Appendix E: Construction Health Risk Assessment

13040 Coast Street
Apartments Project

Construction Health Risk Assessment

Prepared for City of Garden Grove

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1 INTRODUCTION

This Construction Health Risk Assessment (HRA) evaluates the potential health impacts from construction of the Coast Street Apartments Project (proposed Project). The Project site is located at 13040 Coast Street, in the southwestern portion of the City of Garden Grove (City). The site is located along the east side of Coast Street, just south of the intersection with Garden Grove Boulevard. The Project location is shown in Figure 1, *Project Location*.

The 0.54-acre Project site is comprised of a single parcel identified as Assessor Parcel Number (APNs) 097-011-03. The Project site is currently developed with a 3,252 square foot (SF) one-story building that was previously used by a church. The Project applicant is proposing to demolish the existing building occupying the site and redevelop the site with a five story multi-family residential building with 34 dwelling units. The five-story building would have a gross floor area of 61,297 square feet (SF). The building would have a footprint of 11,904 SF and a maximum height of 65 feet, with the top of the roof at 55 feet 6-inches. Development of the site would also include landscaping, utility connections, sidewalks, parking areas, and drive aisles. For the purpose of this analysis, credit will not be taken for the existing use, to yield a conservative analysis.

The Project site has a General Plan land use designation of Medium Density Residential (MDR), which allows a maximum density of 32 units per acre. The Project site is zoned Multiple Family Residential (R-3), which allows residential development at a range of 21.1 to 32.0 dwelling units per acre. However, the proposed Project includes three units restricted for Very-Low Income households that provide a 50% density bonus, and three units restricted for Moderate Income households that provide an additional 38.75% density bonus, and contributing to the City's Regional Housing Needs Allocation (RHNA) requirements. The proposed Project is shown in Figure 2, *Project Site Details*.

The proposed Project is within the jurisdiction of the South Coast Air Quality Management District (SCAQMD).

Figure 1: Project Location

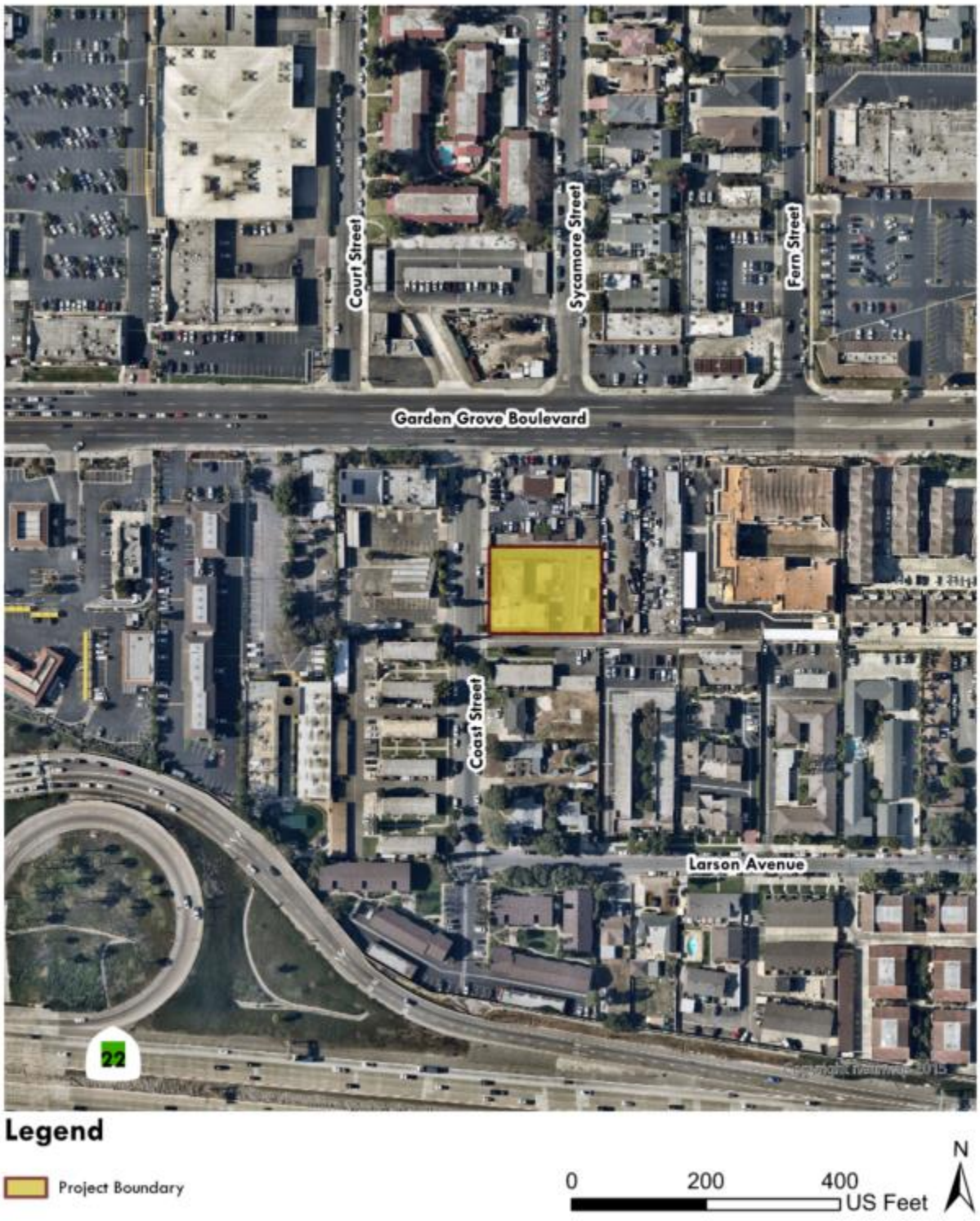
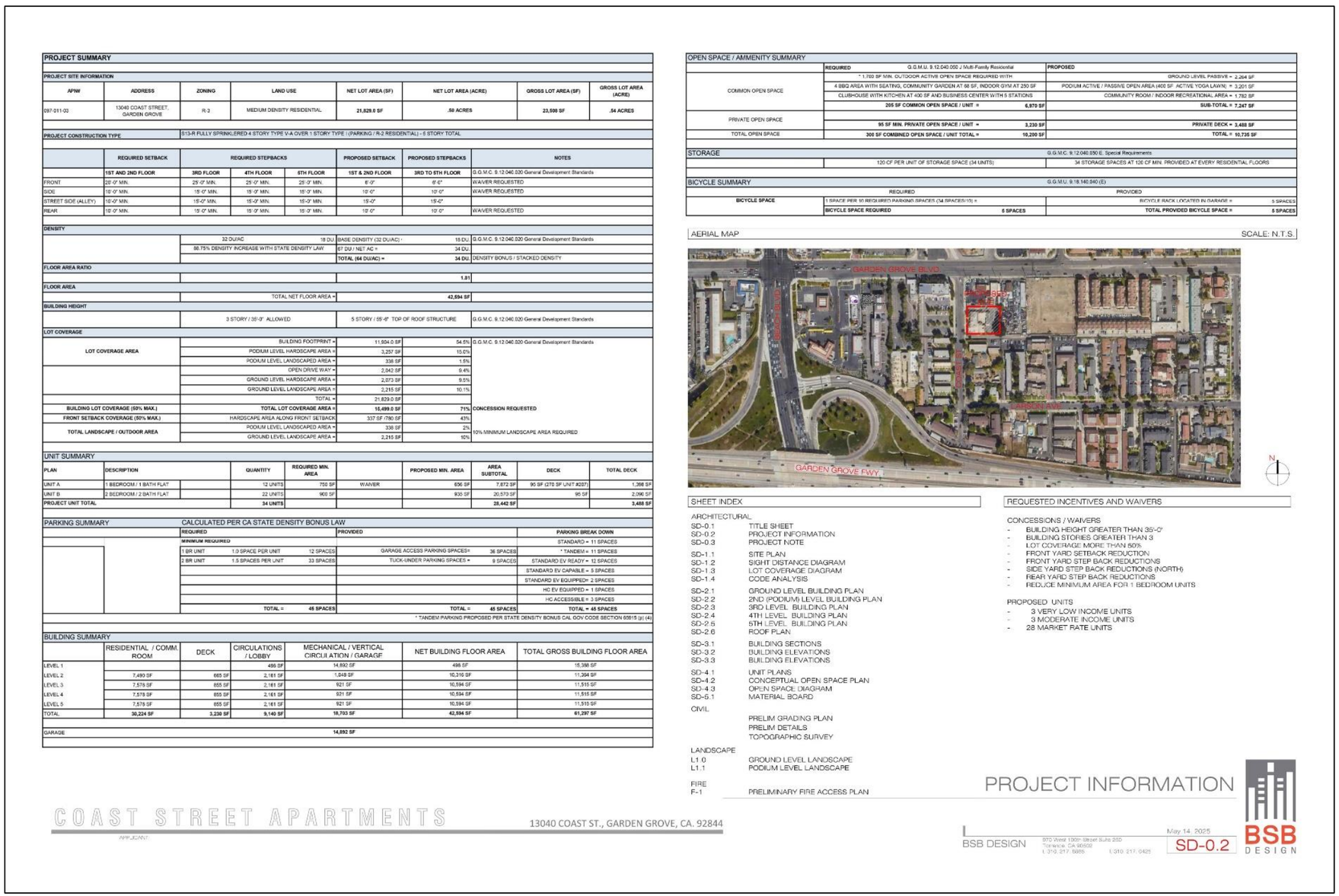


Figure 2: Project Site Details



PROJECT SUMMARY

PROJECT SITE INFORMATION

APN#	ADDRESS	ZONING	LAND USE	NET LOT AREA (SF)	NET LOT AREA (ACRE)	GROSS LOT AREA (SF)	GROSS LOT AREA (ACRE)
097-011-03	13040 COAST STREET, GARDEN GROVE	R-3	MEDIUM DENSITY RESIDENTIAL	21,829.0 SF	.50 ACRES	23,598 SF	.54 ACRES

PROJECT CONSTRUCTION TYPE: 813-R FULLY SPRINKLERED 4 STORY TYPE V-A OVER 1 STORY TYPE I (PARKING / R-2 RESIDENTIAL) - 5 STORY TOTAL

	REQUIRED SETBACK	REQUIRED STEPBACKS			PROPOSED SETBACK	PROPOSED STEPBACKS	NOTES
	1ST AND 2ND FLOOR	3RD FLOOR	4TH FLOOR	5TH FLOOR	1ST & 2ND FLOOR	3RD TO 5TH FLOOR	G.G.M.C. 9.12.040.020 General Development Standards
FRONT	20'-0" MIN.	25'-0" MIN.	25'-0" MIN.	25'-0" MIN.	6'-0"	6' 6"	WAIVER REQUESTED
SIDE	10'-0" MIN.	15'-0" MIN.	15'-0" MIN.	15'-0" MIN.	10'-0"	10'-0"	WAIVER REQUESTED
STREET SIDE (ALLEY)	10'-0" MIN.	15'-0" MIN.	15'-0" MIN.	15'-0" MIN.	15'-0"	15'-0"	
REAR	10'-0" MIN.	15'-0" MIN.	15'-0" MIN.	15'-0" MIN.	10'-0"	10'-0"	WAIVER REQUESTED

DENSITY

32 DU/AC	18 DU	BASE DENSITY (32 DU/AC) =	18 DU	G.G.M.C. 9.12.040.020 General Development Standards
88.75% DENSITY INCREASE WITH STATE DENSITY LAW		67 DU / NET AC =	34 DU	
		TOTAL (64 DU/AC) =	34 DU	DENSITY BONUS / STACKED DENSITY

FLOOR AREA RATIO

		1.91	

FLOOR AREA

TOTAL NET FLOOR AREA =		42,594 SF	

BUILDING HEIGHT

3 STORY / 36'-0" ALLOWED		5 STORY / 55'-8" TOP OF ROOF STRUCTURE	G.G.M.C. 9.12.040.020 General Development Standards

LOT COVERAGE

LOT COVERAGE AREA	BUILDING FOOTPRINT =	11,804.0 SF	54.5%	G.G.M.C. 9.12.040.020 General Development Standards
	PODIUM LEVEL HARDSCAPE AREA =	3,257 SF	15.0%	
	PODIUM LEVEL LANDSCAPED AREA =	338 SF	1.5%	
	OPEN DRIVE WAY =	2,042 SF	9.4%	
	GROUND LEVEL HARDSCAPE AREA =	2,073 SF	9.5%	
	GROUND LEVEL LANDSCAPE AREA =	2,215 SF	10.1%	
	TOTAL =	21,829.0 SF		
BUILDING LOT COVERAGE (60% MAX.)	TOTAL LOT COVERAGE AREA =	15,499.0 SF	71%	CONCESSION REQUESTED
FRONT SETBACK COVERAGE (50% MAX.)	HARDSCAPE AREA ALONG FRONT SETBACK	337 SF /780 SF	43%	
TOTAL LANDSCAPE / OUTDOOR AREA	PODIUM LEVEL LANDSCAPED AREA =	338 SF	2%	10% MINIMUM LANDSCAPE AREA REQUIRED
	GROUND LEVEL LANDSCAPE AREA =	2,215 SF	10%	

UNIT SUMMARY

PLAN	DESCRIPTION		QUANTITY	REQUIRED MIN. AREA		PROPOSED MIN. AREA	AREA SUBTOTAL	DECK	TOTAL DECK
UNIT A	1 BEDROOM / 1 BATH FLAT		12 UNITS	750 SF	WAIVER	656 SF	7,872 SF	96 SF (270 SF UNIT #207)	1,368 SF
UNIT B	2 BEDROOM / 2 BATH FLAT		22 UNITS	900 SF		933 SF	20,570 SF	95 SF	2,090 SF
PROJECT UNIT TOTAL			34 UNITS				28,442 SF		3,488 SF

PARKING SUMMARY — CALCULATED PER CA STATE DENSITY BONUS LAW

	REQUIRED			PROVIDED		PARKING BREAK DOWN
	MINIMUM REQUIRED					STANDARD = 11 SPACES
	1 BR UNIT	1.0 SPACE PER UNIT	12 SPACES	GARAGE ACCESS PARKING SPACES=	36 SPACES	* TANDEM = 11 SPACES
	2 BR UNIT	1.5 SPACES PER UNIT	33 SPACES	TUCK-UNDER PARKING SPACES =	9 SPACES	STANDARD EV READY = 12 SPACES
						STANDARD EV CAPABLE = 3 SPACES
						STANDARD EV EQUIPPED= 2 SPACES
						HC EV EQUIPPED = 1 SPACES
						HC ACCESSIBLE = 3 SPACES
	TOTAL =		45 SPACES	TOTAL =	45 SPACES	TOTAL = 45 SPACES

* TANDEM PARKING PROPOSED PER STATE DENSITY BONUS CAL GOV CODE SECTION 65915 (p) (4)

BUILDING SUMMARY

	RESIDENTIAL / COMM. ROOM	DECK	CIRCULATIONS / LOBBY	MECHANICAL / VERTICAL CIRCULATION / GARAGE	NET BUILDING FLOOR AREA	TOTAL GROSS BUILDING FLOOR AREA
LEVEL 1			496 SF	14,892 SF	496 SF	15,388 SF
LEVEL 2	7,490 SF	665 SF	2,161 SF	1,048 SF	10,316 SF	11,364 SF
LEVEL 3	7,578 SF	855 SF	2,161 SF	921 SF	10,594 SF	11,515 SF
LEVEL 4	7,578 SF	855 SF	2,161 SF	921 SF	10,594 SF	11,515 SF
LEVEL 5	7,578 SF	855 SF	2,161 SF	921 SF	10,594 SF	11,515 SF
TOTAL	30,224 SF	3,230 SF	9,140 SF	18,703 SF	42,594 SF	61,297 SF
GARAGE				14,892 SF		

OPEN SPACE / AMMENITY SUMMARY

	REQUIRED — G.G.M.U. 9.12.040.000 J Multi-Family Residential		PROPOSED	
COMMON OPEN SPACE	* 1,700 SF MIN. OUTDOOR ACTIVE OPEN SPACE REQUIRED WITH		GROUND LEVEL PASSIVE =	2,264 SF
	4 BBQ AREA WITH SEATING, COMMUNITY GARDEN AT 98 SF, INDOOR GYM AT 250 SF		PODIUM ACTIVE / PASSIVE OPEN AREA (400 SF ACTIVE YOGA LAWN) =	3,201 SF
	CLUBHOUSE WITH KITCHEN AT 400 SF AND BUSINESS CENTER WITH 5 STATIONS		COMMUNITY ROOM / INDOOR RECREATIONAL AREA =	1,782 SF
	205 SF COMMON OPEN SPACE / UNIT =	6,970 SF	SUB-TOTAL =	7,247 SF
PRIVATE OPEN SPACE	95 SF MIN. PRIVATE OPEN SPACE / UNIT =	3,230 SF	PRIVATE DECK =	3,488 SF
TOTAL OPEN SPACE	300 SF COMBINED OPEN SPACE / UNIT TOTAL =	10,200 SF	TOTAL =	10,735 SF

STORAGE — G.G.M.C. 9.12.040.050 E. Special Requirements

120 CF PER UNIT OF STORAGE SPACE (34 UNITS)	34 STORAGE SPACES AT 126 CF MIN. PROVIDED AT EVERY RESIDENTIAL FLOORS

BICYCLE SUMMARY — G.G.M.U. 9.18.140.040 (E)

	REQUIRED		PROVIDED	
BICYCLE SPACE	1 SPACE PER 10 REQUIRED PARKING SPACES (34 SPACES/10) =		BICYCLE RACK LOCATED IN GARAGE =	5 SPACES
	BICYCLE SPACE REQUIRED	5 SPACES	TOTAL PROVIDED BICYCLE SPACE =	5 SPACES

AERIAL MAP — SCALE: N.T.S.

