
3751720.1	0.07878 (12091103)	0.05699 (12081104)	0.04370 (15083002)	0.03371 (16071504)	0.02742 (15082201)
3751619.1	0.08882 (16062623)	0.06679 (13090701)	0.05029 (13083002)	0.03802 (13082901)	0.02936 (13062601)
3751518.1	0.10549 (13083002)	0.07262 (14080405)	0.05490 (16072401)	0.04184 (12081101)	0.03229 (12050806)
3751417.1	0.11348 (12081101)	0.08295 (15090822)	0.05960 (12091821)	0.04103 (12080124)	0.03223 (16082921)
3751316.0	0.11792 (15033024)	0.08560 (13100322)	0.05993 (13081605)	0.04299 (12082106)	0.03247 (12082106)
3751215.0	0.12560 (15070404)	0.08927 (15070404)	0.06165 (15070404)	0.04297 (15070404)	0.03133 (15070404)
3751114.0	0.10153 (12083124)	0.07023 (12080704)	0.04845 (12080704)	0.03395 (12080704)	0.02591 (12080704)
3751013.0	0.10183 (16081806)	0.07340 (14071306)	0.05121 (12091723)	0.03640 (13082622)	0.02665 (13082622)
3750912.0	0.10452 (12100306)	0.07377 (14090924)	0.04765 (13061601)	0.03418 (13070305)	0.02528 (13070305)
3750811.0	0.09237 (14081623)	0.06716 (12093022)	0.04855 (12091023)	0.03510 (13082802)	0.02585 (14090924)
3750710.0	0.08155 (14090605)	0.05957 (12082422)	0.04205 (13111307)	0.03131 (12100721)	0.02343 (12042401)
3750609.0	0.06744 (14090401)	0.05088 (12081706)	0.03611 (14090605)	0.02702 (12062002)	0.02130 (16012108)
3750508.0	0.05534 (14072224)	0.04157 (13082920)	0.03063 (12081005)	0.02408 (12081706)	0.01895 (14060324)
3750407.0	0.04414 (15090623)	0.03410 (12091203)	0.02583 (15101804)	0.02069 (12081005)	0.01723 (13082604)
3750305.9	0.03441 (16021001)	0.02750 (15090623)	0.02176 (12091203)	0.01808 (15101804)	0.01537 (12072823)
3750204.9	0.02777 (13060105)	0.02448 (12070601)	0.01873 (15090623)	0.01610 (12020808)	0.01384 (12042003)
3750103.9	0.02188 (16092803)	0.01897 (16072406)	0.01619 (12070601)	0.01442 (12020808)	0.01311 (12020808)
3750002.9	0.01807 (14091205)	0.01603 (14091623)	0.01425 (15052306)	0.01288 (12070601)	0.01210 (12020808)
3749901.9	0.01509 (14020108)	0.01383 (14090706)	0.01273 (14091623)	0.01196 (15052306)	0.01096 (12020808)
3749800.9	0.01326 (15032507)	0.01232 (14091205)	0.01158 (13120108)	0.01098 (15052306)	0.01041 (15052306)
3749699.9	0.01175 (15092224)	0.01125 (15032507)	0.01057 (13120108)	0.01023 (13120108)	0.00977 (15052306)
3749598.9	0.01082 (12020608)	0.01041 (15032507)	0.00984 (15032507)	0.00954 (13120108)	0.00916 (13120108)
3749497.9	0.00997 (15090624)	0.00958 (12020608)	0.00928 (15032507)	0.00886 (14091205)	0.00867 (13120108)
3749396.9	0.00930 (15091201)	0.00901 (12020608)	0.00869 (15032507)	0.00842 (15032507)	0.00812 (13120108)

3749295.8	0.00869 (15091201)	0.00843 (12020608)	0.00813 (12020608)	0.00799 (15032507)	0.00767 (14020108)
3749194.8	0.00813 (14092604)	0.00795 (15091201)	0.00771 (12020608)	0.00753 (15032507)	0.00733 (15032507)

*** MODELOPTs: NonDFAULT CONC ELEV FASTALL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): A0000097 , A0000098 , A0000099 , A0000100 , A0000117 , A0000118 , A0000119 , A0000120 , A0000110 , A0000111 , A0000112 , A0000113 , A0000114 , A0000115 , A0000121 , A0000122 , A0000123 , A0000124 , A0000125 , A0000126 , A0000127 , A0000128 , A0000066 , A0000067 , A0000068 , A0000069 , A0000070 , A0000071 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
403008.61	3751235.14	0.25376	(12100122)	403210.21	3751439.36	0.35472	(12011919)
403635.16	3751113.73	0.60553	(13051224)	403415.16	3751147.23	0.41461	(12102805)
403600.54	3751145.56	0.68792	(12092606)	403633.48	3751038.35	0.57976	(12093003)
403008.39	3751234.87	0.25353	(12100122)	403210.21	3751439.62	0.35473	(12011919)

*** MODELOPTs: NonDFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

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

NETWORK GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	1ST HIGHEST VALUE IS	0.06503 AT (403467.87, 3751114.03, 23.50, 23.50, 0.00)	GC	UCART1
	2ND HIGHEST VALUE IS	0.06494 AT (403569.74, 3751215.04, 23.30, 23.30, 0.00)	GC	UCART1
	3RD HIGHEST VALUE IS	0.05962 AT (403467.87, 3751215.04, 23.80, 23.80, 0.00)	GC	UCART1
	4TH HIGHEST VALUE IS	0.05945 AT (403569.74, 3751114.03, 23.50, 23.50, 0.00)	GC	UCART1
	5TH HIGHEST VALUE IS	0.04778 AT (403600.54, 3751145.56, 23.24, 23.24, 0.00)	DC	
	6TH HIGHEST VALUE IS	0.04249 AT (403415.16, 3751147.23, 24.41, 24.41, 0.00)	DC	
	7TH HIGHEST VALUE IS	0.03839 AT (403366.00, 3751114.03, 24.20, 24.20, 0.00)	GC	UCART1
	8TH HIGHEST VALUE IS	0.03581 AT (403635.16, 3751113.73, 23.03, 23.03, 0.00)	DC	
	9TH HIGHEST VALUE IS	0.03108 AT (403569.74, 3751316.05, 23.30, 23.30, 0.00)	GC	UCART1
	10TH HIGHEST VALUE IS	0.02597 AT (403671.61, 3751114.03, 22.90, 22.90, 0.00)	GC	UCART1

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

*** MODELOPTs: NonDFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

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

NETWORK GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	0.73879	ON 14011019: AT (403467.87, 3751316.05, 23.90, 23.90, 0.00)	GC	UCART1

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

*** MODELOPTs: NonDFAULT CONC ELEV FASTALL URBAN ADJ_U*

*** Message Summary : AERMOD Model Execution ***

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

A Total of 0 Fatal Error Message(s)
A Total of 12 Warning Message(s)
A Total of 2285 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 1588 Calm Hours Identified

A Total of 697 Missing Hours Identified (1.59 Percent)

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

******** WARNING MESSAGES ********
SO W320 274 PPARM: Input Parameter May Be Out-of-Range for Parameter VS
SO W320 275 PPARM: Input Parameter May Be Out-of-Range for Parameter VS
SO W320 276 PPARM: Input Parameter May Be Out-of-Range for Parameter VS
SO W320 277 PPARM: Input Parameter May Be Out-of-Range for Parameter VS
SO W320 278 PPARM: Input Parameter May Be Out-of-Range for Parameter VS
SO W320 279 PPARM: Input Parameter May Be Out-of-Range for Parameter VS
SO W320 280 PPARM: Input Parameter May Be Out-of-Range for Parameter VS
SO W320 281 PPARM: Input Parameter May Be Out-of-Range for Parameter VS
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
ME W186 696 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 696 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