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- BUILDING STORIES GREATER THAN 3
- LOT COVERAGE MORE THAN 50%
- FRONT YARD SETBACK REDUCTION
- FRONT YARD STEP BACK REDUCTIONS
- SIDE YARD STEP BACK REDUCTIONS (NORTH)
- REAR YARD STEP BACK REDUCTIONS
- REDUCE MINIMUM AREA FOR 1 BEDROOM UNITS

PROPOSED UNITS
- 3 VERY LOW INCOME UNITS
- 3 MODERATE INCOME UNITS
- 28 MARKET RATE UNITS

COAST STREET APARTMENTS
APPLICANT
13040 COAST ST., GARDEN GROVE, CA. 92844

PROJECT INFORMATION

BSB DESIGN 970 West 190th Street Suite 250 Torrance, CA 90502 t. 310.217.6885 f. 310.217.0425

May 14, 2025

SD-0.2

BSB DESIGN

Source: BSB Design

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1.1 Access, Circulation, Parking Summary

The proposed Project would be accessed through a driveway along Coast Street. Entrance to the site would be provided by a 30-foot-wide right-in-right-out driveway. The driveway would lead directly to a parking garage on the ground level (first floor) of the building that would include 36 vehicle parking spaces and bike racks/storage for residents. An additional 9 vehicle parking spaces would be accessed off the alley on the south side of the proposed building. A total of 45 on-site vehicle parking spaces are proposed.

The ensuing construction truck routes are described in Section 2.3, *Estimation of Project DPM Emissions*.

1.2 Purpose of the Report

To support the California Environmental Quality Act (CEQA) document for the proposed Project, this report evaluates the potential health impacts to sensitive receptors from the construction of the Project. This HRA focuses on the emissions of diesel particulate matter (DPM) from the Project's construction on-site and off-site equipment and vehicles, measuring the health risk impact of surrounding land uses. DPM has been identified by the California Air Resources Board (CARB) as a carcinogenic substance responsible for nearly 70% of the airborne cancer risk in California (California Air Resources Board, 2017). 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, Version 2022.1) to calculate exhaust emissions from mobile sources such as diesel trucks and construction equipment such as crawler tractors and cranes during the construction of the Project.
- The U.S. Environmental Protection Agency (EPA) 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) (California Office of Environmental Health Hazards Assessment, 2015) and the SCAQMD (South Coast Air Quality Management District, 2017).

1.3 Summary of the Results

The emissions from the Project construction 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 construction emissions would not result in a non-cancer risk greater than the 1.0 non-cancer hazard index (HI) threshold. The Project's maximum construction health risk results are summarized below.

Maximum Project Construction Health Risk Results:

- Sensitive/residential receptor for the 30-year lifetime exposure duration: 1.39 in one million
- Worker receptor: 0.14 in one million
- Sensitive receptor chronic non-cancer HI: less than 0.01
- Worker receptor chronic non-cancer HI: 0.02

Therefore, the construction of the proposed Project would result in less-than-significant project-level impacts for cancer and non-cancer health risks. Since there are no cumulative projects that would involve significant long-term emissions of DPM or other hazardous airborne emissions located within 0.25 miles of the Project site, the cumulative cancer and non-cancer health risk impacts would be less than significant.

2 HEALTH RISK ASSESSMENT

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

- Identification of the toxic air contaminants (TACs) that may be present in the air;
- Estimation of the amount of TACs released from all emission sources using emission models;
- Estimation of the airborne concentrations of TACs in the geographic area of concern using air dispersion models 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*" *(California Health and Safety Code)*.

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} from construction related vehicle and equipment exhaust emissions.

2.1 SCAQMD Significance Thresholds

Project-Level

The City of Garden Grove 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 Hazard Index (HI): 1.0

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

Cumulative

The SCAQMD conducted an analysis of the cumulative effects of TACs within the South Coast Air Basin as part of its *Multiple Air Toxics Exposure Study in the South Coast Air Basin* (MATES-V, the draft version of this MATES study series) (South Coast Air Quality Management District, 2021). 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.

The TAC emissions inventory used in the MATES-V study to estimate health impacts was representative of emissions for the year 2018. In addition to the MATES-V cumulative TAC-source cancer risk noted above, other new or proposed potential TAC-generating projects (related projects) in the Project area not included in the MATES V study could contribute to cumulative TAC impacts. The SCAQMD has published a white paper on addressing cumulative impacts from air pollution (South Coast Air Quality Management District, 2003). The white paper recommends a 1,000-foot distance from a proposed project to identify other development projects that could contribute to cumulative impacts with the proposed Project (South Coast Air Quality Management District, 2019). The 1,000-foot evaluation distance is supported by research-based findings concerning TAC emission dispersion rates from roadways and large sources, showing that emissions diminish substantially between 500 and 1,000 feet from emission sources. While the cumulative analysis incorporates future emissions within 1,000 feet of the source, the project-specific and cumulative significance thresholds of 10 in one million remain the same.

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

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 10 in one million implies a likelihood that up to 10 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: third trimester to birth, and 0 to 2, 2 to 16, and 16 to 30 years of age. The OEHHA recommends that the 30-year exposure duration be used as the basis for public notification and risk reduction audits and plans (California Office

of Environmental Health Hazards Assessment, 2015). 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 1

A = Inhalation absorption factor (unitless = 1)

EF = exposure frequency (days per year)

i – number of age groups

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

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

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 or 25550 days)

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

n = number of age groups

While the OEHHA recommends that the 30-year exposure duration be used as the basis for public notification and risk reduction audits and plans, the Project's construction duration is expected to only span 0.45 years, and no significant DPM emissions are anticipated to occur after the completion of the Project's construction during the operation of the Project. Thus, for the remainder of this report, the lifetime cancer risk will refer to the construction's time span of 0.45 years.

Thus, for the purpose of this HRA, the exposure duration for sensitive/residential receptors' lifetime cancer risk was assumed to only analyze a daily construction duration of eight hours, five days a week, as a reasonable assumption for the site's construction operation hours. The exposure period was assumed to span

the duration of a third trimester pre-birth in 2025 (the Project's starting year of construction) through the end of 2025, when the Project's construction is anticipated to conclude.

Estimates of cancer risk were also provided for informational purposes for adult exposure, also spanning the duration of construction.

Table 1, *Exposure Assumptions for Cancer Risk–OEHHA/SCAQMD Guidance*, 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 the construction 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)	Fraction Time at Home (FAH)	Daily Breathing Rate[1] (DBR) (l/kg-day)
	Construction		Construction			
	Hours/Day	Days/Year				
Sensitive/Residential Receptor – Pre-birth to Adult (30-year duration)						
3rd Trimester to Birth	8	250	0.25	10	1	361
0 to 2 years	8	250	0.21	10	1	1,090
2 to 16 years	8	250		3	1	745
16 to 30 years	8	250		1	0.73	335
Sensitive Receptor/Residential Child (9-year duration)						
3rd Trimester to Birth	8	250	0.25	10	1	361
0 to 2 years	8	250	0.21	10	1	1,090
2 to 9 years	8	250		3	1	861
Sensitive Receptor/Residential Receptor – Adult (30-year duration)						
17 years and older	8	250	1.62	1	0.73	335
Worker Receptor (25-years duration)						
17 years and older	8	250	1.62	1		230

Notes: [1] Daily breathing rates are representative of the 95th percentile for sensitive/residential receptors.
(L/kg-day) = liters per kilogram body weight per day
Source: (South Coast Air Quality Management District, 2017)

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 the concentration is considered acceptable to public health professionals. A significant risk is defined as an HI of 1.0 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 Construction DPM Emissions

Construction DPM Emissions

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

These travel link assumptions can be found in Appendix C.

Construction Equipment Emission Inventory Development

The first requirement to conduct the HRA involves identifying and quantifying the sources of construction DPM emissions from the Project, also termed an emissions inventory. Each piece of equipment that emits DPM is identified in terms of its location and physical characteristics (release height, release temperature, etc.) and the chemical nature of the emissions. The predominant sources of DPM emissions resulting from the construction of the Project derive from the heavy-duty diesel trucks that travel to, from, and within the Project site each day, as well as the off-road construction equipment used during the five construction phases: 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, *Construction Schedule,* shows the Project's construction schedule, and Table 3, *Proposed Project Construction Equipment Inventory*, shows the Project's proposed construction equipment. Table 4, *Proposed Construction of Vehicle Use*, shows the proposed construction vehicle use for worker, vendor, and haul trips. Table 5, *Project On-site and Off-Site Construction Source DPM Daily Emissions*, depicts the daily average DPM emissions of the Project's construction.

Table 2: Construction Schedule

Activity	Start Date	End Date	Total Working Days
Site Preparation	7/16/2025	7/17/2025	1
Grading	7/18/2025	7/20/2025	2
Building Construction	7/21/2025	12/8/2025	100
Paving	12/9/2025	12/16/2025	5
Architectural Coating	12/17/2025	12/30/2025	10

Source: CalEEMod Output Sheets (see Data Attachment in Appendix A).

Table 3: Proposed Project Construction Equipment Inventory

Activity	Equipment	Number per day	Hours per day	Horse-power	Load Factor
Site Preparation	Graders	1	8	148	0.41
	Crawler Tractors	1	8	84	0.43
Grading	Graders	1	8	148	0.41
	Rubber Tired Dozers	1	8	367	0.4
	Crawler Tractors	1	8	87	0.43
Building Construction	Cranes	1	8	367	0.29
	Forklifts	2	8	82	0.20
	Tractors/Loaders/Backhoes	2	8	84	0.37
Paving	Tractors/Loaders/Backhoes	1	8	84	0.37
	Pavers	1	8	81	0.42
	Cement and Mortar Mixers	4	8	10	0.56
	Rollers	1	8	36	0.38
Architectural Coating	Air Compressors	1	8	37	0.48

Source: CalEEMod Output Sheets (see Data Attachment in Appendix A).

Table 4: Proposed Construction of Vehicle Use

Activity	Daily Worker Trips	Daily Vendor Trips	Total Haul Trips
Site Preparation	5	0	0
Grading	8	0	15
Building Construction	31	6	0
Paving	18	0	0
Architectural Coating	6	0	0

Source: See CalEEMod Output in Appendix A.

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

Activity	Working Days	On-Site	Off-Site	Total
		Maximum Daily DPM Emissions (pounds/day)	Maximum Daily DPM Emissions (pounds/day)	Average Daily Construction Emissions (pounds/day)
Site Preparation	1	0.35	<0.01	
Grading	2	0.79	<0.01	
Building Construction	100	0.31	<0.01	
Paving	5	0.23	<0.01	
Architectural Coating	10	0.04	<0.01	
Average Daily Construction Emissions		0.79	<0.01	**0.79**
Maximum Daily Construction Emissions (pounds/day)				**0.79**

Source: See Data Attachment in Appendix C.

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).

Table 6, *General Modeling Assumptions*, and Table 7, *Summary of Construction Emissions Source Configuration*, provide the general assumptions applied in the AERMOD model (Version 23132). The AERMOD output sheets can be found in Appendix B for construction.

Table 6: 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: Santa_ana-W.DEM
Land Use	Urban – Based on land use patterns surrounding the Project site.
Meteorological Data	The Fullerton Airport National Weather Service (NWS) Station was used for the years of 2012-2016 as representative of meteorological conditions on the Project site.
Receptor Locations	A uniform network grid was used to include all existing residences and worker locations surrounding the Project site. Additional receptors were located at nearby residences and the nearby schools. Receptors were placed at ground level.
Population	Orange County: ~ 3.2 million

Source: See Data Attachment in Appendix B.

Table 7: Summary of Construction Emissions Source Configuration

Emission Source Type	Geometric Configuration	Relevant Assumptions
Construction Sources	Polygon Area Source	• Size of the construction area source was the size of the gross site acreage, approximately 0.54 acres, or 2,186.3 m^2. • Construction equipment emission source release height – 5 meters. • Emissions generated from the CalEEMod model. • Construction operation: Assumed 8 hours per day, 5 days a week.
On-Site Construction Vehicle Traffic	Line Area Sources	• Line source height of 3.11 meters (10.2 feet) and plume height of 6.2 meters (20.4 feet) (from EPA Haul Roads Calculator); Construction on-site access: • 100% of on-site truck trips utilized Coast Street *to/from* the eastern side of the Project site. • Assumed two lanes, in and out of driveways on-site as number of truck trips. • Construction operation: Assumed 8 hours per day, 5 days a week.
Construction Vehicle Traffic	Line Area Source	• Line source release height of 3.11 meters (10.2 feet) with a plume height of 6.2 meters (20.4 feet) (from EPA Haul Roads Calculator). • Identical off-site travel routes were used for the calculation of construction DPM emissions. • The assumed routes used are as follows: ○ Offsite 1: East on Coast St > West on Garden Grove Blvd > South Beach Blvd > I- 22 Junction: 100% • Construction operation: Assumed 8 hours per day, 5 days a week.

Source: See Data Attachment in Appendix B.

2.4 Receptors

The SCAQMD defines a sensitive receptor as any residence, including private homes, condominiums, apartments, and living quarters, schools, preschools, daycare centers, and health facilities such as hospitals or retirement and nursing homes. A sensitive receptor includes long-term care hospitals, hospices, prisons, and dormitories, or similar live-in housing. For the purpose of this HRA, sensitive receptors were placed within the air dispersion model at the locations of the closest existing residences and other establishments or residences nearest to the Project site that qualify as sensitive receptors. Receptor points were placed on existing residences, schools, healthcare facilities along the Project's travel routes, as well as the closest worker receptors to the Project's boundary. In addition, a uniform grid network of receptors was placed over the Project site to complete the receptor network. These receptors were used to evaluate the health risk during the Project's construction, including on-site source emissions and along the off-site Project routes. The closest

receptors to the Project site and the Project's on-site and off-site travel links approximate the maximum DPM emissions from the construction of the Project and thus yield the highest cancer risk values. The sensitive receptors closest to the Project site include residences located approximately 14.63 meters (48 feet) south of the project's southern boundary. However, the maximally impacted sensitive receptor was identified in the southwestern portion of the Project site, located approximately 82.90 feet (25.27 meters) away. The nearest worker receptor was a business located approximately 29.94 meters (98.23 feet) north of the boundary. Figure 3, *Locations of the Project's Construction On-Site and Off-Site DPM Emission Sources*, shows the locations of the Project's on-site and off-site construction-related DPM emission sources, while Figure 4, *Locations of Air Dispersion Model Receptors,* shows the receptor locations incorporated into the HRA.