****

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

APPENDIX C.1 – ESTIMATION OF PROJECT CONSTRUCTION DPM EMISSIONS

Carmenita Road Proposed Project **2026**
Emission Assumptions **DPM** Emissions

1) Vehicle Emissions

(a) Truck and Auto Traffic EMFAC2021
(b) Location Norwalk- 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 2026

2) Refrigerated Land Uses

Percentage of Buildings used for Refrigeration (applies to DSL LHDT, MHDT and HHDT)
Land Use 1- Proposed Warehou 20% ASSUMPTION based on the % of building space devoted to cold storage

TRU Onsite Operating Time 1 hours - ASSUMPTION

3) Traffic Allocation

1) Onsite travel emssions generated from vehicles traveling to building loading docks
2) Onsite idling emissions generated only for heavy duty diesel trucks
3) Offsite travel trips allocated in accordance with the Traffic Impact Memorandum

4) Trip Allocation	**Building Size**	**%Total**
Land Use 1- Proposed Warehou	115,921	80%
Land Use 2- Proposed GLI (Build	28,980	20%
Total	144,901	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
Operational Equipment

1 Generator Set	Diesel	1 Hr/Day	50 Hr/year	238 HP	0.73 Load Factor
1 Fire Pump	Diesel	1 Hr/Day	50 Hr/year	238 HP	0.73 Load Factor

5) Venicle Trip Lengths

Onsite Travel Links

	Travel Distance (m)	**Trip Distance (mi)**	**% of Truck Travel**	**MPH**
Excelsior >Loading Docks (Land Use 1)	216.7	0.135	95%	5
Carmenita>Loading Docks (Land Use 1)	293.8	0.183	5%	5

Off site Travel Links

	Travel Distance (m)	**Travel Distance (mi)**	**% of Truck Travel**	
Offsite 1: Site>Carmenita	111.9	0.070	5%	25
Offsite 2: Excelsior>Intersection	411.6	0.256	95%	25
Offsite 3: Intersection> I5 Junction	91.4	0.057	100%	25
Offsite 4: I5 Junction> I5-N ramp	459.2	0.285	50%	25
Offsite 5: I5 Junction> I5-S ramp	586.9	0.365	50%	25
Offsite 6: Carmenita>Intersection	111.9	0.070	5%	25

6) Other Input Parameters

Facility Operations for Warehouses (hr/day):	24	In order to provide a conservative analysis, operations are assumed
Annual Operations (days/year)	365	to be 24 hours a day, 7 days a week since no industrial operation

Carmenita Industrial Project **Un-Mitigated**

Construction DPM Emissions
Data Source: CalEEMod Project Output

Work Schedule 8 hrs/day 5 days per week

Onsite DPM Construction Emissions

Size of the Construction Area: 13,462 m2

CalEEMod Construction Vehicle Trip Length

Vehicle	Distance (miles)
Haul Truck	20
Vendor Truck	10.2
Worker	18.5

Unit Emission Rate: 7.42832E-05 g/m2-sec

**Calcaulated Crushing values for PM10E were added to the peak demolition phase PM10E emissions. (0.78767+0.065603)

Daily Max Onsite PM10E

Activity	Start Date	End Date	DPM Emissions lb/day	Work Days	DPM Emissions (lbs)	DPM Emissions (tons)	
Demolition w/ Crushing	9/2/2025	9/30/2025	**0.85**	**20**	17.07	0.008533	
Site Preparation	10/1/2025	10/15/2025	0.99	**10**	9.89	0.004947	
Grading	10/16/2025	11/13/2025	0.64	**20**	12.72	0.006360	
Building Construction - 2025	11/14/2025	12/31/2025	0.55	**35**	19.16	0.009581	
Building Construction - 2026	1/1/2026	9/3/2026	0.55	**175**	95.81	0.047906	
Paving	9/4/2026	10/1/2026	0.39	**20**	7.94	0.003970	
Architectural Coating	10/1/2026	10/28/2026	0.09	**20**	1.78	0.000890	
			4.05	301	164.374	0.547	0.000000649998

Year	Annual DPM Emissions (tons/year)	# 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/m2-sec)	
2025	0.029421	85	0.6923	0.0865	0.0109	8.106E-07	6.42E-07
2026	0.052766	215	0.4908	0.0614	0.0077	5.748E-07	
					0.019		

Offsite DPM Construction Emissions

Daily Max Onsite PM10E — Daily Max Onsite PM10E — Daily Max Onsite PM10E

Activity	Start Date	End Date	Work Days	Offsite DPM Haul Truck (lb/day)	Offsite DPM Haul Truck (pounds)	Offsite DPM Haul Truck tons	Offsite DPM Vendor Truck (lb/day)	Offsite DPM Vendor Truck (pounds)	Offsite DPM Vendor Trucks (tons)	Offsite DPM Worker Vehicles (lb/day)	Offsite DPM Worker Vehicles (pounds)	Offsite DPM Worker Vehicles (tons)
Demolition	9/2/2025	9/30/2025	20	0.1531	3.0616	0.0015308	0.0000	**0**	**0**	0	0	0
Site Preparation	10/1/2025	10/15/2025	10	0.0000	0	0	0.0000	0	0	0	0	0
Grading	10/16/2025	11/13/2025	20	0.1610	3.220512	0.001610256	0.0000	0	0	0	0	0
Building Construction - 2025	11/14/2025	12/31/2025	35	0.0000	0	0	0.0107	0.373835	0.000186918	0	0	0
Building Constriciton - 2026	1/1/2026	9/3/2026	175	0.0000	0	0	0.0107	1.869175	0.000934588	0	0	0
Paving	9/4/2026	10/1/2026	20	0.0000	0	0	0.0000	0	0	0	0	0
Architectural Coating	10/1/2026	10/28/2026	20	0.0000	0	0	0.0000	0	0	0	0	0
			301	0.3141056	6.282112	0.003141056	0.021362	2.24301	0.001121505	0	0	0

Offsite DPM Emissions (at the CalEEMOd Default Trip Distances)

		Haul Trucks				Vendor Trucks				Worker Vehicles				
Year	# of Construction Days	AnnualEmissions (tons/year)	Average Daily (lb/day)	Average Hourly (lb/hr)	Average Hourly (g/sec)	AnnualEmissions (tons/year)	Average Daily (lb/day)	Average Hourly (lb/hr)	Average Hourly (g/sec)	AnnualEmissions (tons/year)	Average Daily (lb/day)	Average Hourly (lb/hr)	Average Hourly (g/sec)	
2025	85	0.003141056	0.0739072	0.0092384	0.001165065	0.000186918	0.004398059	0.000549757	6.93305E-05	0	0	0	0	2.98E-03
2026	215	0	0	0	0	0.000934588	0.008693837	0.00108673	0.000137049	0	0	0	0	

CalEEMod Construction Vehicle Trip Length

Vehicle	Distance (miles)
Haul Truck	60
Vendor Truck	10.2
Worker	18.5

Assumed Construction Trip Distance in AERMOD 0.683 mile from AERMOD Emission Source Data

Assumed Construction Trip Distances in AERMOD

	meters	Distance (mi)	%Distribution	
Excelsior>Carmenita Intersection		0.313	100%	
I-5 N		0.285	50%	
I-5 S		0.365	50%	Assumption Made: during the Construction phase 100% of trucks will use Excelsior Road to enter/exit the site
Onsite	216.7	0.135		