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

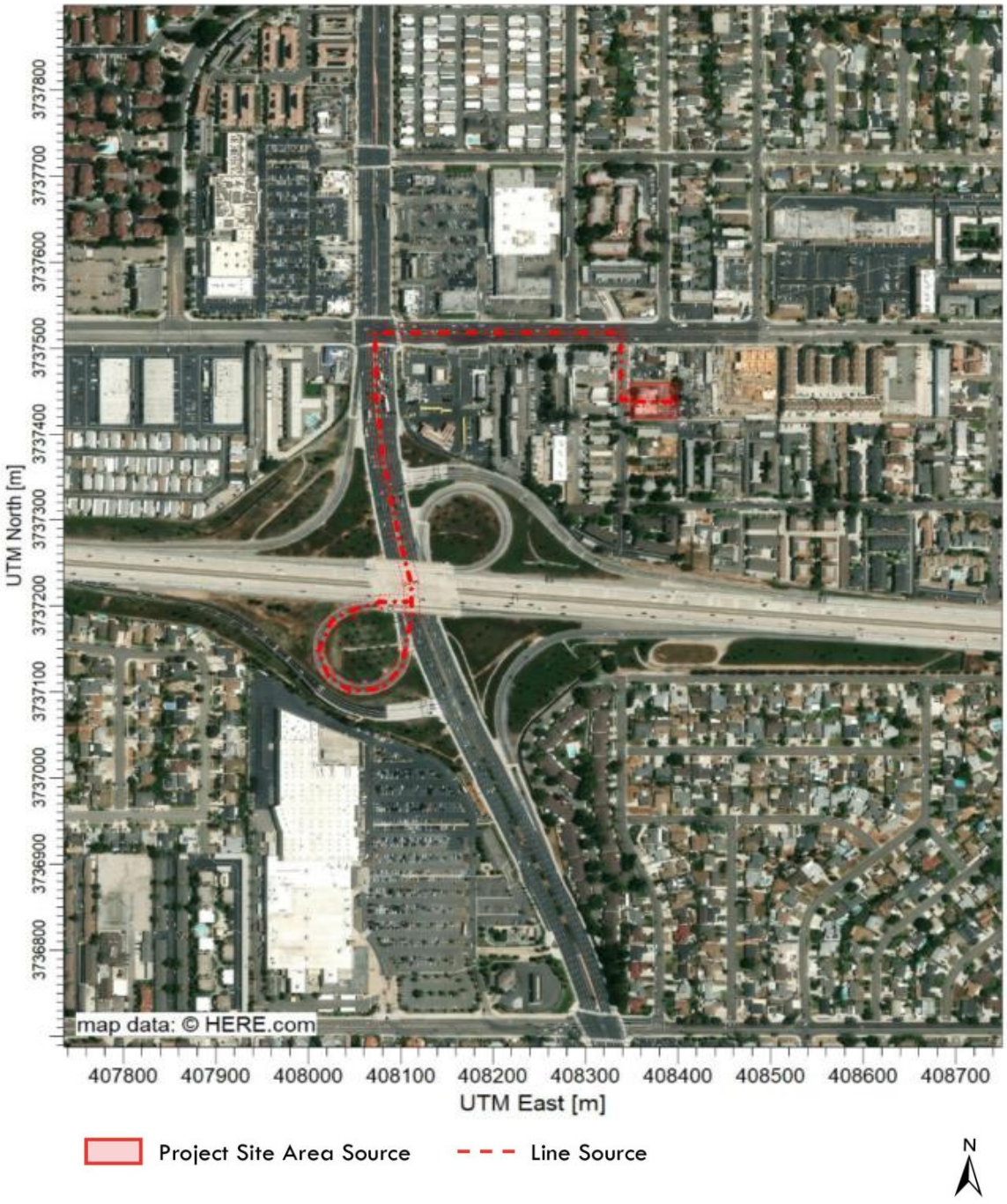


Figure 4: Locations of Air Dispersion Model Receptors

3 RESULTS OF THE HEALTH RISK ASSESSMENT

3.1 Project-Level Risk Results

Table 8, *Summary of Proposed Project Construction Health Risk*, presents a summary of the cancer risks resulting from the Project's construction DPM emissions along with the SCAQMD health risk significance thresholds. As shown in Table 8, the estimated maximum cancer risk for construction is 1.39 in one million for sensitive/residential receptors, which is below the SCAQMD cancer risk significance threshold of 10 in one million. The estimated maximum cancer risk for worker receptors during construction would be 0.14 in one million, which is below the SCAQMD cancer risk significance threshold of 10 in one million. In addition, the Project's maximum estimated construction results for non-cancer health risk would be less than 0.01, which is below the significance threshold of 1.0.

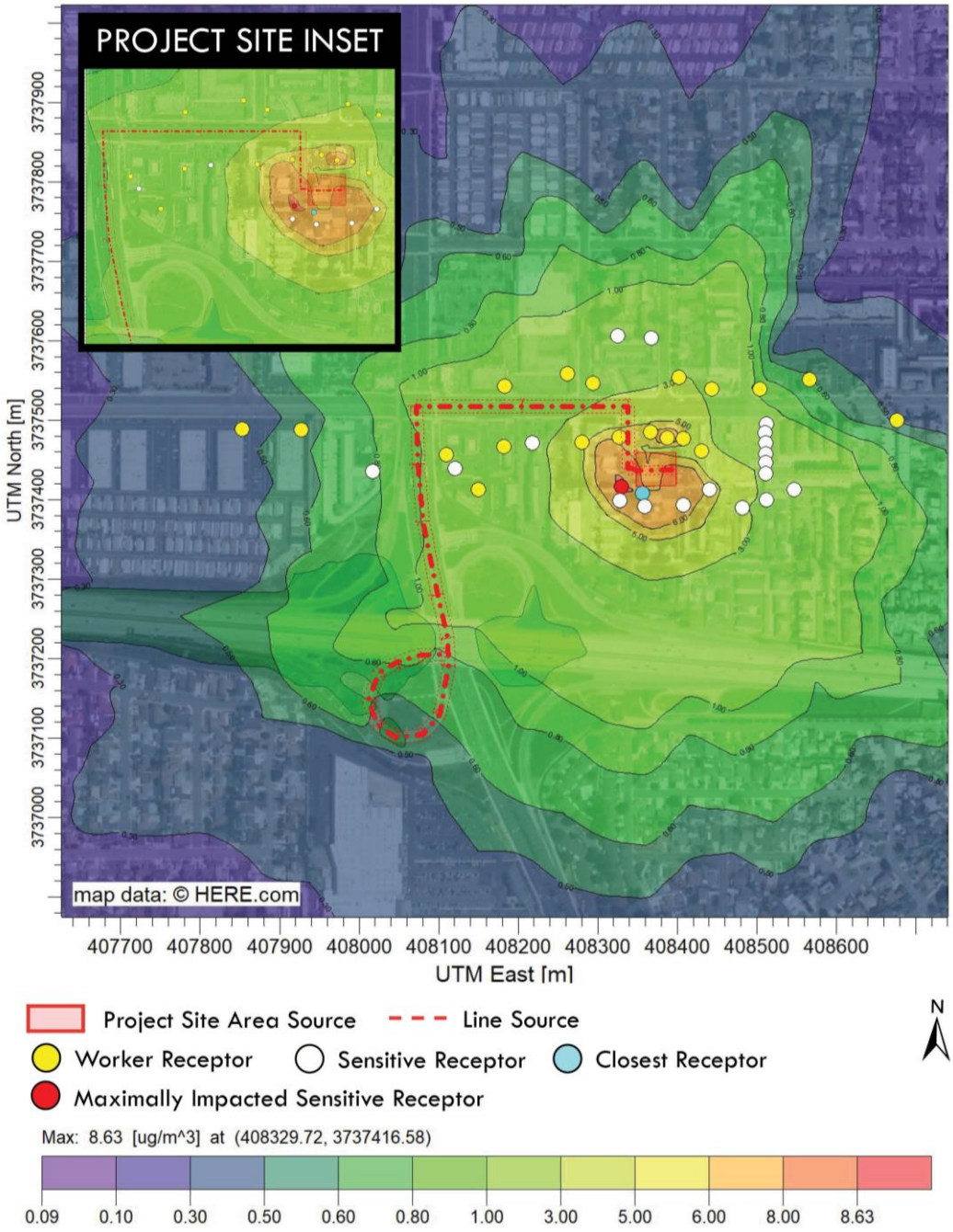
The Project construction health risk results would not exceed the SCAQMD significance thresholds of 10 in one million for cancer risk and 1.0 for non-cancer HI. Thus, the Project would have a less-than-significant impact related to both cancer and non-cancer health risks. Figure 5, *Total Construction Model Output,* displays the total emission contour output for the Project's construction model.

Table 8: 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)	1.39	10	No
Maximum Impacted Sensitive Receptor – Adult	0.05	10	No
Maximum Impacted Worker Receptor	0.14	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	No
Maximum Impacted Sensitive Receptor – Adult	<0.01	1	No
Maximum Impacted Worker Receptor	0.02	1	No

Source: See Data Attachment in Appendix D.

Figure 5: Total Construction Model Output



3.2 Cumulative Analysis

As discussed in Section 2.1, *SCAQMD Significance Thresholds*, the SCAQMD has recommended a 1,000-foot distance to identify other development projects that could contribute to cumulative impacts with a project. The search radius for this Project was extended to 0.25 miles (1,320 feet) to identify potential cumulative sources.

There are no cumulative projects that would involve significant long-term emissions of DPM or other hazardous airborne emissions located within 0.25 miles of the Project site. The Project's maximum cancer risk is below the 10 in one million project-level threshold. Therefore, the Project would result in a less-than-significant cumulative impact related to cancer and non-cancer health risks.

4 CONCLUSION

The emissions from the Project construction would not result in cancer health risk results that exceed the lifetime cancer risk threshold of 10 in one million at the maximum impacted sensitive receptor. The Project's emissions for construction impacts would also not result in a non-cancer risk greater than the 1.0 non-cancer HI threshold. The Project's maximum construction health risk impacts would result in the following:

Maximum Project Construction Health Risk Results:

- Sensitive/residential receptor for the 30-year lifetime exposure duration: 1.39 in one million
- Worker receptor: 0.14 in one million
- Sensitive receptor chronic non-cancer HI: less than 0.01
- Worker receptor chronic non-cancer HI: 0.02

The Project construction health risk results would not exceed the SCAQMD significance thresholds of 10 in one million for cancer risk and 1.0 for non-cancer HI. Therefore, the construction of the proposed Project would result in a less-than-significant Project-level for cancer and non-cancer health risks.

In addition, since there are no cumulative projects that would involve significant long-term emissions of DPM or other hazardous airborne emissions located within 0.25 miles of the Project site, the cumulative cancer and non-cancer health risk impacts would be less than significant.

5 REFERENCES

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APPENDIX A – CALEEMOD OUTPUT FOR PROJECT CONSTRUCTION

24-073 Coast St Apartments Detailed Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	24-073 Coast St Apartments
Construction Start Date	7/1/2025
Operational Year	2026
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	1.80
Precipitation (days)	6.20
Location	13040 Coast St, Garden Grove, CA 92844, USA
County	Orange
City	Garden Grove
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5813
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
Apartments Mid Rise	34.0	Dwelling Unit	0.36	61,297	2,553	—	101	—

Other Asphalt Surfaces	2.04	1000sqft	0.05	0.21	0.00	—	—	—
Enclosed Parking Structure	45.0	Space	0.00	14,892	0.00	—	—	—
Other Non-Asphalt Surfaces	1.40	Acre	1.40	0.00	337	—	—	—

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	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Unmit.	1.66	16.0	14.6	0.03	3.12	1.71	3,505
Daily, Winter (Max)	—	—	—	—	—	—	—
Unmit.	38.9	7.67	10.6	0.02	0.77	0.40	2,477
Average Daily (Max)	—	—	—	—	—	—	—
Unmit.	1.36	2.70	3.56	0.01	0.29	0.14	822
Annual (Max)	—	—	—	—	—	—	—
Unmit.	0.25	0.49	0.65	< 0.005	0.05	0.03	136
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	PM10T	PM2.5T	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—
2025	1.66	16.0	14.6	0.03	3.12	1.71	3,505
Daily - Winter (Max)	—	—	—	—	—	—	—
2025	38.9	7.67	10.6	0.02	0.77	0.40	2,477
Average Daily	—	—	—	—	—	—	—
2025	1.36	2.70	3.56	0.01	0.29	0.14	822
Annual	—	—	—	—	—	—	—
2025	0.25	0.49	0.65	< 0.005	0.05	0.03	136

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	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Unmit.	2.41	0.60	8.03	0.01	1.31	0.34	1,780
Daily, Winter (Max)	—	—	—	—	—	—	—
Unmit.	2.12	0.61	5.12	0.01	1.30	0.34	1,715
Average Daily (Max)	—	—	—	—	—	—	—
Unmit.	2.23	0.58	6.44	0.01	1.16	0.31	1,589
Annual (Max)	—	—	—	—	—	—	—
Unmit.	0.41	0.11	1.18	< 0.005	0.21	0.06	263
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	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Mobile	0.70	0.48	5.42	0.01	1.30	0.33	1,415
Area	1.70	0.02	2.58	< 0.005	< 0.005	< 0.005	7.85
Energy	0.01	0.10	0.04	< 0.005	0.01	0.01	290
Water	—	—	—	—	—	—	19.0
Waste	—	—	—	—	—	—	47.3
Refrig.	—	—	—	—	—	—	0.44
Total	2.41	0.60	8.03	0.01	1.31	0.34	1,780
Daily, Winter (Max)	—	—	—	—	—	—	—
Mobile	0.69	0.52	5.08	0.01	1.30	0.33	1,358
Area	1.42	0.00	0.00	0.00	0.00	0.00	0.00
Energy	0.01	0.10	0.04	< 0.005	0.01	0.01	290
Water	—	—	—	—	—	—	19.0
Waste	—	—	—	—	—	—	47.3
Refrig.	—	—	—	—	—	—	0.44
Total	2.12	0.61	5.12	0.01	1.30	0.34	1,715
Average Daily	—	—	—	—	—	—	—
Mobile	0.61	0.47	4.63	0.01	1.15	0.30	1,227
Area	1.61	0.02	1.76	< 0.005	< 0.005	< 0.005	5.38

Energy	0.01	0.10	0.04	< 0.005	0.01	0.01	290
Water	—	—	—	—	—	—	19.0
Waste	—	—	—	—	—	—	47.3
Refrig.	—	—	—	—	—	—	0.44
Total	2.23	0.58	6.44	0.01	1.16	0.31	1,589
Annual	—	—	—	—	—	—	—
Mobile	0.11	0.09	0.85	< 0.005	0.21	0.05	203
Area	0.29	< 0.005	0.32	< 0.005	< 0.005	< 0.005	0.89
Energy	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	48.0
Water	—	—	—	—	—	—	3.15
Waste	—	—	—	—	—	—	7.82
Refrig.	—	—	—	—	—	—	0.07
Total	0.41	0.11	1.18	< 0.005	0.21	0.06	263

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	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Off-Road Equipment	1.36	12.8	13.2	0.02	0.53	0.48	2,211
Demolition	—	—	—	—	0.85	0.13	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.35	0.36	< 0.005	0.01	0.01	60.6
Demolition	—	—	—	—	0.02	< 0.005	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.06	0.07	< 0.005	< 0.005	< 0.005	10.0
Demolition	—	—	—	—	< 0.005	< 0.005	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Worker	0.04	0.03	0.56	0.00	0.13	0.03	135
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.02	1.34	0.59	0.01	0.30	0.09	1,160
Daily, Winter (Max)	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	< 0.005	< 0.005	3.55
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.04	0.02	< 0.005	0.01	< 0.005	31.7
Annual	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.59
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	5.25