Offsite Scaled DPM Emissions to AERMOD Trip Distance

Year	Haul Trucks (g/sec)	Vendor Trucks (g/sec)	Worker Vehicles (g/sec)	Total (g/sec)	Total (lb/hr)	Total (lb/day)
2025 (From CalEEMOd)	6.070E-06	2.125E-06	0.000E+00	8.195E-06	6.498E-05	5.199E-04
Onsite	1.362E-08	2.805E-08	0.000E+00	4.167E-08	3.305E-07	2.644E-06
2025 (Scaled for Distance and Distribution)						
Route 1	3.163E-08	6.513E-08	0.000E+00	9.675E-08	7.672E-07	6.138E-06
Route 2	1.444E-08	2.973E-08	0.000E+00	4.416E-08	3.502E-07	2.802E-06
Route 3	1.845E-08	3.799E-08	0.000E+00	5.645E-08	4.476E-07	3.581E-06
2026 (from CalEEMod)	0.000E+00	4.200E-06	0.000E+00	4.200E-06	3.331E-05	2.665E-04
Onsite	0.000E+00	5.545E-08	0.000E+00	5.545E-08	4.397E-07	3.517E-06
2026 (Scaled for Distance and Distribution)						
Route 1	0.000E+00	1.287E-07	0.000E+00	1.287E-07	1.021E-06	8.166E-06
Route 2	0.000E+00	5.876E-08	0.000E+00	5.876E-08	4.660E-07	3.728E-06
Route 3	0.000E+00	7.510E-08	0.000E+00	7.510E-08	5.955E-07	4.764E-06

Haul + Vend + Work

Weighted Average Emissions	
Route 1	**1.197E-07 g/sec**
Route 2	**5.463E-08 g/sec**
Route 3	**6.982E-08 g/sec**
	5.155E-08

0.0022

pollutant	EF	Unit Amnt	Hours per day	HP	load factor	lb	lb/day
PM10_tpd	3.27	1	8	12	0.85	0.5870304	

APPENDIX C.2 – ESTIMATION OF PROJECT OPERATIONAL DPM EMISSIONS

Carmenita Road Proposed Project

Pollutant: DPM
Year: 2026

Emission Summary

Onsite Emissions		**Emissions (g/sec)**	**Emissions (lbs/day)**
ONSITE1	Excelsior >Loading Docks (Land Use 1)	5.75E-06	1.09E-03
OS1B2	Excelsior > Loading Docks (Land Use 2)	3.04E-06	5.78E-04
ONSITE2	Carmenita>Loading Docks (Land Use 1)	1.92E-07	3.65E-05
OS2B2	Carmenita>Loading Docks (Land Use 2)	1.08E-07	2.05E-05
	Total	9.09E-06	1.73E-03
	Onsite 1 (Excelsior)	8.79E-06	1.67E-03
	Onsite 2 (Carmenita)	3.00E-07	5.70E-05

Idling Emissions		**Emissions (g/sec)**	**Emissions (lbs/day)**	
IB1	Idling Sources - Land Use 1	1.11E-04	2.11E-02	These idling emissions wold be subdivided by
IB2	Idling Sources - Land Use 2	7.73E-05	1.47E-02	
	Total	1.88E-04	3.58E-02	the number of idling point source assumed in the calculation
	Idle Average	9.40E-05	1.79E-02	

Stationary Emissions		**Emissions (g/sec)**
GS1	Generator Set	1.15E-08
GS2	Fire Pump	1.15E-08

Offsite Emissions	**Emissons (g/sec)**	**Emissions (lb/day)**
Offsite 1: Site>Carmenita	4.63E-08	8.82E-06
Offsite 2: Excelsior>Intersection	5.14E-06	9.78E-04
Offsite 3: Intersection> I5 Junction	1.21E-06	2.30E-04
Offsite 4: I5 Junction> I5-N ramp	2.36E-06	4.48E-04
Offsite 5: I5 Junction> I5-S ramp	3.01E-06	5.73E-04
Offsite 6: Carmenita>Intersection	7.51E-08	1.43E-05
Total	1.18E-05	2.25E-03

Total Emissions (Offsite Alternative 1)

	Emissons (g/sec)	**Emissions (lb/day)**
Total	**2.09E-04**	**3.98E-02**

Sens Receptor

Total Annual (ug/m3)
0.008400

worker

Total Annual (ug/m3)
0.0534

Carmenita Road Proposed Project **2026**

Allocated by assessor's parcels (proportional to the realtive size of buildings)

Building	Building Size Total (sq-ft)
Land Use 1- Proposed Warehousing (Building 1)	115,921
Land Use 2- Proposed GLI (Building 2)	28,980
Total	144,901

Trip Generation

Trip Generation Rate	1.71	trips/TSF as per Traffic Trip Generation Memorandum	Warehousing
	4.87		GLI

Building	trips/day (Non-PCE)
Land Use 1- Proposed Warehousing (Building 1)	198
Land Use 2- Proposed GLI (Building 2)	141
Total	339

Vehicle Fleet Distribution	% Trips
Land Use 1- Proposed Warehousing (Building 1)	58%
Land Use 2- Proposed GLI (Building 2)	42%

Vehicle Fleet Mix from Trip Generation Memo

Land Use 1- Proposed Warehousing (Building 1)

	Vehicle Distribution	Daily Trips	Building 1
LDA (Passenger Vehicles)	55.30%	110	64
LHDT (2 axle truck)	15.50%	31	18
MHDT(3 axle truck)	4.90%	10	6
HHDT (4+ axle truck)	24.30%	48	28
	100.0%	198	
			116

Land Use 2- Proposed GLI (Building 2)

	Vehicle Distribution	Daily Trips	Building 1	Building 2	Building 3	Building 4	Building 5
LDA (Passenger Vehicles)	72.50%	102	C41*B31	#VALUE!	0	0	0
LHDT (2 axle truck)	4.60%	6	C42*B31	3	0	0	0
MHDT(3 axle truck)	5.70%	8	C43*B31	3	0	0	0
HHDT (4+ axle truck)	17.20%	24	C44*B31	10	0	0	0
	100.0%	141					
			SUM(D41:D45)	#VALUE!	0	0	0

Passenger Vehicle Fleet Mix

	CalEEMod Default Mix	% Total	Daily Trips	Land Use 1- Proposed Warehousing (Building 1)	Land Use 2- Proposed GLI (Building 2)		
LDA	37.55%	37.6%	80	41	38	0	0
LDT1	32.39%	32.4%	69	36	33	0	0
LDT2	17.76%	17.8%	38	19	18	0	0
MCY	1.63%	1.6%	3	2	2		
MDV	10.66%	10.7%	23	12	11	0	0
Total	99.99%	100.0%	212	110	102	0	0

Light Heavy Duty Fleet Mix

	CalEEMod Default Mix	% Total	Daily Trips	% Diesel	Number of Daily Diesel Trips	Number of Diesel Daily Trips: Land Use 1- Proposed Warehousing (Building 1)	Land Use 2- Proposed GLI (Building 2)
LHDT1	2.73%	80.2%	30	34.39%	10	8	2
LHDT2	0.67%	19.8%	7	62.05%	5	4	1
Total	3.41%	100.0%	37	**Total**	**15**	12	3

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

"Local trucks"assumed to be LHDTs that are not long-distance bound unlike the MHDT and HHDT vehicle classes for which a 40-mile trip distance is assumed

Fleet Mix	Total Trips	%Total	Daily Trip Rate (Trips/TSF)
LDA	80	**31.9%**	**0.55**
LDT1	69	**27.6%**	**0.47**
LDT2	38	**15.1%**	**0.26**
MCY	3	**1.4%**	**0.02**
MDV	23	**9.1%**	**0.16**
LHDT1	30	**12.0%**	**0.21**
LHDT2	7	**3.0%**	**0.05**
Total	249	**100.0%**	**1.72**

I have recently changed these % DSL to 100%

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

Fleet Mix	Total Trips	%Total	Daily Trip Rate (Trips/TSF)	% Diesel	Number of Daily Diesel Trips	Land Use 1- Proposed Warehousing (Building 1)	Land Use 2- Proposed GLI (Building 2)	Total
MHDT	18	**19.7%**		100.00%	18	10	7	18
HHDT	72	**80.3%**		100.00%	72	42	30	72
Total	90	**100.0%**	**0.62**	**Total**	90	53	38	90

Composite Fleet Mix	Number of Daily Trips	% Total	Total Diesel Trips
LDA	80	**23.5%**	10
LDT1	69	**20.2%**	5
LDT2	38	**11.1%**	18
MCY	3	**1.0%**	72
MDV	23	**6.7%**	105
LHDT1	30	**8.8%**	
LHDT2	7	**2.2%**	
MHDT	18	**5.2%**	
HHDT	72	**21.3%**	
	339	**100.0%**	

TRU Emissions **SCAQMD** **2025**

Calculated Here
from EmFac

OFFROAD 2017 OFFROAD2021 does not supply horsepower-hours per year TRU usage

Region	Calendar Y	Vehicle Category	Model Year	Horsepower Bin	Fuel	PM10_tpd	Fuel Consumption	Total Activity_hov	Total Population	Horsepower Hours_hhov
Los Angeles (S	2026	Transport Refrigeration Unit - Instate Genset	Aggregate	Aggregate	Diesel	0.00183292	398721.54	818011.94	1047.23	
Los Angeles (S	2026	Transport Refrigeration Unit - Instate Trailer	Aggregate	Aggregate	Diesel	0.029719208	8730877.36	12281205.42	6849.08	
Los Angeles (S	2026	Transport Refrigeration Unit - Instate Truck	Aggregate	Aggregate	Diesel	0.00605077	611530.62	1103850.54	1475.64	
Los Angeles (S	2026	Transport Refrigeration Unit - Out-Of-State Genset	Aggregate	Aggregate	Diesel	0.001737411	318331.58	655633.38	5287.24	
Los Angeles (S	2026	Transport Refrigeration Unit - Out-Of-State Trailer	Aggregate	Aggregate	Diesel	0.023862678	4826967.87	7086872.33	26054.49	

PM10 Emissions

Pollutant	Vehicle Category	Horsepower	Emissions (t/d)	Emissions (t/yr)	Emissions (grams/year)	Usage (hp-hr/yr)	Emission factor (grams/hp-hr)	Activity (hrs/year)	Horsepower (HP)	Emission Rate grams/hr	Fuel Consumption gallons/year	Fuel Rate gallons/hr
PM10	Transport Refrigeration Unit - Instate Truck	Aggregate	0.00605077	2.20853105	2005346.193	0	1.815050099	1103850.54	0	1.815050099	611530.62	0.553997663
PM10	Transport Refrigeration Unit - Instate Genset	Aggregate	0.00183292	0.6690158	607466.3464	0	0.741945685	818011.94	0	0.741945685	398721.54	0.487427531
PM10	Transport Refrigeration Unit - Out-Of-State Genset	Aaareaate	0.001737411	0.634154833	575812.5879	0	0.877464655	655633.38	0	0.877464655	318331.58	0.485532906
PM10	Transport Refrigeration Unit - Out-Of-State Trailer	Aggregate	0.023862678	8.70987747	7908568.743	0	1.114943393	7086872.33	0	1.114943393	4826967.87	0.681113987
											Total	
						Weighted by Usage			Weighted by Activity	1.14722668	6155551.61	0.636932647

Table 1: Mass Conversion

tons	2000 lbs	453.592 g
day	1 ton	1 lbs

Table 2: Activity Conversion

Hours	1 year	3600 sec
Year	365 days	1 hour

Table 3: OFFROAD PM10 Mass Conversion

tons/day	lbs / day	g / day
0.00605077	12.10154	5489.161732
0.00183292	3.66584	1662.795697
0.001737411	3.474821	1576.151007
0.023862678	47.725356	21647.83968
0	0	0
0	0	0

Table 4: OFFROAD PM10 Activity Conversion

hours / yr	hours (runtime) / day	second (runtime) / day
1103850.54	3024.248055	10887293
818011.94	2241.128603	8068062.97
655633.38	1796.255836	6466521.008
7086872.33	19416.08858	69897918.87
0	0	0
0	0	0

Table 5: PM10 Rates

g / sec (runtime)	g / hour (runtime)
0.000504181	1.815050099
0.000206096	0.741945685
0.00024374	0.877464655
0.000309706	1.114943393

= data used in calculation

= emissions rate for dispersion modeling

Source: EMFAC2021 (v1.0.2) Emission Rates

Source: EMFAC2021 (v1.0.2) Emission Rates
Region Type: Air District
Region: South Coast AQMD
Calendar Year: 2024
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for CVMT and EVMT, g/mile for RUNEX, PMBW and PMTW, mph for Speed, kWh/mile for Energy Consumption, gallon/mile for Fuel Consumption. PHEV calculated based on total VMT.

Region	Calendar Y	Vehicle Category	Model Year	Speed	Fuel	VMT	PM10_RUNEX
South Coast AQMD	2026	LHDT1	Aggregate	5	Diesel	482.34578	0.0632
South Coast AQMD	2026	LHDT2	Aggregate	5	Diesel	213.11592	0.063353
South Coast AQMD	2026	T6-MHDT	Aggregate	5	Diesel	2551.1722	0.041169
South Coast AQMD	2026	T7-HHDT	Aggregate	5	Diesel	591.52485	0.014557
South Coast AQMD	2026	LHDT1	Aggregate	25	Diesel	182787.61	0.029919
South Coast AQMD	2026	LHDT2	Aggregate	25	Diesel	80308.252	0.030492
South Coast AQMD	2026	T6-MHDT	Aggregate	25	Diesel	291732.94	0.01076
South Coast AQMD	2026	T7-HHDT	Aggregate	25	Diesel	257910.56	0.007096

Idling Emission Factors

	freq	city	veh	IDLEX	type	TPD
2026	Annual	Los Angeles (SC)	LHDT1	IDLEX	PM10	0.331315285
2026	Annual	Los Angeles (SC)	HHDT	IDLEX	PM10	0.553079694
2026	Annual	Los Angeles (SC)	LHDT2	IDLEX	PM10	0.553079694
2026	Annual	Los Angeles (SC)	MHDT	IDLEX	PM10	0.050133447
2026	Annual	Los Angeles (SC)	HHDT	IDLEX	PM10	0.014789066

Calendar Year: 2026
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

Year	Calendar Y	Region	Equipment	Fuel	PM10_tpd
2026		Los Angeles (SC)	Light Commercial - Misc - Generator Sets	Diesel	0.0072492
2026		Los Angeles (SC)	Light Commercial - Misc - Pumps	Diesel	0.004031

Carmenita Road Proposed Project **Year: 2026**
Emissions from Onsite Delivery and TRU Travel
DPM Emissions

Truck Operations

Assumption: Number of TRUs = % Cold Storage x Number of DSL LHDT1+LHDT2+MHDT + HHDT

				DSL Daily	DSL Daily	DSL Daily	DSL Daily	DSL Daily	DSL Daily	DSL Daily	DSL Daily	DSL Daily	DSL Daily Total	DSL Daily	DSL Daily Total	DSL Daily Total	DSL Total
		Trip Length	Operations	HHDT	MHDT	LHDT1	LHDT2	TRU	HHDT	MHDT	LHDT1	LHDT2	Trucks	TRU	Truck+TRU	Truck+TRU	Truck+TRU
AERMOD ID	On-Site Truck Delivery Emissions	(mi)		Truck Trips	Trucks Trips	Trucks Trips	Truck Trips	Trips	(g/day)	(g/day)	(g/day)	(g/day)	(g/day)	(g/day)	(g/day)	(lb/day)	(g/sec)
ONSITE1	Excelsior >Loading Docks (Land Use 1)	0.135	24	40	10	8	4	9	7.88E-02	5.46E-02	6.85E-02	3.06E-02	2.32E-01	2.64E-01	4.97E-01	1.09E-03	5.75E-06
OS1B2	Excelsior > Loading Docks (Land Use 2)	0.135	24	29	7	2	1	5	5.61E-02	3.89E-02	1.45E-02	6.46E-03	1.16E-01	1.47E-01	2.63E-01	5.78E-04	3.04E-06
ONSITE2	Carmenita>Loading Docks (Land Use 1)	0.183	24	2	1	0	0	0	5.62E-03	3.90E-03	4.89E-03	2.18E-03	1.66E-02	0.00E+00	1.66E-02	3.65E-05	1.92E-07
OS2B2	Carmenita>Loading Docks (Land Use 2)	0.183	24	2	0	0	0	0	4.00E-03	2.77E-03	1.03E-03	1.50E-03	9.31E-03	0.00E+00	9.31E-03	2.05E-05	1.08E-07
				72	18	10	5	13	1.44E-01	1.00E-01	8.89E-02	4.07E-02	3.74E-01	4.11E-01	7.85E-01	1.73E-03	9.0862E-06