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	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Off-Road Equipment	0.66	5.62	6.13	0.01	0.35	0.33	920
Dust From Material Movement	—	—	—	—	0.28	0.03	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	2.52
Dust From Material Movement	—	—	—	—	< 0.005	< 0.005	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.42
Dust From Material Movement	—	—	—	—	< 0.005	< 0.005	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Worker	0.02	0.02	0.28	0.00	0.07	0.02	67.4
Vendor	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
Daily, Winter (Max)	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.18
Vendor	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
Annual	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.03
Vendor	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

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	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Off-Road Equipment	1.62	14.7	13.6	0.02	0.75	0.69	2,303
Dust From Material Movement	—	—	—	—	1.98	0.91	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.08	0.07	< 0.005	< 0.005	< 0.005	12.6
Dust From Material Movement	—	—	—	—	0.01	< 0.005	—
Onsite truck	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	2.09
Dust From Material Movement	—	—	—	—	< 0.005	< 0.005	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Worker	0.03	0.03	0.42	0.00	0.10	0.02	101
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.02	1.27	0.56	0.01	0.28	0.09	1,101
Daily, Winter (Max)	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.53
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	6.03
Annual	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.09
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	1.00

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	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Off-Road Equipment	0.75	7.34	9.02	0.02	0.31	0.29	1,883
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—
Off-Road Equipment	0.75	7.34	9.02	0.02	0.31	0.29	1,883
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—
Off-Road Equipment	0.21	2.01	2.47	< 0.005	0.09	0.08	516
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.37	0.45	< 0.005	0.02	0.01	85.4
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Worker	0.11	0.11	1.72	0.00	0.40	0.09	414
Vendor	0.01	0.20	0.10	< 0.005	0.05	0.02	203
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—
Worker	0.11	0.12	1.49	0.00	0.40	0.09	393
Vendor	0.01	0.21	0.10	< 0.005	0.05	0.02	202

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—
Worker	0.03	0.03	0.43	0.00	0.11	0.03	109
Vendor	< 0.005	0.06	0.03	< 0.005	0.01	< 0.005	55.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—
Worker	0.01	0.01	0.08	0.00	0.02	< 0.005	18.1
Vendor	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	9.17
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Paving (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	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Off-Road Equipment	0.61	5.24	6.25	0.01	0.23	0.21	977
Paving	0.02	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.07	0.09	< 0.005	< 0.005	< 0.005	13.4
Paving	< 0.005	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.01	0.02	< 0.005	< 0.005	< 0.005	2.21
Paving	< 0.005	—	—	—	—	—	—
Onsite truck	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	0.85	0.00	0.23	0.05	224
Vendor	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
Average Daily	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	< 0.005	< 0.005	3.11
Vendor	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
Annual	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.51
Vendor	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

3.11. Architectural Coating (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	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Off-Road Equipment	0.17	1.18	1.52	< 0.005	0.04	0.03	179
Architectural Coatings	38.7	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.03	0.04	< 0.005	< 0.005	< 0.005	4.89
Architectural Coatings	1.06	—	—	—	—	—	—
Onsite truck	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	0.81
Architectural Coatings	0.19	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Worker	0.02	0.02	0.30	0.00	0.08	0.02	78.6
Vendor	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
Average Daily	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	< 0.005	< 0.005	2.18
Vendor	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
Annual	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.36
Vendor	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

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	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Apartments Mid Rise	0.70	0.48	5.42	0.01	1.30	0.33	1,415
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Enclosed Parking Structure	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.70	0.48	5.42	0.01	1.30	0.33	1,415
Daily, Winter (Max)	—	—	—	—	—	—	—
Apartments Mid Rise	0.69	0.52	5.08	0.01	1.30	0.33	1,358
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Enclosed Parking Structure	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.69	0.52	5.08	0.01	1.30	0.33	1,358
Annual	—	—	—	—	—	—	—
Apartments Mid Rise	0.11	0.09	0.85	< 0.005	0.21	0.05	203
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Enclosed Parking Structure	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.11	0.09	0.85	< 0.005	0.21	0.05	203

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	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	119

Other Asphalt Surfaces	—	—	—	—	—	—	0.00
Enclosed Parking Structure	—	—	—	—	—	—	49.7
Other Non-Asphalt Surfaces	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	169
Daily, Winter (Max)	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	119
Other Asphalt Surfaces	—	—	—	—	—	—	0.00
Enclosed Parking Structure	—	—	—	—	—	—	49.7
Other Non-Asphalt Surfaces	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	169
Annual	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	19.7
Other Asphalt Surfaces	—	—	—	—	—	—	0.00
Enclosed Parking Structure	—	—	—	—	—	—	8.24
Other Non-Asphalt Surfaces	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	27.9

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	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Apartments Mid Rise	0.01	0.10	0.04	< 0.005	0.01	0.01	121

Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Enclosed Parking Structure	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.01	0.10	0.04	< 0.005	0.01	0.01	121
Daily, Winter (Max)	—	—	—	—	—	—	—
Apartments Mid Rise	0.01	0.10	0.04	< 0.005	0.01	0.01	121
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Enclosed Parking Structure	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.01	0.10	0.04	< 0.005	0.01	0.01	121
Annual	—	—	—	—	—	—	—
Apartments Mid Rise	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	20.1
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Enclosed Parking Structure	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	20.1

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	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—

Hearths	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	1.32	—	—	—	—	—	—
Architectural Coatings	0.11	—	—	—	—	—	—
Landscape Equipment	0.28	0.02	2.58	< 0.005	< 0.005	< 0.005	7.85
Total	1.70	0.02	2.58	< 0.005	< 0.005	< 0.005	7.85
Daily, Winter (Max)	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	1.32	—	—	—	—	—	—
Architectural Coatings	0.11	—	—	—	—	—	—
Total	1.42	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.24	—	—	—	—	—	—
Architectural Coatings	0.02	—	—	—	—	—	—
Landscape Equipment	0.03	< 0.005	0.32	< 0.005	< 0.005	< 0.005	0.89
Total	0.29	< 0.005	0.32	< 0.005	< 0.005	< 0.005	0.89

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	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	19.0
Other Asphalt Surfaces	—	—	—	—	—	—	0.00
Enclosed Parking Structure	—	—	—	—	—	—	0.00

Other Non-Asphalt Surfaces	—	—	—	—	—	—	0.02
Total	—	—	—	—	—	—	19.0
Daily, Winter (Max)	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	19.0
Other Asphalt Surfaces	—	—	—	—	—	—	0.00
Enclosed Parking Structure	—	—	—	—	—	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	0.02
Total	—	—	—	—	—	—	19.0
Annual	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	3.14
Other Asphalt Surfaces	—	—	—	—	—	—	0.00
Enclosed Parking Structure	—	—	—	—	—	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	< 0.005
Total	—	—	—	—	—	—	3.15

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	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	47.3
Other Asphalt Surfaces	—	—	—	—	—	—	0.00

Enclosed Parking Structure	—	—	—	—	—	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	47.3
Daily, Winter (Max)	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	47.3
Other Asphalt Surfaces	—	—	—	—	—	—	0.00
Enclosed Parking Structure	—	—	—	—	—	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	47.3
Annual	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	7.82
Other Asphalt Surfaces	—	—	—	—	—	—	0.00
Enclosed Parking Structure	—	—	—	—	—	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	7.82

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	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	0.44

Total	—	—	—	—	—	—	0.44
Daily, Winter (Max)	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	0.44
Total	—	—	—	—	—	—	0.44
Annual	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	0.07
Total	—	—	—	—	—	—	0.07

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	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—

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	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—

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	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	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	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	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	7/1/2025	7/15/2025	5.00	10.0	—
Site Preparation	Site Preparation	7/16/2025	7/17/2025	5.00	1.00	—
Grading	Grading	7/18/2025	7/20/2025	5.00	2.00	—
Building Construction	Building Construction	7/21/2025	12/8/2025	5.00	100	—
Paving	Paving	12/9/2025	12/16/2025	5.00	5.00	—
Architectural Coating	Architectural Coating	12/17/2025	12/30/2025	5.00	10.0	—

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	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	84.0	0.37
Demolition	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40

Demolition	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Site Preparation	Graders	Diesel	Average	1.00	8.00	148	0.41
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	0.00	8.00	84.0	0.37
Site Preparation	Crawler Tractors	Diesel	Average	1.00	8.00	87.0	0.43
Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Grading	Tractors/Loaders/Backhoes	Diesel	Average	0.00	8.00	84.0	0.37
Grading	Crawler Tractors	Diesel	Average	1.00	8.00	87.0	0.43
Building Construction	Cranes	Diesel	Average	1.00	8.00	367	0.29
Building Construction	Forklifts	Diesel	Average	2.00	8.00	82.0	0.20
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	84.0	0.37
Paving	Tractors/Loaders/Backhoes	Diesel	Average	1.00	8.00	84.0	0.37
Paving	Cement and Mortar Mixers	Diesel	Average	4.00	8.00	10.0	0.56
Paving	Pavers	Diesel	Average	1.00	8.00	81.0	0.42
Paving	Rollers	Diesel	Average	1.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	8.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	10.0	18.5	LDA,LDT1,LDT2
Demolition	Vendor	—	10.2	HHDT,MHDT

Demolition	Hauling	15.8	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	5.00	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	7.50	18.5	LDA,LDT1,LDT2
Grading	Vendor	—	10.2	HHDT,MHDT
Grading	Hauling	15.0	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	30.7	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	6.08	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	17.5	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	6.15	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	124,126	41,375	0.00	0.00	645

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (Ton of Debris)	Acres Paved (acres)
Demolition	0.00	0.00	0.00	630	—
Site Preparation	—	—	1.00	0.00	—
Grading	233	—	3.00	0.00	—
Paving	0.00	0.00	0.00	0.00	0.25

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
Apartments Mid Rise	—	0%

Other Asphalt Surfaces	0.05	100%
Enclosed Parking Structure	0.00	100%
Other Non-Asphalt Surfaces	0.20	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

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
Apartments Mid Rise	229	155	131	74,655	1,820	1,229	1,042	593,006
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Enclosed Parking Structure	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

Hearth Type	Unmitigated (number)
Apartments Mid Rise	—
Wood Fireplaces	0

Gas Fireplaces	0
Propane Fireplaces	0
Electric Fireplaces	0
No Fireplaces	34
Conventional Wood Stoves	0
Catalytic Wood Stoves	0
Non-Catalytic Wood Stoves	0
Pellet Wood Stoves	0

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)
124126.42499999999	41,375	0.00	0.00	645

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)
Apartments Mid Rise	124,638	346	0.0330	0.0040	377,633
Other Asphalt Surfaces	0.00	346	0.0330	0.0040	0.00
Enclosed Parking Structure	52,143	346	0.0330	0.0040	0.00
Other Non-Asphalt Surfaces	0.00	346	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Apartments Mid Rise	1,275,872	40,441
Other Asphalt Surfaces	0.00	0.00
Enclosed Parking Structure	0.00	0.00
Other Non-Asphalt Surfaces	0.00	4,368

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Apartments Mid Rise	25.1	—
Other Asphalt Surfaces	0.00	—
Enclosed Parking Structure	0.00	—
Other Non-Asphalt Surfaces	0.00	—

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
Apartments Mid Rise	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Apartments Mid Rise	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00

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

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

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	8.94	annual days of extreme heat
Extreme Precipitation	3.65	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	40.0
AQ-PM	69.0
AQ-DPM	82.7
Drinking Water	64.5
Lead Risk Housing	51.4
Pesticides	31.7
Toxic Releases	91.0
Traffic	93.8
Effect Indicators	—
CleanUp Sites	0.00
Groundwater	69.9
Haz Waste Facilities/Generators	29.2
Impaired Water Bodies	0.00
Solid Waste	9.67
Sensitive Population	—
Asthma	33.3
Cardio-vascular	51.3
Low Birth Weights	43.2
Socioeconomic Factor Indicators	—
Education	69.2
Housing	86.8
Linguistic	91.6
Poverty	67.9
Unemployment	70.0

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	31.00218144
Employed	59.16848454
Median HI	26.3826511
Education	—
Bachelor's or higher	45.32272552
High school enrollment	100
Preschool enrollment	54.90825099
Transportation	—
Auto Access	33.27345053
Active commuting	35.48055948
Social	—
2-parent households	23.22597203
Voting	4.38855383
Neighborhood	—
Alcohol availability	24.43218273
Park access	17.79802387
Retail density	62.06852303
Supermarket access	94.25125112
Tree canopy	23.5724368
Housing	—
Homeownership	18.06749647
Housing habitability	27.26806108
Low-inc homeowner severe housing cost burden	58.73219556
Low-inc renter severe housing cost burden	22.91800334

Uncrowded housing	30.12960349
Health Outcomes	—
Insured adults	19.91530861
Arthritis	81.7
Asthma ER Admissions	65.5
High Blood Pressure	51.5
Cancer (excluding skin)	82.6
Asthma	72.9
Coronary Heart Disease	81.5
Chronic Obstructive Pulmonary Disease	62.6
Diagnosed Diabetes	41.8
Life Expectancy at Birth	52.0
Cognitively Disabled	46.5
Physically Disabled	74.5
Heart Attack ER Admissions	57.9
Mental Health Not Good	48.5
Chronic Kidney Disease	73.0
Obesity	90.2
Pedestrian Injuries	73.8
Physical Health Not Good	47.6
Stroke	64.5
Health Risk Behaviors	—
Binge Drinking	91.0
Current Smoker	42.3
No Leisure Time for Physical Activity	23.1
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0

Children	69.7
Elderly	60.0
English Speaking	12.0
Foreign-born	96.7
Outdoor Workers	37.5
Climate Change Adaptive Capacity	—
Impervious Surface Cover	20.7
Traffic Density	90.8
Traffic Access	52.4
Other Indices	—
Hardship	63.8
Other Decision Support	—
2016 Voting	30.5

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	73.0
Healthy Places Index Score for Project Location (b)	30.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
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 to match the site plans provided by the client.
Construction: Off-Road Equipment	Assumed that all equipment would be used for 8 hours per workday. Tractors/loaders/backhoes were replaced with crawler tractors in the site preparation and grading phases.
Operations: Vehicle Data	Adjusted trip rates to match the 11th Generation ITE Trip Rates for Multifamily Housing Low Rise as generated by the Project's Trip Generation.
Operations: Hearths	Adjusted wood stoves in accordance with Rule 445. Removed gas and propane fireplaces as neither are proposed for the Project.
Construction: Construction Phases	Extended architectural coating phase from 5 to 10 days to account for building façade size.