Operation Days = 365
Delivery Truck Hours (hrs/day) = 24
Delivery Truck Speed (mph) = 5

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

Daily TRU Emissions = Emission Rate (g/hr) * (TRU Trips/day /Speed (m/hr) * (miles/TRU Trip) 8.17E-06

Diesel Truck Emission Factors (EMFAC2021)
2-Axle (LHDT1) = 0.063
2-axle (LHDT2) 0.063
3-Axle MHDT (g/mi) = 0.041
4-Axle HHD (g/mi) = 0.015
Truck emissions for trucks based on EMFAC 2021 for truck speed of 5 mph SCAQMD 2026

TRU Emission Factor
TRU Emission Rate* (g/hr) = 1.15
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 SCAQMD 2026
TRU emission factor from Draft 2019 Update to Emissions Inventory for Transport Refrigeration Units (ARB 2019)

Carmenita Road Proposed Project **2026**
Onsite Truck Delivery Iding and TRU Operational Emissions
DPM Emissions

Truck Onsite Idling and TRU Operations

		Average Daily Truck Deliveries															
AERMOD ID	User/ Location	HHDT Trucks	MHDT Trucks	LHDT1 Trucks	LHDT2 Trucks	TRU Number	Idle Time per Truck (hour/day)	HHDTruck Emissions (g/day)	MHDTruck Emissions (g/day)	LHDTruck1 Emissions (g/day)	LHDTruck2 Emissions (g/day)	Total Truck (g/day)	TRU OP Time (hours/day/TRU)	Total TRU Emissions (g/day)	Total Emissions (g/day)	Emissions Average (lb/day)	Emissions Average (g/sec)	Area Source Emisison g/m2-sec
Truck Idling Sources																		
IB11 to IB18	Idling Sources - Land Use 1	21	5	4	2	4	0.250	4.30E+00	6.50E-02	3.51E-01	2.61E-01	4.98E+00	1.000	4.59E+00	9.56E+00	2.11E-02	1.11E-04	0
	Idling Sources - Land Use 2	15	4	1	0	3	0.250	3.06E+00	4.63E-02	7.42E-02	5.51E-02	3.24E+00	1.000	3.44E+00	6.68E+00	1.47E-02	7.73E-05	0
Totals		**36**	**9**	**5**	**2**	**7**		**7.36E+00**	**1.11E-01**	**4.25E-01**	**3.16E-01**	**8.21E+00**		**8.03E+00**	**1.62E+01**	**3.58E-02**	**1.88E-04**	1.21E-10

Daily Operation = 24 per day
Operation Days = 365 days/year
TRU Emissions
TRU Emission Rate = 1.15 g/hr

Diesel Diesel Truck Emission Factors
LHDT1 Truck Idle Emissions (g/hr)= 0.331 g/hr
LHDT2 Truck Idle Emissions (g/hr)= 0.553 g/hr
MHDT Truck Idle Emissions (g/hr) = 0.050 g/hr
HHD Truck Idle Emissions (g/hr) = 0.813 g,hr

Truck idle time (min) = 60 min
Notes:
TRU emission factor from OFFROAD2017

Idling emission factor derived from CARB EMFAC2021 model as the fleet average for Los Angeles County 2026
Since the emission factors for LAC are the highest within the SCAQMD

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

Daily TRU emissions = TRU Emission Rate (g/hr) * TRU run time (min)/60 / Daily Hours (hr) * No. TRUs

Carmenita Road Proposed Project **2026**
Onsite Stationary Operational Emissions
DPM Emissions

Truck Onsite Idling and TRU Operations

		Average Daily Truck Deliveries	Idle Time	Diesel Emissions
AERMOD ID	User/ Location	Unit Per Day	(hour/day)	(g/day)
Additional Operational Equipment				
GS1	Generator Set	1	0.137	9.93E-04
GS2	Fire Pump	1	0.137	9.93E-04
Totals		**2**		**1.99E-03**

Daily Operation =	1	hour per day
Operation Days =	50	days/year
Total Operational Time Over 1 Year	0.1370	

Diesel Diesel Truck Emission Factors

Generator Set Emissions (g/hr)=	0.007	g/hr
Fire Pump Emissions (g/hr)=	0.004	g/hr

Operational time (min) =	60	min

Notes:
TRU emission factor from OFFROAD2017

Idling emission factor derived from CARB EMFAC2021 model as the fleet average for Los Angeles Cour
Since the emission factors for LAC are the highest within the SCAQMD

Emissions Average (g/sec)
1.15E-08
1.15E-08
2.30E-08

Daily Truck idle emissions = Idle EF (g/hr) * idle time (min)/60 / daily l

Daily TRU emissions = TRU Emission Rate (g/hr) * TRU run time (min)/

ıty 2026

hours (hr)/3600 * No. trucks

′60 / Daily Hours (hr) * No. TRUs

APPENDIX D.1 – ESTIMATION OF CONSTRUCTION CANCER RISK

Carmenita Norwalk

Exposure Durations During Construction

	Start	End	Days	% Year	
Calendar Construction Days	9/2/2025	10/28/2026	421	1.15	
3rd Trimester (2025)	9/2/2025	12/2/2025	91	0.25	
0-1 year (2025)	12/3/2025	12/31/2025	28	0.08	
0-1 year (2026)	1/1/2026	10/28/2026	300	0.82	
				1.15	0.90

3:58

Carmenita Norwalk — Unmitigated

Annual DPM Concentrations at Maximum Impacted Sensitive and Worker Receptor

Onsite Unit Emission Source Rate

Size of the Construction Area:	13,462	m2
Unit Emission Rate:	7.42832E-05	g/m2-sec

Actual Onsite Emission Source

Year	Average Hourly Emission Rate (g/m2-sec)
2025	2.07899E-08
2026	5.0696E-09

Weighted Avg (g/m2-sec) Area Source: 6.61E-07

Offsite Unit Emission Source:

Year	Average Hourly Emission Rate (g/sec)		New 60mi Inputs (g/sec)	
		Onsite	5.080E-08	g/sec
		Excelsior>Carmenita Intersection	1.17947E-07	g/sec
		I-5 N	5.38382E-08	g/sec
		I-5 S	6.88102E-08	g/sec

Results:

Max School=	0.01088
Max Residential=	0.00539
Max Hospital=	0
Max Sensitive Receptor=	0.01088
Max Worker=	0.64363

Receptor	Cancer Risk (per million) — Maximum Lifetime Proposed Project Risk	Significance Threshold	Exceeds Significance Threshold?
Maximum Impacted Sensitive Receptor – Infant to Adult (30 years)	1.75	10	No
Maximum Impacted Sensitive Receptor – Child	1.75	10	No
Maximum Impacted Sensitive Receptor – Adult	0.04	10	No
Maximum Impacted Worker Receptor	1.83	10	No

Receptor	Chronic Non-Cancer Hazard Index — Maximum Lifetime Proposed Project Risk	Significance Threshold	Exceeds Significance Threshold?
Maximum Impacted Sensitive Receptor – Infant to Adult (30 years)	0.002	1	No
Maximum Impacted Sensitive Receptor – Adult	0.002	1	No
Maximum Impacted Worker Receptor	0.13	1	No

Carmenita Norwalk No Mitigation

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance	**Residential**	**30-year Exposure**	**Total Cancer risk**	**HI**
			1.75	0.002