APPENDIX B – AERMOD CONSTRUCTION MODEL OUTPUT

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 6/3/2025
** File: C:\Lakes\AERMOD View\24-073_Coast St Con\24-073_Coast St Con.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD View\24-073_Coast St Con\24-073_Coast St Con.isc
   MODELOPT DFAULT CONC
   AVERTIME 1 24 PERIOD
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL "24-073_Coast St Con.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION PAREA1       AREAPOLY   408347.633  3737459.757       16.740
** DESCRSRC Project Site
** ------------------------------------------------------------------
** Line Source Represented by Area Sources
** LINE AREA Source ID = ONS1
** DESCRSRC OnSite Travel Lenght
** PREFIX
** Length of Side = 11.00
** Ratio = 10
** Vertical Dimension = 2.46
** Emission Rate = 5.9239E-11
** Nodes = 2
** 408393.331, 3737437.663, 16.66, 2.64
** 408348.373, 3737436.950, 16.73, 2.64
** ------------------------------------------------------------------
   LOCATION A0000001     AREA     408393.244 3737443.163 16.69
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```
** End of LINE AREA Source ID = ONS1
** ----------------------------------------------------------------------
** Line Source Represented by Area Sources
** LINE AREA Source ID = ARLN1
** DESCRSRC Off Site Line 1
** PREFIX
** Length of Side = 16.00
** Ratio = 10
** Vertical Dimension = 2.46
** Emission Rate = 4.0693E-11
** Nodes = 18
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** 408072.191, 3737517.188, 16.36, 0.00
** 408074.066, 3737444.741, 16.47, 0.00
** 408080.361, 3737372.758, 16.60, 0.00
** 408098.293, 3737280.337, 16.74, 0.00
** 408111.500, 3737225.994, 18.04, 0.00
** 408112.433, 3737190.923, 17.12, 0.00
** 408101.610, 3737129.538, 17.70, 0.00
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** 408045.479, 3737100.589, 20.51, 0.00
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** 408047.605, 3737195.174, 23.42, 0.00
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   LOCATION A0000004     AREA     408337.904 3737525.121 16.63
   LOCATION A0000005     AREA     408205.048 3737525.154 16.34
   LOCATION A0000006     AREA     408064.193 3737516.981 16.32
   LOCATION A0000007     AREA     408066.096 3737444.044 16.47
   LOCATION A0000008     AREA     408072.508 3737371.234 16.86
   LOCATION A0000009     AREA     408090.519 3737278.447 16.87
   LOCATION A0000010     AREA     408103.502 3737225.781 18.63
   LOCATION A0000011     AREA     408104.554 3737192.312 17.50
   LOCATION A0000012     AREA     408095.508 3737134.713 17.20
   LOCATION A0000013     AREA     408079.423 3737112.359 18.39
   LOCATION A0000014     AREA     408050.200 3737107.048 19.91
   LOCATION A0000015     AREA     408029.757 3737120.301 20.83
   LOCATION A0000016     AREA     408018.698 3737144.758 21.83
   LOCATION A0000017     AREA     408029.489 3737175.701 22.61
   LOCATION A0000018     AREA     408050.053 3737187.558 23.15
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** End of LINE AREA Source ID = ARLN1
** Source Parameters **
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   AREAVERT PAREA1       408399.006 3737417.231 408347.961 3737416.693
** LINE AREA Source ID = ONS1
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2.459
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2.459
   SRCPARAM A0000003     4.0693E-11     0.000    77.651    16.000   -90.204
2.459
   SRCPARAM A0000004     4.0693E-11     0.000   132.856    16.000  -179.986
2.459
   SRCPARAM A0000005     4.0693E-11     0.000   132.856    16.000  -179.986
2.459
   SRCPARAM A0000006     4.0693E-11     0.000    72.471    16.000    88.517
2.459
   SRCPARAM A0000007     4.0693E-11     0.000    72.258    16.000    85.002
2.459
   SRCPARAM A0000008     4.0693E-11     0.000    94.145    16.000    79.020
2.459
   SRCPARAM A0000009     4.0693E-11     0.000    55.925    16.000    76.341
2.459
   SRCPARAM A0000010     4.0693E-11     0.000    35.083    16.000    88.476
2.459
   SRCPARAM A0000011     4.0693E-11     0.000    62.331    16.000    99.999
2.459
   SRCPARAM A0000012     4.0693E-11     0.000    32.953    16.000   130.301
2.459
   SRCPARAM A0000013     4.0693E-11     0.000    35.024    16.000   173.743
2.459
   SRCPARAM A0000014     4.0693E-11     0.000    28.790    16.000  -143.841
2.459
   SRCPARAM A0000015     4.0693E-11     0.000    32.128    16.000  -109.912
2.459
   SRCPARAM A0000016     4.0693E-11     0.000    37.674    16.000   -67.776
2.459
   SRCPARAM A0000017     4.0693E-11     0.000    25.365    16.000   -29.564
2.459
   SRCPARAM A0000018     4.0693E-11     0.000    31.256    16.000   -17.819
2.459
   SRCPARAM A0000019     4.0693E-11     0.000    29.789    16.000    -1.172
2.459
** ------------------------------------------------------------------

** Variable Emissions Type: "By Hour / Seven Days (HRDOW7)"
** Variable Emission Scenario: "Scenario 1"
   EMISFACT PAREA1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT PAREA1       HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
```

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EMISFACT PAREA1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT PAREA1       HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT PAREA1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT PAREA1       HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT PAREA1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT PAREA1       HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT PAREA1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT PAREA1       HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT PAREA1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000001     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000001     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000001     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000001     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000001     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000001     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000001     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000001     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000001     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000001     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000001     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000001     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000001     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000001     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000001     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000001     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000001     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000001     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000001     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000001     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000001     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000002     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000002     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000002     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000003     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000003     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000003     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000004     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000004     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000004     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000005     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
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EMISFACT A0000005     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000005     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000006     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000006     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000006     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000007     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000007     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000007     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000008     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000008     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000008     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000009     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000009     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000009     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000010     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000010     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000010     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000011     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000011     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000011     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000012     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000012     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000012     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000013     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000013     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000013     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000014     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000014     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000014     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000015     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000015     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000015     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000016     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000016     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000016     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000017     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000017     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000017     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000018     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000018     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000018     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000019     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000019     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000019     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000002     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000002     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000002     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000003     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000003     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000003     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT A0000004     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000004     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000004     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000005     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000005     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000005     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000006     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000006     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000006     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000007     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000007     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000007     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000008     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000008     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000008     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000009     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000009     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000009     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000010     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000010     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000010     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000011     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000011     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000011     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000012     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000012     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000012     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000013     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000013     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000013     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000014     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000014     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000014     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000015     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000015     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000015     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000016     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000016     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000016     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000017     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000017     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000017     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000018     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000018     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000018     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000019     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000019     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000019     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000002     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000002     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
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EMISFACT A0000002     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000003     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000003     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000003     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000004     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000004     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000004     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000005     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000005     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000005     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000006     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000006     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000006     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000007     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000007     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000007     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000008     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000008     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000008     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000009     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000009     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000009     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000010     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000010     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000010     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000011     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000011     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000011     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000012     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000012     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000012     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000013     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000013     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000013     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000014     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000014     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000014     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000015     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000015     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000015     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000016     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000016     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000016     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000017     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000017     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000017     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000018     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000018     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000018     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000019     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
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EMISFACT A0000019     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000019     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000002     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000002     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000002     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000003     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
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EMISFACT A0000003     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000004     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
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EMISFACT A0000004     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT A0000005     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
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EMISFACT A0000006     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000006     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000006     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000007     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000007     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000007     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000008     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000008     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000008     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000009     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
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EMISFACT A0000009     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000010     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000010     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000010     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT A0000013     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
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EMISFACT A0000013     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT A0000017     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000017     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT A0000019     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000019     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT A0000019     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT A0000002     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
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EMISFACT A0000003     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
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EMISFACT A0000006     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
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EMISFACT A0000006     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000007     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT A0000007     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
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EMISFACT A0000016     HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
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EMISFACT A0000007     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000007     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000007     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT A0000008     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT A0000009     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT A0000011     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000011     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT A0000012     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000012     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000013     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000013     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000013     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT A0000015     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000015     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000015     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT A0000016     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000017     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000017     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000017     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000018     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000018     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000018     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000019     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000019     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000019     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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SO FINISHED
**
**********************************
** AERMOD Receptor Pathway
**********************************
**
**
RE STARTING
   INCLUDED "24-073_Coast St Con.rou"
RE FINISHED
**
**********************************
** AERMOD Meteorology Pathway
**********************************
**
**
ME STARTING
   SURFFILE "..\..\Met Files\KFUL_V9_ADJU\KFUL_v9.SFC"
   PROFFILE "..\..\Met Files\KFUL_V9_ADJU\KFUL_v9.PFL"
   SURFDATA 3166 2012 Fullerton_Municipal_Airport
   UAIRDATA 3190 2012
   PROFBASE 29.3 METERS
ME FINISHED
**
**********************************
** AERMOD Output Pathway
**********************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
```

```
   RECTABLE 1 1ST
   RECTABLE 24 1ST 6TH
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "24-073_Coast St Con.AD\01H1GALL.PLT" 31
   PLOTFILE 24 ALL 1ST "24-073_Coast St Con.AD\24H1GALL.PLT" 32
   PLOTFILE 24 ALL 6TH "24-073_Coast St Con.AD\24H6GALL.PLT" 33
   PLOTFILE PERIOD ALL "24-073_Coast St Con.AD\PE00GALL.PLT" 34
   SUMMFILE "24-073_Coast St 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     573       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187     573       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


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

 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\24-073_Coast St
Con\24-073_Coast St Con.isc     ***        06/03/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:32:06

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

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

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
```

```
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses RURAL Dispersion Only.
      * 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  2 Short Term Average(s) of:   1-HR  24-HR
     and Calculates PERIOD Averages

 **This Run Includes:     20 Source(s);       1 Source Group(s); and    1640
Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:      0 VOLUME source(s)
                 and:     20 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


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

 **The AERMET Input Meteorological Data Version Date:  16216

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

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

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 29.30 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ;
Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 4.0 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: 24-073_Coast St Con.err

**File for Summary of Results: 24-073_Coast St Con.sum

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** AREA SOURCE DATA ***

SOURCE ID	NUMBER PART. 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. (DEG.)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
A0000001	0	0.59239E-10	408393.2	3737443.2	16.7	2.64	44.96	11.00	179.09	2.46	NO	HRDOW7	NO
A0000002	0	0.40693E-10	408343.9	3737447.6	16.6	0.00	5.94	16.00	178.68	2.46	NO	HRDOW7	NO
A0000003	0	0.40693E-10	408346.2	3737439.5	16.7	0.00	77.65	16.00	-90.20	2.46	NO	HRDOW7	NO
A0000004	0	0.40693E-10	408337.9	3737525.1	16.6	0.00	132.86	16.00	-179.99	2.46	NO	HRDOW7	NO
A0000005	0	0.40693E-10	408205.0	3737525.2	16.3	0.00	132.86	16.00	-179.99	2.46	NO	HRDOW7	NO
A0000006	0	0.40693E-10	408064.2	3737517.0	16.3	0.00	72.47	16.00	88.52	2.46	NO	HRDOW7	NO

```
 A0000007         0   0.40693E-10  408066.1 3737444.0    16.5     0.00     72.26
16.00     85.00     2.46     NO    HRDOW7           NO
 A0000008         0   0.40693E-10  408072.5 3737371.2    16.9     0.00     94.14
16.00     79.02     2.46     NO    HRDOW7           NO
 A0000009         0   0.40693E-10  408090.5 3737278.4    16.9     0.00     55.93
16.00     76.34     2.46     NO    HRDOW7           NO
 A0000010         0   0.40693E-10  408103.5 3737225.8    18.6     0.00     35.08
16.00     88.48     2.46     NO    HRDOW7           NO
 A0000011         0   0.40693E-10  408104.6 3737192.3    17.5     0.00     62.33
16.00    100.00     2.46     NO    HRDOW7           NO
 A0000012         0   0.40693E-10  408095.5 3737134.7    17.2     0.00     32.95
16.00    130.30     2.46     NO    HRDOW7           NO
 A0000013         0   0.40693E-10  408079.4 3737112.4    18.4     0.00     35.02
16.00    173.74     2.46     NO    HRDOW7           NO
 A0000014         0   0.40693E-10  408050.2 3737107.0    19.9     0.00     28.79
16.00   -143.84     2.46     NO    HRDOW7           NO
 A0000015         0   0.40693E-10  408029.8 3737120.3    20.8     0.00     32.13
16.00   -109.91     2.46     NO    HRDOW7           NO
 A0000016         0   0.40693E-10  408018.7 3737144.8    21.8     0.00     37.67
16.00    -67.78     2.46     NO    HRDOW7           NO
 A0000017         0   0.40693E-10  408029.5 3737175.7    22.6     0.00     25.36
16.00    -29.56     2.46     NO    HRDOW7           NO
 A0000018         0   0.40693E-10  408050.1 3737187.6    23.2     0.00     31.26
16.00    -17.82     2.46     NO    HRDOW7           NO
 A0000019         0   0.40693E-10  408077.5 3737196.7    23.5     0.00     29.79
16.00     -1.17     2.46     NO    HRDOW7           NO
↟ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\24-073_Coast St
Con\24-073_Coast St Con.isc     ***        06/03/25
 *** AERMET - VERSION  16216 ***   ***
                      ***        20:32:06

                                  PAGE   3
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*


                                                  *** AREAPOLY SOURCE DATA ***

               NUMBER EMISSION RATE   LOCATION OF AREA  BASE     RELEASE  NUMBER
 INIT.   URBAN  EMISSION RATE    AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC       X        Y      ELEV.    HEIGHT  OF VERTS.
  SZ     SOURCE  SCALAR VARY
     ID         CATS.   /METER**2)   (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -

 PAREA1           0   0.70400E-06  408347.6 3737459.8    16.7     5.00       4
  0.00     NO    HRDOW7           NO
↟ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\24-073_Coast St
Con\24-073_Coast St Con.isc     ***        06/03/25
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 ,

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = PAREA1   ; SOURCE TYPE = AREAPOLY :

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

```
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\24-073_Coast St
Con\24-073_Coast St Con.isc     ***        06/03/25
 *** AERMET - VERSION  16216 ***   ***
                      ***        20:32:06

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = A0000001     ; SOURCE TYPE = AREA     :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

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- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = A0000002 ; SOURCE TYPE = AREA :

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

```
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\24-073_Coast St
Con\24-073_Coast St Con.isc     ***        06/03/25
 *** AERMET - VERSION  16216 ***   ***
                      ***        20:32:06

                                PAGE   8
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = A0000003     ; SOURCE TYPE = AREA     :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
```

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



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

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = A0000004     ; SOURCE TYPE = AREA     :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
```

```
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\24-073_Coast St
Con\24-073_Coast St Con.isc     ***        06/03/25
 *** AERMET - VERSION  16216 ***   ***
                      ***        20:32:06
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = A0000005 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = MONDAY

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

DAY OF WEEK = TUESDAY

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

DAY OF WEEK = WEDNESDY

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

DAY OF WEEK = THURSDAY

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

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00						

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

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = A0000006 ; SOURCE TYPE = AREA :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -

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

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\24-073_Coast St
Con\24-073_Coast St Con.isc     ***        06/03/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:32:06

                                   PAGE  12
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = A0000007     ; SOURCE TYPE = AREA     :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

```
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\24-073_Coast St
Con\24-073_Coast St Con.isc     ***        06/03/25
 *** AERMET - VERSION  16216 ***   ***
                      ***        20:32:06

                                  PAGE  13
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *
```

```
 SOURCE ID = A0000008     ; SOURCE TYPE = AREA     :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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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 RURAL ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = A0000009   ; SOURCE TYPE = AREA   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                DAY OF WEEK = MONDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = FRIDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\24-073_Coast St
Con\24-073_Coast St Con.isc     ***        06/03/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:32:06

                                  PAGE  15
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = A0000010     ; SOURCE TYPE = AREA     :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\24-073_Coast St
Con\24-073_Coast St Con.isc     ***        06/03/25
 *** AERMET - VERSION  16216 ***   ***
                      ***        20:32:06

                                PAGE  16
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = A0000011     ; SOURCE TYPE = AREA     :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

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- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = A0000012 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = MONDAY

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

DAY OF WEEK = TUESDAY

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

DAY OF WEEK = WEDNESDY

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

DAY OF WEEK = THURSDAY

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

DAY OF WEEK = FRIDAY

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

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = A0000013   ; SOURCE TYPE = AREA   :
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- -
DAY OF WEEK = MONDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
DAY OF WEEK = TUESDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
DAY OF WEEK = WEDNESDY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00

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   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 = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = A0000014     ; SOURCE TYPE = AREA     :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
```

```
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\24-073_Coast St
Con\24-073_Coast St Con.isc     ***        06/03/25
 *** AERMET - VERSION  16216 ***   ***
                      ***        20:32:06
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = A0000015 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = MONDAY