Maximum Period DPM Concentration **1.09E-02** ug/m3

Year	**Year**	**Maximum DPM (ug/m3)**	**CPF (mg/kg-day)^-1**	**95% DBR (l/kg-day)**	**ED (years)**	**EF (days)**	**AT (years)**	**FAH (%)**	**ASF**	**Operational Risk (risk/million)**
3rd Trimester	2025	0.01088	1.1	361	0.25	350	25550	1.0	10	0.15
1	2025	0.01088	1.1	1090	0.08	350	25550	1.0	10	0.14
2	2026	0.01088	1.1	1090	0.82	350	25550	1.0	10	1.47
3	2027	0.00000								0.00
4	2028	0.00000								0.00
5	2029	0.00000								0.00
6	2030	0.00000								0.00
7	2031	0.00000								0.00
8	2032	0.00000								0.00
9	2033	0.00000								0.00
10	2034	0.00000								0.00
11	2035	0.00000								0.00
12	2036	0.00000								0.00
13	2037	0.00000								0.00
14	2038	0.00000								0.00
15	2039	0.00000								0.00
16	2040	0.00000								0.00
17	2041	0.00000								0.00
18	2042	0.00000								0.00
19	2043	0.00000								0.00
20	2044	0.00000								0.00
21	2045	0.00000								0.00
22	2046	0.00000								0.00
23	2047	0.00000								0.00
24	2048	0.00000								0.00
25	2049	0.00000								0.00
26	2050	0.00000								0.00
27	2051	0.00000								0.00
28	2052	0.00000								0.00
29	2053	0.00000								0.00
30	2054	0.00000								0.00

Carmenita Norwalk No Mitigation

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance	**Child**	**9-year Exposure**	**Total Cancer risk**
			1.75

Maximum Period DPM Concentration 0.01088 ug/m3

Year	**Year**	**Maximum DPM (ug/m3)**	**CPF (mg/kg-day)^-1**	**95% DBR (l/kg-day)**	**ED (years)**	**EF (days)**	**AT (years)**	**FAH (%)**	**ASF**	**Operational Risk (risk/million)**
3rd Trimester	2025	0.01088	1.1	361	0.25	350	25550	1.0	10	0.15
1	2025	0.01088	1.1	1090	0.08	350	25550	1.0	10	0.14
2	2026	0.01088	1.1	1090	0.82	350	25550	1.0	10	1.47
3	2027	0.00000								0.00
4	2028	0.00000								0.00
5	2029	0.00000								0.00
6	2030	0.00000								0.00
7	2031	0.00000								0.00
8	2032	0.00000								0.00
9	2033	0.00000								0.00

Carmenita Norwalk

No Mitigation

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance	Residential	30-year Exposure	Adult	Total Cancer risk
				0.04

Maximum Period DPM Concentration 0.01088 ug/m3

Year	Year	Maximum DPM (ug/m3)	CPF (mg/kg-day)^-1	95% DBR (l/kg-day)	ED (years)	EF (days)	AT (years)	FAH (%)	ASF	Operational Risk (risk/million)
1	2025	0.01088	1.1	290	0.33	350	25550	0.73	1	0.01
2	2026	0.01088	1.1	290	0.82	350	25550	0.73	1	0.03
3	2027	0.00000								0.00
4	2028	0.00000								0.00
5	2029	0.00000								0.00
6	2030	0.00000								0.00
7	2031	0.00000								0.00
8	2032	0.00000								0.00
9	2033	0.00000								0.00
10	2034	0.00000								0.00
11	2035	0.00000								0.00
12	2036	0.00000								0.00
13	2037	0.00000								0.00
14	2038	0.00000								0.00
15	2039	0.00000								0.00
16	2040	0.00000								0.00
17	2041	0.00000								0.00
18	2042	0.00000								0.00
19	2043	0.00000								0.00
20	2044	0.00000								0.00
21	2045	0.00000								0.00
22	2046	0.00000								0.00
23	2047	0.00000								0.00
24	2048	0.00000								0.00
25	2049	0.00000								0.00
26	2050	0.00000								0.00
27	2051	0.00000								0.00
28	2052	0.00000								0.00
29	2053	0.00000								0.00
30	2054	0.00000								0.00

Carmenita Norwalk No Mitigation

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance	**Worker**	**25-year Exposure**						**Total Cancer risk**	
								1.83	0.13

Maximum Period DPM Concentration **0.64363** ug/m3

Year	**Year**	**Maximum DPM (ug/m3)**	**CPF (mg/kg-day)^-1**	**DBR (l/kg-day)**	**ED (years)**	**EF (days)**	**AT (years)**	**ASF**	**Operational Risk (risk/million)**
1	2025	0.64363	1.1	230	0.33	250	25550	1	0.52
2	2026	0.64363	1.1	230	0.82	250	25550	1	1.31
3	2026								0.00
4	2027								0.00
5	2028								0.00
6	2029								0.00
7	2030								0.00
8	2031								0.00
9	2032								0.00
10	2033								0.00
11	2034								0.00
12	2035								0.00
13	2036								0.00
14	2037								0.00
15	2038								0.00
16	2039								0.00
17	2040								0.00
18	2041								0.00
19	2042								0.00
20	2043								0.00
21	2044								0.00
22	2045								0.00
23	2046								0.00
24	2047								0.00
25	2048								0.00

APPENDIX D.2 – ESTIMATION OF OPERATIONAL CANCER RISK

Final Results

Unmitigated Construction

Receptor	Cancer Risk (per million)		Exceeds Significance Threshold?
	Maximum Lifetime Proposed Project Risk	Significance Threshold	
Maximum Impacted Sensitive Receptor – Infant to Adult (30 years)	1.75	10	No
Maximum Impacted Sensitive Receptor – Child	1.75	10	No
Maximum Impacted Sensitive Receptor – Adult	0.04	10	No
Maximum Impacted Worker Receptor	1.83	10	No
Receptor	**Chronic Non-Cancer Hazard Index**		**Exceeds Significance Threshold?**
	Maximum Lifetime Proposed Project Risk	**Significance Threshold**	
Maximum Impacted Sensitive Receptor – Infant to Adult (30 years)	0.002	1	No
Maximum Impacted Sensitive Receptor – Child	0.002	1	No
Maximum Impacted Sensitive Receptor – Adult	0.002	1	No
Maximum Impacted Worker Receptor	0.13	1	No

Operational

Receptor	Cancer Risk (per million)		Exceeds Significance Threshold?
	Maximum Lifetime Proposed Project Risk	Significance Threshold	
Maximum Impacted Sensitive Receptor – Infant to Adult (30 years)	6.22	10	No
Maximum Impacted Sensitive Receptor – Child	4.42	10	No
Maximum Impacted Sensitive Receptor – Adult	0.79	10	No
Maximum Impacted Worker Receptor	2.96	10	No
Receptor	**Chronic Non-Cancer Hazard Index**		**Exceeds Significance Threshold?**
	Maximum Lifetime Proposed Project Risk	**Significance Threshold**	
Maximum Impacted Sensitive Receptor – Infant to Adult (30 years)	0.0014	1	No
Maximum Impacted Sensitive Receptor – Child	0.0014	1	No
Maximum Impacted Sensitive Receptor – Adult	0.0014	1	No
Maximum Impacted Worker Receptor	0.0096	1	No

Combined Unmitigated

Receptor	Cancer Risk (per million)		Exceeds Significance Threshold?
	Maximum Lifetime Proposed Project Risk	Significance Threshold	
Maximum Impacted Sensitive Receptor – Infant to Adult (30 years)	6.50	10	No
Maximum Impacted Worker Receptor	3.57	10	No

Carmenita Road Proposed Project

Non-mitigated

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance	Residential	30-year Exposure	Total Cancer risk	Chronic Non-cancer Hazard
			6.221	0.001438

Annual DPM Concentration at Max Impacted Sensiive Receptor **7.19E-03** **ug/m3**

Year	Year	Maximum DPM (ug/m3)	CPF (mg/kg-day)^-1	95% DBR (l/kg-day)	ED (years)	EF (days)	AT (years)	FAH (%)	ASF	Operational Risk (risk/million)
3rd Trimester	#REF!	0.00719	1.1	361	0.25	350	25550	1	10	0.10
1	#REF!	0.00719	1.1	1090	1	350	25550	1	10	1.18
2	#REF!	0.00719	1.1	1090	1	350	25550	1	10	1.18
3	#REF!	0.00719	1.1	745	1	350	25550	1	3	0.24
4	#REF!	0.00719	1.1	745	1	350	25550	1	3	0.24
5	#REF!	0.00719	1.1	745	1	350	25550	1	3	0.24
6	#REF!	0.00719	1.1	745	1	350	25550	1	3	0.24
7	#REF!	0.00719	1.1	745	1	350	25550	1	3	0.24
8	#REF!	0.00719	1.1	745	1	350	25550	1	3	0.24
9	#REF!	0.00719	1.1	745	1	350	25550	1	3	0.24
10	#REF!	0.00719	1.1	745	1	350	25550	1	3	0.24
11	#REF!	0.00719	1.1	745	1	350	25550	1	3	0.24
12	#REF!	0.00719	1.1	745	1	350	25550	1	3	0.24
13	#REF!	0.00719	1.1	745	1	350	25550	1	3	0.24
14	#REF!	0.00719	1.1	745	1	350	25550	1	3	0.24
15	#REF!	0.00719	1.1	745	1	350	25550	1	3	0.24
16	#REF!	0.00719	1.1	745	1	350	25550	1	3	0.24
17	#REF!	0.00719	1.1	335	1	350	25550	0.73	1	0.03
18	#REF!	0.00719	1.1	335	1	350	25550	0.73	1	0.03
19	#REF!	0.00719	1.1	335	1	350	25550	0.73	1	0.03
20	#REF!	0.00719	1.1	335	1	350	25550	0.73	1	0.03
21	#REF!	0.00719	1.1	335	1	350	25550	0.73	1	0.03
22	#REF!	0.00719	1.1	335	1	350	25550	0.73	1	0.03
23	#REF!	0.00719	1.1	335	1	350	25550	0.73	1	0.03
24	#REF!	0.00719	1.1	335	1	350	25550	0.73	1	0.03
25	#REF!	0.00719	1.1	335	1	350	25550	0.73	1	0.03
26	#REF!	0.00719	1.1	335	1	350	25550	0.73	1	0.03
27	#REF!	0.00719	1.1	335	1	350	25550	0.73	1	0.03
28	#REF!	0.00719	1.1	335	1	350	25550	0.73	1	0.03
29	#REF!	0.00719	1.1	335	1	350	25550	0.73	1	0.03
30	#REF!	0.00719	1.1	335	1	350	25550	0.73	1	0.03

Carmenita Road Proposed Project

Non-mitigated

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance	**Residential**	**Child (9 years)**	**Total Cancer risk**
			4.419

Annual DPM Concentration at Max Impacted Sensiive Receptor **7.19E-03** **ug/m3**

Year	**Year**	**Maximum DPM (ug/m3)**	**CPF (mg/kg-day)^-1**	**95% DBR (l/kg-day)**	**ED (years)**	**EF (days)**	**AT (years)**	**FAH (%)**	**ASF**	**Operational Risk (risk/million)**
3rd Trimester	#REF!	0.00719	1.1	361	0.25	350	25550	1	10	0.10
1	#REF!	0.00719	1.1	1090	1	350	25550	1	10	1.18
2	#REF!	0.00719	1.1	1090	1	350	25550	1	10	1.18
3	#REF!	0.00719	1.1	861	1	350	25550	1	3	0.28
4	#REF!	0.00719	1.1	861	1	350	25550	1	3	0.28
5	#REF!	0.00719	1.1	861	1	350	25550	1	3	0.28
6	#REF!	0.00719	1.1	861	1	350	25550	1	3	0.28
7	#REF!	0.00719	1.1	861	1	350	25550	1	3	0.28
8	#REF!	0.00719	1.1	861	1	350	25550	1	3	0.28
9	#REF!	0.00719	1.1	861	1	350	25550	1	3	0.28

Carmenita Road Proposed Project

Non-mitigated

Cancer Risk Calculation - Location of Max Risk

					Total Cancer risk
SCAQMD Guidance	**Residential**	**30-year Exposure**	**Adult**		0.795

Annual DPM Concentration at Max Impacted Sensiive Receptor **7.19E-03** **ug/m3**

Year	Year	Maximum DPM (ug/m3)	CPF (mg/kg-day)^-1	95% DBR (l/kg-day)	ED (years)	EF (days)	AT (years)	FAH (%)	ASF	Operational Risk (risk/million)
1	2026	0.00719	1.1	335	1	350	25550	0.73	1	0.03
2	2027	0.00719	1.1	335	1	350	25550	0.73	1	0.03
3	2028	0.00719	1.1	335	1	350	25550	0.73	1	0.03
4	2029	0.00719	1.1	335	1	350	25550	0.73	1	0.03
5	2030	0.00719	1.1	335	1	350	25550	0.73	1	0.03
6	2031	0.00719	1.1	335	1	350	25550	0.73	1	0.03
7	2032	0.00719	1.1	335	1	350	25550	0.73	1	0.03
8	2033	0.00719	1.1	335	1	350	25550	0.73	1	0.03
9	2034	0.00719	1.1	335	1	350	25550	0.73	1	0.03
10	2035	0.00719	1.1	335	1	350	25550	0.73	1	0.03
11	2036	0.00719	1.1	335	1	350	25550	0.73	1	0.03
12	2037	0.00719	1.1	335	1	350	25550	0.73	1	0.03
13	2038	0.00719	1.1	335	1	350	25550	0.73	1	0.03
14	2039	0.00719	1.1	335	1	350	25550	0.73	1	0.03
15	2040	0.00719	1.1	335	1	350	25550	0.73	1	0.03
16	2041	0.00719	1.1	335	1	350	25550	0.73	1	0.03
17	2042	0.00719	1.1	335	1	350	25550	0.73	1	0.03
18	2043	0.00719	1.1	335	1	350	25550	0.73	1	0.03
19	2044	0.00719	1.1	335	1	350	25550	0.73	1	0.03
20	2045	0.00719	1.1	335	1	350	25550	0.73	1	0.03
21	2046	0.00719	1.1	335	1	350	25550	0.73	1	0.03
22	2047	0.00719	1.1	335	1	350	25550	0.73	1	0.03
23	2048	0.00719	1.1	335	1	350	25550	0.73	1	0.03
24	2049	0.00719	1.1	335	1	350	25550	0.73	1	0.03
25	2050	0.00719	1.1	335	1	350	25550	0.73	1	0.03
26	2051	0.00719	1.1	335	1	350	25550	0.73	1	0.03
27	2052	0.00719	1.1	335	1	350	25550	0.73	1	0.03
28	2053	0.00719	1.1	335	1	350	25550	0.73	1	0.03
29	2054	0.00719	1.1	335	1	350	25550	0.73	1	0.03
30	2055	0.00719	1.1	335	1	350	25550	0.73	1	0.03

Carmenita Road Proposed Project

Non-mitigated

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance	Worker	25-year Exposure	Total Cancer risk	Chronic Non-cancer Hazard
			2.957	0.0096