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

DAY OF WEEK = TUESDAY

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

DAY OF WEEK = WEDNESDY

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

DAY OF WEEK = THURSDAY

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

DAY OF WEEK = FRIDAY

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

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00						

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = A0000016   ; SOURCE TYPE = AREA   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                              DAY OF WEEK = MONDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\24-073_Coast St
Con\24-073_Coast St Con.isc     ***        06/03/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:32:06

                                   PAGE  22
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = A0000017     ; SOURCE TYPE = AREA     :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

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



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *
```

```
 SOURCE ID = A0000018     ; SOURCE TYPE = AREA     :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

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

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = A0000019   ; SOURCE TYPE = AREA   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                DAY OF WEEK = MONDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = FRIDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\24-073_Coast St
Con\24-073_Coast St Con.isc     ***        06/03/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:32:06

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                       *** GRIDDED RECEPTOR NETWORK SUMMARY ***

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

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

       407512.3,  407565.5,  407618.6,  407671.7,  407724.9,  407778.0,  407831.1,
407884.2,  407937.4,  407990.5,
       408043.6,  408096.8,  408149.9,  408203.0,  408256.2,  408309.3,  408362.4,
408415.5,  408468.7,  408521.8,
       408574.9,  408628.1,  408681.2,  408734.3,  408787.5,  408840.6,  408893.7,
408946.8,  409000.0,  409053.1,
       409106.2,  409159.4,  409212.5,  409265.6,  409318.8,  409371.9,  409425.0,
409478.1,  409531.3,  409584.4,