Annuak DPM Concentration at Max Impacted Sensiive Receptor **0.04778 ug/m3**

Year	Year	Maximum DPM (ug/m3)	CPF (mg/kg-day)^-1	DBR (l/kg-day)	ED (years)	EF (days)	AT (years)	ASF	Operational Risk (risk/million)
1	2026	0.04778	1.1	230	1	250	25550	1	0.12
2	2027	0.04778	1.1	230	1	250	25550	1	0.12
3	2028	0.04778	1.1	230	1	250	25550	1	0.12
4	2029	0.04778	1.1	230	1	250	25550	1	0.12
5	2030	0.04778	1.1	230	1	250	25550	1	0.12
6	2031	0.04778	1.1	230	1	250	25550	1	0.12
7	2032	0.04778	1.1	230	1	250	25550	1	0.12
8	2033	0.04778	1.1	230	1	250	25550	1	0.12
9	2034	0.04778	1.1	230	1	250	25550	1	0.12
10	2035	0.04778	1.1	230	1	250	25550	1	0.12
11	2036	0.04778	1.1	230	1	250	25550	1	0.12
12	2037	0.04778	1.1	230	1	250	25550	1	0.12
13	2038	0.04778	1.1	230	1	250	25550	1	0.12
14	2039	0.04778	1.1	230	1	250	25550	1	0.12
15	2040	0.04778	1.1	230	1	250	25550	1	0.12
16	2041	0.04778	1.1	230	1	250	25550	1	0.12
17	2042	0.04778	1.1	230	1	250	25550	1	0.12
18	2043	0.04778	1.1	230	1	250	25550	1	0.12
19	2044	0.04778	1.1	230	1	250	25550	1	0.12
20	2045	0.04778	1.1	230	1	250	25550	1	0.12
21	2046	0.04778	1.1	230	1	250	25550	1	0.12
22	2047	0.04778	1.1	230	1	250	25550	1	0.12
23	2048	0.04778	1.1	230	1	250	25550	1	0.12
24	2049	0.04778	1.1	230	1	250	25550	1	0.12
25	2050	0.04778	1.1	230	1	250	25550	1	0.12

APPENDIX D.3 – ESTIMATION OF COMBINED CONSTRUCTION AND OPERATIONAL CANCER RISK

Carmenita Cancer Risk Assessment - Unmitigated Construction + Operaations

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance	Residential	30-year Exposure	Total Cancer risk	Chronic Non-cancer Hazard
	Construction:	**1.09E-02**	6.496	0.002176
	Operational:	**7.19E-03**		

Year	Year	Maximum DPM (ug/m3)	CPF (mg/kg-day)^-1	95% DBR (l/kg-day)	ED (years)	EF (days)	AT (years)	FAH (%)	ASF	Operational Risk (risk/million)	
3rd Trimester	2025	0.01088	1.1	361	0.25	350	25550	1	10	0.15	Construction
1	2025	0.01088	1.1	1090	0.05	350	25550	1	10	0.09	Construction
2	2026	0.01088	1.1	1090	0.85	350	25550	1	10	1.52	Construction
2	2027	0.00719	1.1	1090	1	350	25550	1	10	1.18	Operation
3	2028	0.00719	1.1	745	1	350	25550	1	3	0.24	Operation
4	2029	0.00719	1.1	745	1	350	25550	1	3	0.24	Operation
5	2030	0.00719	1.1	745	1	350	25550	1	3	0.24	Operation
6	2031	0.00719	1.1	745	1	350	25550	1	3	0.24	Operation
7	2032	0.00719	1.1	745	1	350	25550	1	3	0.24	Operation
8	2033	0.00719	1.1	745	1	350	25550	1	3	0.24	Operation
9	2034	0.00719	1.1	745	1	350	25550	1	3	0.24	Operation
10	2035	0.00719	1.1	745	1	350	25550	1	3	0.24	Operation
11	2036	0.00719	1.1	745	1	350	25550	1	3	0.24	Operation
12	2037	0.00719	1.1	745	1	350	25550	1	3	0.24	Operation
13	2038	0.00719	1.1	745	1	350	25550	1	3	0.24	Operation
14	2039	0.00719	1.1	745	1	350	25550	1	3	0.24	Operation
15	2040	0.00719	1.1	745	1	350	25550	1	3	0.24	Operation
16	2041	0.00719	1.1	335	1	350	25550	1	1	0.04	Operation
17	2042	0.00719	1.1	335	1	350	25550	0.73	1	0.03	Operation
18	2043	0.00719	1.1	335	1	350	25550	0.73	1	0.03	Operation
19	2044	0.00719	1.1	335	1	350	25550	0.73	1	0.03	Operation
20	2045	0.00719	1.1	335	1	350	25550	0.73	1	0.03	Operation
21	2046	0.00719	1.1	335	1	350	25550	0.73	1	0.03	Operation
22	2047	0.00719	1.1	335	1	350	25550	0.73	1	0.03	Operation
23	2048	0.00719	1.1	335	1	350	25550	0.73	1	0.03	Operation
24	2049	0.00719	1.1	335	1	350	25550	0.73	1	0.03	Operation
25	2050	0.00719	1.1	335	1	350	25550	0.73	1	0.03	Operation
26	2051	0.00719	1.1	335	1	350	25550	0.73	1	0.03	Operation
27	2052	0.00719	1.1	335	1	350	25550	0.73	1	0.03	Operation
28	2053	0.00719	1.1	335	1	350	25550	0.73	1	0.03	Operation
29	2054	0.00719	1.1	335	1	350	25550	0.73	1	0.03	Operation
30	2055	0.00719	1.1	335	1	350	25550	0.73	1	0.03	Operation
30	2055	0.00719	1.1	335	0.15	350	25550	0.73	1	0.00	Operation

Carmenita Cancer Risk Assessment - Unmitigated Construction + Operaations

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance	Worker	25-year Exposure	Total Cancer risk	Chronic Non-cancer Hazard
	Construction:	**0.64363**	3.574	0.009556
	Operational:	**0.04778**		

Year	Year	Maximum DPM (ug/m3)	CPF (mg/kg-day)^-1	95% DBR (l/kg-day)	ED (years)	EF (days)	AT (years)	FAH (%)	ASF	Operational Risk (risk/million)
1	2025	0.64363	1.1	230	0.33	250	25550	1	1	0.52
2	2026	0.04778	1.1	230	0.82	250	25550	1	1	0.10
2	2027	0.04778	1.1	230	1	250	25550	1	1	0.12
3	2028	0.04778	1.1	230	1	250	25550	1	1	0.12
4	2029	0.04778	1.1	230	1	250	25550	1	1	0.12
5	2030	0.04778	1.1	230	1	250	25550	1	1	0.12
6	2031	0.04778	1.1	230	1	250	25550	1	1	0.12
7	2032	0.04778	1.1	230	1	250	25550	1	1	0.12
8	2033	0.04778	1.1	230	1	250	25550	1	1	0.12
9	2034	0.04778	1.1	230	1	250	25550	1	1	0.12
10	2035	0.04778	1.1	230	1	250	25550	1	1	0.12
11	2036	0.04778	1.1	230	1	250	25550	1	1	0.12
12	2037	0.04778	1.1	230	1	250	25550	1	1	0.12
13	2038	0.04778	1.1	230	1	250	25550	1	1	0.12
14	2039	0.04778	1.1	230	1	250	25550	1	1	0.12
15	2040	0.04778	1.1	230	1	250	25550	1	1	0.12
16	2041	0.04778	1.1	230	1	250	25550	1	1	0.12
17	2042	0.04778	1.1	230	1	250	25550	1	1	0.12
18	2043	0.04778	1.1	230	1	250	25550	1	1	0.12
19	2044	0.04778	1.1	230	1	250	25550	1	1	0.12
20	2045	0.04778	1.1	230	1	250	25550	1	1	0.12
21	2046	0.04778	1.1	230	1	250	25550	1	1	0.12
22	2047	0.04778	1.1	230	1	250	25550	1	1	0.12
23	2048	0.04778	1.1	230	1	250	25550	1	1	0.12
24	2049	0.04778	1.1	230	1	250	25550	1	1	0.12
25	2050	0.04778	1.1	230	1	250	25550	1	1	0.12
25	2050	0.04778	1.1	230	1	250	25550	1	1	0.12