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

      3736708.3, 3736750.2, 3736792.1, 3736834.0, 3736875.9, 3736917.9, 3736959.8,
```

3737001.7, 3737043.6, 3737085.5,
      3737127.5, 3737169.4, 3737211.3, 3737253.2, 3737295.1, 3737337.1, 3737379.0,
3737420.9, 3737462.8, 3737504.7,
      3737546.7, 3737588.6, 3737630.5, 3737672.4, 3737714.3, 3737756.3, 3737798.2,
3737840.1, 3737882.0, 3737923.9,
      3737965.9, 3738007.8, 3738049.7, 3738091.6, 3738133.5, 3738175.5, 3738217.4,
3738259.3, 3738301.2, 3738343.1,

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

                                                 * ELEVATION HEIGHTS IN METERS *

    Y-COORD | X-COORD (METERS)
    (METERS) | 407512.33   407565.46   407618.59   407671.72   407724.85
407777.98   407831.11   407884.24   407937.37
 -
- -

  3738343.14 | 17.60   17.00   17.10   16.30   17.30
   17.40   17.50   17.70   17.80
  3738301.22 | 17.50   17.60   15.00   17.50   17.40
   17.60   17.80   18.00   18.10
  3738259.30 | 17.50   14.70   17.00   17.30   17.30
   17.60   17.70   18.00   18.10
  3738217.38 | 15.50   16.60   17.20   17.40   17.30
   17.50   17.50   17.80   17.80
  3738175.46 | 17.40   16.70   17.20   17.40   17.70
   17.80   17.90   19.00   18.70
  3738133.54 | 17.30   16.80   17.20   17.20   17.30
   17.40   17.50   19.10   18.60
  3738091.62 | 17.30   16.90   17.20   17.30   17.90
   17.90   17.80   17.30   17.40
  3738049.70 | 17.20   17.10   17.20   17.30   17.30
   17.60   17.70   18.00   17.20
  3738007.78 | 17.20   17.20   17.30   17.50   16.90
   18.10   18.60   18.00   17.40
  3737965.86 | 17.10   17.30   17.50   17.50   17.30
   18.20   18.20   17.60   17.30
  3737923.94 | 17.10   17.00   17.10   17.10   17.60
   17.70   18.10   17.30   17.00
  3737882.02 | 17.00   16.70   16.80   17.10   17.30

 17.40 17.40 17.10 16.80
3737840.10 | 16.90 17.00 16.70 16.90 16.70
 16.50 16.90 16.60 17.10
3737798.18 | 16.80 17.10 16.80 16.90 16.80
 16.60 17.10 16.70 17.00
3737756.26 | 16.60 16.80 16.20 16.70 16.90
 17.30 17.10 16.80 17.00
3737714.34 | 16.30 16.70 16.30 16.70 16.80
 17.30 17.10 16.60 17.00
3737672.42 | 16.20 15.80 16.30 16.70 16.70
 16.60 17.10 16.50 16.80
3737630.50 | 15.90 16.10 16.70 16.40 17.20
 17.10 17.20 16.40 16.70
3737588.58 | 16.10 15.90 16.00 16.30 16.40
 16.70 16.80 16.30 16.50
3737546.66 | 16.20 16.10 16.00 16.40 16.30
 16.40 16.60 16.10 16.00
3737504.74 | 16.30 15.70 15.70 15.70 15.70
 15.60 15.60 15.70 15.80
3737462.82 | 16.00 15.70 16.00 16.20 16.00
 15.90 15.80 15.70 15.90
3737420.90 | 15.90 15.50 15.80 16.00 16.00
 15.90 15.80 15.70 15.90
3737378.98 | 15.80 15.00 15.00 15.10 15.20
 15.30 15.30 15.40 15.80
3737337.06 | 15.70 14.90 14.80 14.80 15.00
 15.10 15.10 15.30 15.80
3737295.14 | 15.60 20.50 20.20 19.00 17.80
 17.00 16.20 16.00 22.10
3737253.22 | 17.50 23.90 24.80 24.70 24.60
 24.50 24.40 24.20 24.10
3737211.30 | 15.30 14.80 15.30 16.20 19.30
 22.40 23.90 23.90 23.60
3737169.38 | 15.10 14.70 14.60 14.80 15.00
 15.30 15.40 15.20 22.20
3737127.46 | 14.90 14.70 14.50 15.10 15.10
 15.20 15.30 15.20 15.50
3737085.54 | 14.80 14.70 14.40 15.00 14.90
 15.30 15.20 15.00 15.60
3737043.62 | 14.60 14.70 14.40 14.90 14.80
 15.00 15.10 15.00 15.30
3737001.70 | 14.60 14.60 14.30 14.90 14.80
 15.00 15.10 14.90 15.30
3736959.78 | 14.50 14.50 14.30 14.40 14.50
 14.60 14.70 14.80 15.40
3736917.86 | 14.40 14.60 14.20 14.70 14.90
 15.10 15.10 14.90 15.40
3736875.94 | 14.40 14.50 14.10 14.60 14.70
 14.90 14.90 15.30 15.10
3736834.02 | 14.30 14.50 14.10 14.60 14.60

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	407990.50	408043.63	408096.76	408149.89	408203.02
408256.15	408309.28	408362.41	408415.54		

3738343.14 | 18.00 18.10 18.50 18.80 18.90
18.90 19.10 19.20 19.20
3738301.22 | 18.30 18.10 18.60 18.60 18.80
18.70 18.80 18.80 18.90
3738259.30 | 18.20 18.50 18.40 17.70 17.80
18.10 18.20 18.30 18.70
3738217.38 | 18.00 18.20 18.40 17.80 18.30
19.00 18.90 18.40 18.80
3738175.46 | 18.60 18.90 18.40 17.90 18.40
19.10 18.80 18.60 18.80
3738133.54 | 18.60 18.80 18.40 18.00 18.20
18.50 18.60 18.60 18.80
3738091.62 | 17.90 17.70 18.20 18.20 18.40
18.50 18.40 18.30 18.40
3738049.70 | 17.40 17.60 18.00 17.70 18.00
18.10 18.10 18.00 18.20
3738007.78 | 17.40 17.70 17.70 17.70 17.70
17.90 17.80 18.00 18.20
3737965.86 | 17.30 17.90 17.50 17.70 17.50
17.60 17.80 18.00 18.00
3737923.94 | 16.90 17.30 17.20 17.00 17.20
17.30 17.50 17.70 17.80
3737882.02 | 17.10 17.50 17.20 17.40 17.40
17.20 17.50 17.70 17.70

3737840.10 | 16.90 17.10 17.10 17.40 17.20
17.10 17.50 17.50 17.30
3737798.18 | 16.80 17.30 16.90 17.20 17.20
17.00 17.30 17.20 17.10
3737756.26 | 16.70 17.00 16.90 17.00 17.30
16.90 17.00 17.00 16.90
3737714.34 | 16.50 16.80 16.70 17.00 17.00
16.80 16.70 16.70 16.80
3737672.42 | 16.40 16.80 16.70 16.90 17.60
17.50 17.20 16.80 16.80
3737630.50 | 16.20 16.80 16.50 16.30 17.40
16.60 17.20 17.20 17.20
3737588.58 | 16.10 16.80 16.20 16.10 17.00
16.90 16.50 16.60 17.30
3737546.66 | 16.30 16.60 16.30 16.60 16.60
16.80 16.80 17.00 17.00
3737504.74 | 16.00 16.20 16.10 16.00 16.30
16.60 16.80 16.70 16.70
3737462.82 | 16.60 16.60 16.00 16.30 16.50
16.40 16.90 17.00 16.60
3737420.90 | 16.50 17.00 16.10 16.80 16.60
16.10 16.90 16.50 16.50
3737378.98 | 16.20 18.00 16.20 16.40 16.40
16.10 16.40 16.40 16.80
3737337.06 | 19.90 20.30 16.50 17.50 16.70
15.80 16.40 16.30 16.70
3737295.14 | 21.40 21.10 16.60 16.10 18.50
16.90 16.30 16.60 16.50
3737253.22 | 24.00 23.80 17.20 20.70 21.50
16.30 17.30 16.30 16.20
3737211.30 | 24.00 24.00 19.50 20.80 22.20
20.90 19.50 18.30 17.70
3737169.38 | 16.70 20.00 17.50 16.70 20.90
18.30 16.80 17.10 17.30
3737127.46 | 22.20 18.20 17.50 16.70 16.50
16.50 16.60 16.00 16.60
3737085.54 | 15.40 20.30 17.70 16.90 17.50
17.10 16.30 16.20 16.40
3737043.62 | 15.30 15.20 15.30 16.90 16.60
16.40 16.20 16.00 16.00
3737001.70 | 15.30 15.30 14.80 15.60 16.70
16.10 16.20 16.20 16.20
3736959.78 | 15.30 15.30 14.80 15.60 16.30
16.20 15.90 15.80 15.90
3736917.86 | 15.30 15.30 14.80 15.60 16.30
16.20 15.70 15.70 16.30
3736875.94 | 15.30 15.30 14.90 15.60 16.10
16.30 15.80 15.60 16.30
3736834.02 | 15.30 15.30 14.80 15.30 15.90
16.00 15.80 15.70 16.00

Y-COORD (METERS)	X-COORD (METERS)								
	408468.67	408521.80	408574.93	408628.06	408681.19	408734.32	408787.45	408840.58	408893.71
3738343.14	19.30	19.40	19.50	19.70	19.60	19.80	19.90	20.10	20.20
3738301.22	19.20	19.50	19.50	19.50	19.90	20.30	20.30	20.50	20.20
3738259.30	19.00	19.20	19.50	19.60	18.90	19.00	19.10	19.40	20.10
3738217.38	18.80	19.10	19.30	19.50	18.70	19.10	19.10	19.40	20.00
3738175.46	18.90	19.30	19.20	19.50	18.50	18.70	18.80	19.40	19.80
3738133.54	18.90	19.40	19.40	19.10	18.40	18.90	18.80	19.20	19.60
3738091.62	18.50	17.90	18.50	18.30	18.30	18.50	18.50	19.00	19.30
3738049.70	18.40	17.80	18.50	18.30	18.20	18.70	18.80	19.10	19.10
3738007.78	18.00	17.70	17.40	18.20	18.10	18.20	18.20	18.90	18.90
3737965.86	17.90	17.70	18.40	18.20	18.00	18.60	18.60	18.90	18.60
3737923.94	17.70	17.40	17.60	17.70	17.70	17.90	18.00	18.20	18.30
3737882.02	17.70	17.90	17.90	18.10	18.10	18.20	18.30	18.60	18.30
3737840.10	17.40	17.70	17.30	17.60	17.90

 17.60 17.90 18.40 18.10
3737798.18 | 17.20 17.60 17.30 17.70 17.80
 17.70 17.90 18.30 18.00
3737756.26 | 17.10 17.50 17.30 17.60 17.70
 17.60 17.90 18.20 17.80
3737714.34 | 16.90 17.00 17.10 17.20 17.30
 17.40 17.50 17.70 17.70
3737672.42 | 16.90 16.60 16.70 16.80 17.00
 17.10 17.30 17.50 17.60
3737630.50 | 16.90 17.20 17.30 17.30 17.20
 17.60 17.70 17.90 17.80
3737588.58 | 16.80 16.70 16.60 16.70 16.90
 17.10 17.20 17.40 17.90
3737546.66 | 17.00 16.60 17.20 17.50 17.50
 17.70 17.90 18.10 17.90
3737504.74 | 16.90 17.10 17.30 17.10 17.30
 17.30 17.50 17.60 17.80
3737462.82 | 17.00 17.70 17.80 17.40 17.80
 17.30 17.60 17.70 17.90
3737420.90 | 16.80 17.40 17.50 17.20 17.50
 17.50 17.90 17.70 18.10
3737378.98 | 16.90 17.00 16.80 17.50 17.50
 17.30 17.80 17.60 18.10
3737337.06 | 16.70 17.00 16.70 17.40 17.30
 17.30 17.90 17.50 17.90
3737295.14 | 16.50 17.00 16.90 17.30 17.10
 17.20 17.60 17.50 18.00
3737253.22 | 16.20 16.80 16.80 17.50 17.60
 17.30 17.50 17.50 18.10
3737211.30 | 17.60 17.60 17.50 16.60 17.30
 17.00 17.40 17.40 17.90
3737169.38 | 17.50 17.70 17.90 18.00 18.20
 18.40 19.00 19.90 20.90
3737127.46 | 16.50 16.70 16.80 16.90 17.30
 17.10 17.30 18.10 20.00
3737085.54 | 16.60 16.60 16.80 16.90 16.70
 17.10 17.30 17.50 17.30
3737043.62 | 16.10 16.20 16.40 16.60 16.70
 17.20 16.90 17.20 17.20
3737001.70 | 16.40 16.40 16.50 16.90 16.70
 16.90 16.80 17.20 16.90
3736959.78 | 16.00 16.30 16.30 16.70 16.60
 17.10 16.70 17.10 16.90
3736917.86 | 16.00 16.50 16.60 16.30 16.40
 16.30 16.70 17.00 16.80
3736875.94 | 15.80 16.50 16.10 16.70 16.30
 16.60 16.70 17.10 16.80
3736834.02 | 15.70 16.20 16.40 16.20 16.40
 16.80 16.50 17.10 16.70
3736792.10 | 15.70 16.10 16.40 16.10 16.50

Y-COORD (METERS)	X-COORD (METERS)					
	408946.84	408999.97	409053.10	409106.23	409159.36	409212.49
	409265.62	409318.75	409371.88			
3738343.14	20.70	20.80	20.50	21.30	21.30	21.50
	21.60	21.80	21.80			
3738301.22	20.70	20.60	20.60	21.20	21.30	21.40
	21.40	21.90	21.60			
3738259.30	20.40	21.00	20.70	20.80	21.00	21.30
	21.10	21.20	21.50			
3738217.38	21.00	20.90	20.60	20.80	20.70	21.00
	20.80	21.20	21.40			
3738175.46	20.70	20.40	20.20	20.30	20.50	20.50
	20.50	20.70	21.00			
3738133.54	20.00	20.20	19.90	20.10	20.30	20.10
	20.30	20.60	20.80			
3738091.62	19.90	20.20	20.10	19.60	20.00	19.90
	20.20	20.40	20.60			
3738049.70	18.90	19.40	19.60	19.60	19.80	20.10
	20.40	20.50	20.60			
3738007.78	19.10	19.40	19.60	19.50	19.70	19.60
	20.30	20.50	20.50			
3737965.86	19.20	19.10	19.30	19.50	19.50	19.70
	20.00	20.10	20.30			
3737923.94	18.60	18.80	18.90	19.20	19.30	19.50
	19.70	20.10	20.20			
3737882.02	19.10	18.80	19.00	19.10	19.80	19.60
	20.00	19.90	19.90			
3737840.10	18.50	18.30	18.70	18.90	19.10	19.80
	20.00	20.20	20.30			

3737798.18 | 18.20 18.30 18.40 18.80 19.00
19.80 19.60 19.70 20.10
3737756.26 | 18.10 18.20 18.70 18.70 19.00
19.00 19.40 19.50 19.70
3737714.34 | 18.10 18.10 18.40 18.60 18.80
19.00 19.20 20.00 20.00
3737672.42 | 18.20 18.20 18.50 18.60 19.00
19.20 19.40 19.30 19.30
3737630.50 | 18.30 18.30 18.80 18.80 19.10
19.50 19.50 19.60 19.90
3737588.58 | 18.20 18.20 18.60 18.80 19.00
19.20 19.60 19.80 19.70
3737546.66 | 18.10 18.30 18.80 18.70 19.10
19.20 19.60 19.50 19.70
3737504.74 | 18.20 18.30 18.60 18.80 18.80
19.00 19.20 19.40 19.60
3737462.82 | 18.10 18.40 18.50 18.90 18.80
19.70 19.30 19.70 20.00
3737420.90 | 18.00 18.50 18.90 18.80 18.70
19.40 19.10 19.50 20.10
3737378.98 | 18.00 18.40 18.80 18.80 18.40
18.60 19.00 19.50 19.60
3737337.06 | 17.90 18.40 18.50 18.60 18.50
19.10 19.10 19.20 19.20
3737295.14 | 17.90 18.30 18.40 18.70 18.50
18.60 18.90 19.00 19.60
3737253.22 | 17.70 18.30 19.00 18.80 18.20
18.60 18.80 19.10 19.00
3737211.30 | 17.70 18.20 18.90 18.60 18.10
18.60 18.90 19.50 19.10
3737169.38 | 22.40 22.60 21.50 18.50 18.00
18.30 18.30 19.30 19.40
3737127.46 | 20.20 20.80 23.70 25.00 21.80
20.40 18.20 19.00 19.00
3737085.54 | 17.80 18.30 18.00 18.60 20.10
25.40 25.60 19.00 19.90
3737043.62 | 17.80 18.20 18.30 18.20 17.90
19.10 24.70 25.90 18.70
3737001.70 | 18.10 18.40 18.00 17.70 17.90
18.10 18.10 24.30 25.60
3736959.78 | 18.00 18.50 18.30 17.80 17.80
17.70 18.40 18.30 24.20
3736917.86 | 18.00 17.90 17.80 18.00 17.50
17.60 18.10 18.00 18.40
3736875.94 | 17.10 17.20 17.40 17.80 17.50
18.00 18.00 18.00 18.50
3736834.02 | 17.00 17.10 17.30 17.60 17.60
17.70 18.00 17.80 18.40
3736792.10 | 16.80 17.10 17.60 17.70 17.40
17.60 17.60 17.80 18.10

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 409425.01	409478.14	409531.27	409584.40
3738343.14	21.80	22.30	22.20	22.60
3738301.22	22.10	22.20	22.00	22.40
3738259.30	21.20	21.50	21.70	21.80
3738217.38	21.10	21.30	21.10	21.30
3738175.46	20.90	21.20	20.90	21.60
3738133.54	20.90	21.10	20.80	21.40
3738091.62	20.80	21.10	20.80	21.30
3738049.70	20.70	20.90	21.10	21.40
3738007.78	20.70	20.80	20.90	21.20
3737965.86	20.60	20.70	20.60	20.90
3737923.94	20.70	20.80	20.60	20.70
3737882.02	20.20	20.30	20.50	20.60
3737840.10	20.60	20.50	20.40	20.50
3737798.18	20.20	20.50	20.40	20.40
3737756.26	19.90	20.10	20.30	20.30
3737714.34	20.10	20.40	20.00	20.10
3737672.42	19.40	19.60	19.70	19.90
3737630.50	20.00	20.00	20.60	20.70
3737588.58	20.00	20.10	20.30	20.50
3737546.66	19.90	19.90	20.20	20.30
3737504.74	19.70	19.90	20.10	20.40
3737462.82	19.90	20.40	20.30	20.10
3737420.90	19.20	19.70	20.00	20.20
3737378.98	19.30	19.70	19.90	19.90
3737337.06	19.20	19.50	20.00	20.00
3737295.14	19.00	19.50	19.60	20.00
3737253.22	18.70	19.10	19.60	20.00
3737211.30	19.50	19.50	19.70	19.80
3736750.18	16.80	17.10	17.60	17.30	17.40	17.70	17.80	17.90	18.00
3736708.26	16.60	16.70	16.80	17.00	16.90	17.30	17.40	17.60	17.80

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	407512.33	407565.46	407618.59	407671.72	407724.85	407777.98
407831.11	407884.24	407937.37				
3738343.14	17.60	17.00	17.10	17.70	17.30	17.40
17.50	17.70	17.80				
3738301.22	17.50	17.60	17.70	17.50	17.40	17.60
17.80	18.00	18.10				
3738259.30	17.50	17.80	17.00	17.30	17.30	17.60
17.70	18.00	18.10				
3738217.38	17.70	16.60	17.20	17.40	17.30	17.50
17.50	17.80	17.80				
3738175.46	17.40	16.70	17.20	17.40	17.70	17.80
17.90	19.00	18.70				
3738133.54	17.30	16.80	17.20	17.20	17.30	17.40
17.50	19.10	18.60				
3738091.62	17.30	16.90	17.20	17.30	17.90	17.90
17.80	17.30	17.40				
3738049.70	17.20	17.10	17.20	17.30	17.30	17.60
17.70	18.00	17.20				
3738007.78	17.20	17.20	17.30	17.50	16.90	18.10
18.60	18.00	17.40				
3737965.86	17.10	17.30	17.50	17.50	17.30	19.40
19.70	19.40	19.20				
3737127.46	19.40	19.10	19.60	19.30		
3737085.54	20.00	19.80	19.30	19.10		
3737043.62	20.30	19.50	19.70	19.10		
3737001.70	18.90	19.10	19.20	18.90		
3736959.78	25.60	18.70	18.70	18.70		
3736917.86	24.90	23.90	18.50	18.80		
3736875.94	18.50	25.20	23.20	18.60		
3736834.02	18.50	21.30	25.30	20.10		
3736792.10	18.60	18.80	20.80	25.30		
3736750.18	18.00	18.10	18.30	26.90		
3736708.26	17.90	17.90	18.00	18.10		

 18.20 18.20 17.60 17.30
3737923.94 | 17.10 17.00 17.10 17.10 17.60
 17.70 18.10 17.30 17.00
3737882.02 | 17.00 16.70 16.80 17.10 17.30
 17.40 17.40 17.10 16.80
3737840.10 | 16.90 17.00 16.70 16.90 16.70
 16.50 16.90 16.60 17.10
3737798.18 | 16.80 17.10 16.80 16.90 16.80
 16.60 17.10 16.70 17.00
3737756.26 | 16.60 16.80 16.20 16.70 16.90
 17.30 17.10 16.80 17.00
3737714.34 | 16.30 16.70 16.30 16.70 16.80
 17.30 17.10 16.60 17.00
3737672.42 | 16.20 15.80 16.30 16.70 16.70
 16.60 17.10 16.50 16.80
3737630.50 | 15.90 16.10 16.70 16.40 17.20
 17.10 17.20 16.40 16.70
3737588.58 | 16.10 15.90 16.00 16.30 16.40
 16.70 16.80 16.30 16.50
3737546.66 | 16.20 16.10 16.00 16.40 16.30
 16.40 16.60 16.10 16.00
3737504.74 | 16.30 15.70 15.70 15.70 15.70
 15.60 15.60 15.70 15.80
3737462.82 | 16.00 15.70 16.00 16.20 16.00
 15.90 15.80 15.70 15.90
3737420.90 | 15.90 15.50 15.80 16.00 16.00
 15.90 15.80 15.70 15.90
3737378.98 | 15.80 24.70 15.00 15.10 15.20
 15.30 15.30 15.40 15.80
3737337.06 | 25.20 25.00 25.00 25.00 24.70
 24.70 24.50 24.40 24.10
3737295.14 | 25.20 25.00 25.00 24.90 24.70
 24.70 24.60 24.50 22.10
3737253.22 | 25.20 25.00 24.80 24.70 24.60
 24.50 24.40 24.20 24.10
3737211.30 | 25.20 25.20 25.00 25.00 24.70
 24.30 23.90 23.90 23.60
3737169.38 | 25.20 25.00 25.00 24.90 24.70
 24.70 24.60 24.50 23.40
3737127.46 | 14.90 14.70 14.50 15.10 15.10
 15.20 23.80 23.80 23.70
3737085.54 | 14.80 14.70 14.40 15.00 14.90
 15.30 15.20 15.00 22.70
3737043.62 | 14.60 14.70 14.40 14.90 14.80
 15.00 15.10 15.00 15.30
3737001.70 | 14.60 14.60 14.30 14.90 14.80
 15.00 15.10 14.90 15.30
3736959.78 | 14.50 14.50 14.30 14.40 14.50
 14.60 14.70 14.80 15.40
3736917.86 | 14.40 14.60 14.20 14.70 14.90

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)									
	407990.50	408043.63	408096.76	408149.89	408203.02	408256.15	408309.28	408362.41	408415.54	
3738343.14	18.00	18.10	18.50	18.80	18.90	18.90	19.10	19.20	19.20	
3738301.22	18.30	18.10	18.60	18.60	18.80	18.70	18.80	18.80	18.90	
3738259.30	18.20	18.50	18.40	17.70	17.80	18.10	18.20	18.30	18.70	
3738217.38	18.00	18.20	18.40	17.80	18.30	19.00	18.90	18.40	18.80	
3738175.46	18.60	18.90	18.40	17.90	18.40	19.10	18.80	18.60	18.80	
3738133.54	18.60	18.80	18.40	18.00	18.20	18.50	18.60	18.60	18.80	
3738091.62	17.90	17.70	18.20	18.20	18.40	18.50	18.40	18.30	18.40	
3738049.70	17.40	17.60	18.00	17.70	18.00	18.10	18.10	18.00	18.20	
3738007.78	17.40	17.70	17.70	17.70	17.70	17.90	17.80	18.00	18.20	
3737965.86	17.30	17.90	17.50	17.70	17.50	17.60	17.80	18.00	18.00	

3737923.94 | 16.90 17.30 17.20 17.00 17.20
17.30 17.50 17.70 17.80
3737882.02 | 17.10 17.50 17.20 17.40 17.40
17.20 17.50 17.70 17.70
3737840.10 | 16.90 17.10 17.10 17.40 17.20
17.10 17.50 17.50 17.30
3737798.18 | 16.80 17.30 16.90 17.20 17.20
17.00 17.30 17.20 17.10
3737756.26 | 16.70 17.00 16.90 17.00 17.30
16.90 17.00 17.00 16.90
3737714.34 | 16.50 16.80 16.70 17.00 17.00
16.80 16.70 16.70 16.80
3737672.42 | 16.40 16.80 16.70 16.90 17.60
17.50 17.20 16.80 16.80
3737630.50 | 16.20 16.80 16.50 16.30 17.40
16.60 17.20 17.20 17.20
3737588.58 | 16.10 16.80 16.20 16.10 17.00
16.90 16.50 16.60 17.30
3737546.66 | 16.30 16.60 16.30 16.60 16.60
16.80 16.80 17.00 17.00
3737504.74 | 16.00 16.20 16.10 16.00 16.30
16.60 16.80 16.70 16.70
3737462.82 | 16.60 16.60 16.00 16.30 16.50
16.40 16.90 17.00 16.60
3737420.90 | 16.50 17.00 16.10 16.80 16.60
16.10 16.90 16.50 16.50
3737378.98 | 19.60 18.00 16.20 16.40 16.40
16.10 16.40 16.40 16.80
3737337.06 | 19.90 20.30 16.50 17.50 19.70
17.30 16.40 16.30 16.70
3737295.14 | 21.40 21.10 24.20 22.90 20.10
21.10 16.30 16.60 16.50
3737253.22 | 24.00 23.80 24.30 22.70 21.50
21.80 17.30 16.30 16.20
3737211.30 | 24.00 24.00 24.20 23.10 22.20
20.90 19.50 18.30 17.70
3737169.38 | 24.30 24.00 24.20 23.10 21.30
20.80 19.80 17.10 17.30
3737127.46 | 22.20 23.10 17.50 16.70 21.30
17.80 16.60 16.00 16.60
3737085.54 | 23.10 20.30 18.30 16.90 17.50
17.10 16.30 16.20 16.40
3737043.62 | 21.80 21.30 19.80 16.90 16.60
16.40 16.20 16.00 16.00
3737001.70 | 15.30 15.30 14.80 15.60 16.70
16.10 16.20 16.20 16.20
3736959.78 | 15.30 15.30 14.80 15.60 16.30
16.20 15.90 15.80 15.90
3736917.86 | 15.30 15.30 14.80 15.60 16.30
16.20 15.70 15.70 16.30

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)									
	408468.67	408521.80	408574.93	408628.06	408681.19	408734.32	408787.45	408840.58	408893.71	
3738343.14	19.30	19.40	19.50	19.70	19.60	19.80	19.90	20.10	20.20	
3738301.22	19.20	19.50	19.50	19.50	19.90	20.30	20.30	20.50	20.20	
3738259.30	19.00	19.20	19.50	19.60	18.90	19.00	19.10	20.60	20.10	
3738217.38	18.80	19.10	19.30	19.50	18.70	19.10	19.10	20.60	20.00	
3738175.46	18.90	19.30	19.20	19.50	18.50	18.70	18.80	20.40	19.80	
3738133.54	18.90	19.40	19.40	19.10	18.40	18.90	18.80	19.20	19.60	
3738091.62	18.50	17.90	18.50	18.30	18.30	18.50	18.50	19.00	19.30	
3738049.70	18.40	17.80	18.50	18.30	18.20	18.70	18.80	19.10	19.10	
3738007.78	18.00	17.70	18.40	18.20	18.10	18.20	18.20	18.90	18.90	
3737965.86	17.90	17.70	18.40	18.20	18.00	18.60	18.60	18.90	18.60	
3737923.94	17.70	17.40	17.60	17.70	17.70					

 17.90 18.00 18.20 18.30
3737882.02 | 17.70 17.90 17.90 18.10 18.10
 18.20 18.30 18.60 18.30
3737840.10 | 17.40 17.70 17.30 17.60 17.90
 17.60 17.90 18.40 18.10
3737798.18 | 17.20 17.60 17.30 17.70 17.80
 17.70 17.90 18.30 18.00
3737756.26 | 17.10 17.50 17.30 17.60 17.70
 17.60 17.90 18.20 17.80
3737714.34 | 16.90 17.00 17.10 17.20 17.30
 17.40 17.50 17.70 17.70
3737672.42 | 16.90 16.60 16.70 16.80 17.00
 17.10 17.30 17.50 17.60
3737630.50 | 16.90 17.20 17.30 17.30 17.20
 17.60 17.70 17.90 17.80
3737588.58 | 16.80 16.70 16.60 16.70 16.90
 17.10 17.20 17.40 17.90
3737546.66 | 17.00 16.60 17.20 17.50 17.50
 17.70 17.90 18.10 17.90
3737504.74 | 16.90 17.10 17.30 17.10 17.30
 17.30 17.50 17.60 17.80
3737462.82 | 17.00 17.70 17.80 17.40 17.80
 17.30 17.60 17.70 17.90
3737420.90 | 16.80 17.40 17.50 17.20 17.50
 17.50 17.90 17.70 18.10
3737378.98 | 16.90 17.00 16.80 17.50 17.50
 17.30 17.80 17.60 18.10
3737337.06 | 16.70 17.00 16.70 17.40 17.30
 17.30 17.90 17.50 17.90
3737295.14 | 16.50 17.00 16.90 17.30 17.10
 17.20 17.60 17.50 18.00
3737253.22 | 16.20 16.80 16.80 17.50 17.60
 17.30 17.50 17.50 18.10
3737211.30 | 17.60 17.60 17.50 17.90 17.30
 17.00 17.40 17.40 17.90
3737169.38 | 17.50 17.70 17.90 18.00 18.20
 18.40 19.00 19.90 20.90
3737127.46 | 16.50 16.70 16.80 16.90 17.30
 17.10 17.30 20.10 20.00
3737085.54 | 16.60 16.60 16.80 16.90 16.70
 17.10 17.30 17.50 17.30
3737043.62 | 16.10 16.20 16.40 16.60 16.70
 17.20 16.90 17.20 17.20
3737001.70 | 16.40 16.40 16.50 16.90 16.70
 16.90 16.80 17.20 16.90
3736959.78 | 16.00 16.30 16.30 16.70 16.60
 17.10 16.70 17.10 16.90
3736917.86 | 16.00 16.50 16.60 16.30 16.40
 16.30 16.70 17.00 16.80
3736875.94 | 15.80 16.50 16.10 16.70 16.30

Y-COORD (METERS)	408946.84	408999.97	409053.10	409106.23	409159.36	409212.49	409265.62	409318.75	409371.88
						16.60	16.70	17.10	16.80
3736834.02	15.70	16.20	16.40	16.20	16.40	16.80	16.50	17.10	16.70
3736792.10	15.70	16.10	16.40	16.10	16.50	16.40	16.70	17.00	16.60
3736750.18	15.70	16.10	16.20	16.00	16.30	16.60	16.60	16.90	16.60
3736708.26	15.60	15.70	15.60	15.70	15.90	16.00	16.20	16.30	16.40

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 408946.84	408999.97	409053.10	409106.23	409159.36	409212.49	409265.62	409318.75	409371.88
3738343.14	20.70	20.80	20.50	21.30	21.30	21.50	21.60	21.80	21.80
3738301.22	20.70	20.60	20.60	21.20	21.30	21.40	21.40	21.90	21.60
3738259.30	20.40	21.00	20.70	20.80	21.00	21.30	21.10	21.20	21.50
3738217.38	21.00	20.90	20.60	20.80	20.70	21.00	20.80	21.20	21.40
3738175.46	20.70	20.40	20.20	20.30	20.50	20.50	20.50	20.70	21.00
3738133.54	20.00	20.20	19.90	20.10	20.30	20.10	20.30	20.60	20.80
3738091.62	19.90	20.20	20.10	19.60	20.00	19.90	20.20	20.40	20.60
3738049.70	18.90	19.40	19.60	19.60	19.80	20.10	20.40	20.50	20.60
3738007.78	19.10	19.40	19.60	19.50	19.70	19.60	20.30	20.50	20.50
3737965.86	19.20	19.10	19.30	19.50	19.50	19.70	20.00	20.10	20.30
3737923.94	18.60	18.80	18.90	19.20	19.30	19.50	19.70	20.10	20.20

3737882.02 | 19.10 18.80 19.00 19.10 19.80
19.60 20.00 19.90 19.90
3737840.10 | 18.50 18.30 18.70 18.90 19.10
19.80 20.00 20.20 20.30
3737798.18 | 18.20 18.30 18.40 18.80 19.00
19.80 19.60 19.70 20.10
3737756.26 | 18.10 18.20 18.70 18.70 19.00
19.00 19.40 19.50 19.70
3737714.34 | 18.10 18.10 18.40 18.60 18.80
19.00 19.20 20.00 20.00
3737672.42 | 18.20 18.20 18.50 18.60 19.00
19.20 19.40 19.30 19.30
3737630.50 | 18.30 18.30 18.80 18.80 19.10
19.50 19.50 19.60 19.90
3737588.58 | 18.20 18.20 18.60 18.80 19.00
19.20 19.60 19.80 19.70
3737546.66 | 18.10 18.30 18.80 18.70 19.10
19.20 19.60 19.50 19.70
3737504.74 | 18.20 18.30 18.60 18.80 18.80
19.00 19.20 19.40 19.60
3737462.82 | 18.10 18.40 18.50 18.90 18.80
19.70 19.30 19.70 20.00
3737420.90 | 18.00 18.50 18.90 18.80 18.70
19.40 19.10 19.50 20.10
3737378.98 | 18.00 18.40 18.80 18.80 18.40
18.60 19.00 19.50 19.60
3737337.06 | 17.90 18.40 18.50 18.60 18.50
19.10 19.10 19.20 19.20
3737295.14 | 17.90 18.30 18.40 18.70 18.50
18.60 18.90 19.00 19.60
3737253.22 | 17.70 18.30 19.00 18.80 18.20
18.60 18.80 19.10 19.00
3737211.30 | 23.40 24.80 25.30 26.10 26.10
18.60 18.90 19.50 19.10
3737169.38 | 22.40 24.00 25.50 26.10 26.60
26.60 26.60 19.30 19.40
3737127.46 | 21.70 23.50 23.70 25.00 26.60
26.60 26.60 26.50 19.00
3737085.54 | 17.80 18.30 25.40 26.30 26.60
25.40 26.50 26.50 26.40
3737043.62 | 17.80 18.20 18.30 24.40 26.60
26.60 24.70 25.90 26.40
3737001.70 | 18.10 18.40 18.00 17.70 17.90
25.10 26.40 24.30 25.60
3736959.78 | 18.00 18.50 18.30 17.80 17.80
17.70 18.40 26.20 24.20
3736917.86 | 18.00 17.90 17.80 18.00 17.50
17.60 18.10 18.00 25.90
3736875.94 | 17.10 17.20 17.40 17.80 17.50
18.00 18.00 18.00 24.80

3736834.02 |	17.00	17.10	17.30	17.60	17.60	17.70	18.00	17.80	18.40
3736792.10 |	16.80	17.10	17.60	17.70	17.40	17.60	17.60	17.80	18.10
3736750.18 |	16.80	17.10	17.60	17.30	17.40	17.70	17.80	17.90	18.00
3736708.26 |	16.60	16.70	16.80	17.00	16.90	17.30	17.40	17.60	17.80

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 409425.01	409478.14	409531.27	409584.40
3738343.14	21.80	22.30	22.20	22.60
3738301.22	22.10	22.20	22.00	22.40
3738259.30	21.20	21.50	21.70	21.80
3738217.38	21.10	21.30	21.10	21.30
3738175.46	20.90	21.20	20.90	21.60
3738133.54	20.90	21.10	20.80	21.40
3738091.62	20.80	21.10	20.80	21.30
3738049.70	20.70	20.90	21.10	21.40
3738007.78	20.70	20.80	20.90	21.20
3737965.86	20.60	20.70	20.60	20.90
3737923.94	20.70	20.80	20.60	20.70
3737882.02	20.20	20.30	20.50	20.60
3737840.10	20.60	20.50	20.40	20.50
3737798.18	20.20	20.50	20.40	20.40
3737756.26	19.90	20.10	20.30	20.30
3737714.34	20.10	20.40	20.00	20.10
3737672.42	19.40	19.60	19.70	19.90
3737630.50	20.00	20.00	20.60	20.70
3737588.58	20.00	20.10	20.30	20.50
3737546.66	19.90	19.90	20.20	20.30
3737504.74	19.70	19.90	20.10	20.40
3737462.82	19.90	20.40	20.30	20.10
3737420.90	19.20	19.70	20.00	20.20
3737378.98	19.30	19.70	19.90	19.90

3737337.06	19.20	19.50	20.00	20.00
3737295.14	19.00	19.50	19.60	20.00
3737253.22	18.70	19.10	19.60	20.00
3737211.30	19.50	19.50	19.70	19.80
3737169.38	19.40	19.70	19.40	19.20
3737127.46	19.40	19.10	19.60	19.30
3737085.54	20.00	19.80	19.30	19.10
3737043.62	26.10	20.30	19.70	19.10
3737001.70	26.20	25.80	19.20	18.90
3736959.78	25.60	25.90	18.70	18.70
3736917.86	24.90	25.10	25.40	18.80
3736875.94	25.40	25.20	25.20	25.30
3736834.02	25.30	26.00	25.30	25.80
3736792.10	18.60	26.00	26.20	25.30
3736750.18	18.00	26.00	27.00	26.90
3736708.26	17.90	17.90	27.00	27.00

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(408366.4, 3737485.4, 17.0, 17.0, 0.0); (408430.1, 3737461.1, 16.7, 16.7, 0.0);
(408182.0, 3737466.7, 16.8, 16.8, 0.0); (408150.1, 3737412.7, 16.9, 16.9, 0.0);
(408109.6, 3737456.3, 16.4, 16.4, 0.0); (408217.5, 3737471.7, 16.8, 16.8, 0.0);
(408016.8, 3737435.5, 16.4, 16.4, 0.0); (408279.9, 3737472.8, 16.6, 16.6, 0.0);
(408798.6, 3737545.0, 17.9, 17.9, 0.0); (408676.1, 3737499.8, 17.5, 17.5, 0.0);
(407927.2, 3737488.1, 15.9, 15.9, 0.0); (407852.9, 3737488.8, 15.7, 15.7, 0.0);
(408566.6, 3737551.5, 17.1, 17.1, 0.0); (408261.4, 3737558.8, 17.0, 17.0, 0.0);
(408120.7, 3737439.8, 16.6, 16.6, 0.0); (408512.1, 3737495.1, 17.2, 17.2, 0.0);
(408510.1, 3737484.4, 17.2, 17.2, 0.0); (408511.4, 3737471.8, 17.3, 17.3, 0.0);
(408511.6, 3737457.3, 17.4, 17.4, 0.0); (408356.3, 3737407.9, 16.5, 16.5, 0.0);
(408511.6, 3737446.6, 17.4, 17.4, 0.0); (408511.1, 3737433.2, 17.3, 17.3, 0.0);

```
     ( 408327.2, 3737479.2,      16.8,      16.8,       0.0);         ( 408329.7,
3737416.6,      16.7,      16.7,       0.0);
     ( 408387.6, 3737478.2,      17.0,      17.0,       0.0);         ( 408407.5,
3737476.5,      16.7,      16.7,       0.0);
     ( 408293.5, 3737546.4,      16.5,      16.5,       0.0);         ( 408183.2,
3737543.0,      16.8,      16.8,       0.0);
     ( 408402.1, 3737553.9,      17.1,      17.1,       0.0);         ( 408440.7,
3737412.3,      16.7,      16.7,       0.0);
     ( 408407.3, 3737393.6,      16.7,      16.7,       0.0);         ( 408359.4,
3737391.6,      16.4,      16.4,       0.0);
     ( 408512.3, 3737400.0,      17.0,      17.0,       0.0);         ( 408481.6,
3737390.1,      16.9,      16.9,       0.0);
     ( 408443.7, 3737538.9,      17.0,      17.0,       0.0);         ( 408503.6,
3737538.9,      16.8,      16.8,       0.0);
     ( 408367.2, 3737603.9,      17.1,      17.1,       0.0);         ( 408324.8,
3737606.2,      17.0,      17.0,       0.0);
     ( 408547.3, 3737413.0,      17.2,      17.2,       0.0);         ( 408327.5,
3737398.9,      16.5,      16.5,       0.0);
```



```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  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

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

Surface file: ..\..\Met Files\KFUL_V9_ADJU\KFUL_v9.SFC
Met Version: 16216
Profile file: ..\..\Met Files\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)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\24-073_Coast St
Con\24-073_Coast St Con.isc     ***        06/03/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:32:06

                                   PAGE  39
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
```

VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000001
, A0000002 , A0000003 , A0000004 ,
A0000005 , A0000006 , A0000007 , A0000008 , A0000009
, A0000010 , A0000011 , A0000012 ,
A0000013 , A0000014 , A0000015 , A0000016 , A0000017
, A0000018 , A0000019 ,

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

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

Y-COORD (METERS)	X-COORD (METERS)								
	407512.33	407565.46	407618.59	407671.72	407724.85	407777.98	407831.11	407884.24	407937.37
3738343.14	0.00004	0.00004	0.00004	0.00004	0.00004	0.00005	0.00005	0.00006	0.00006
3738301.22	0.00004	0.00004	0.00004	0.00004	0.00005	0.00005	0.00005	0.00006	0.00007
3738259.30	0.00004	0.00005	0.00005	0.00005	0.00005	0.00005	0.00006	0.00006	0.00007
3738217.38	0.00005	0.00005	0.00005	0.00005	0.00005	0.00006	0.00006	0.00007	0.00007
3738175.46	0.00005	0.00005	0.00005	0.00005	0.00006	0.00006	0.00006	0.00007	0.00008
3738133.54	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006	0.00007	0.00007	0.00008
3738091.62	0.00006	0.00006	0.00006	0.00006	0.00007	0.00007	0.00007	0.00008	0.00009
3738049.70	0.00006	0.00007	0.00007	0.00007	0.00007	0.00008	0.00008	0.00008	0.00009
3738007.78	0.00007	0.00007	0.00007	0.00008	0.00008	0.00008	0.00009	0.00009	0.00010
3737965.86	0.00008	0.00008	0.00008	0.00009	0.00009	0.00009	0.00010	0.00010	0.00011
3737923.94	0.00009	0.00009	0.00009	0.00009	0.00010	0.00010	0.00011	0.00012	0.00012
3737882.02	0.00010	0.00010	0.00010	0.00011	0.00011	0.00012	0.00012	0.00013	0.00014
3737840.10	0.00011	0.00011	0.00012	0.00012	0.00013	0.00013	0.00014	0.00015	0.00016
3737798.18	0.00012	0.00013	0.00013	0.00014	0.00014	0.00015	0.00016	0.00017	0.00019
3737756.26	0.00014	0.00015	0.00015	0.00016	0.00017	0.00018	0.00019	0.00020	0.00022

 3737714.34 | 0.00016   0.00017   0.00018   0.00019   0.00020
0.00021   0.00023   0.00024   0.00026
 3737672.42 | 0.00019   0.00020   0.00021   0.00023   0.00024
0.00026   0.00028   0.00030   0.00032
 3737630.50 | 0.00022   0.00023   0.00025   0.00027   0.00029
0.00031   0.00034   0.00037   0.00041
 3737588.58 | 0.00024   0.00026   0.00029   0.00031   0.00034
0.00038   0.00042   0.00047   0.00053
 3737546.66 | 0.00027   0.00029   0.00032   0.00036   0.00040
0.00045   0.00051   0.00058   0.00068
 3737504.74 | 0.00029   0.00032   0.00035   0.00039   0.00044
0.00051   0.00059   0.00069   0.00083
 3737462.82 | 0.00030   0.00033   0.00037   0.00042   0.00048
0.00055   0.00064   0.00077   0.00093
 3737420.90 | 0.00030   0.00034   0.00038   0.00043   0.00049
0.00056   0.00066   0.00079   0.00096
 3737378.98 | 0.00030   0.00033   0.00037   0.00042   0.00048
0.00055   0.00064   0.00076   0.00091
 3737337.06 | 0.00029   0.00032   0.00036   0.00040   0.00045
0.00051   0.00058   0.00068   0.00080
 3737295.14 | 0.00027   0.00030   0.00033   0.00036   0.00040
0.00045   0.00051   0.00057   0.00063
 3737253.22 | 0.00025   0.00028   0.00030   0.00032   0.00035
0.00037   0.00040   0.00043   0.00047
 3737211.30 | 0.00023   0.00025   0.00026   0.00028   0.00030
0.00031   0.00032   0.00034   0.00036
 3737169.38 | 0.00020   0.00022   0.00023   0.00024   0.00025
0.00027   0.00028   0.00030   0.00029
 3737127.46 | 0.00018   0.00019   0.00020   0.00020   0.00021
0.00022   0.00023   0.00024   0.00025
 3737085.54 | 0.00016   0.00016   0.00017   0.00017   0.00018
0.00019   0.00019   0.00020   0.00021
 3737043.62 | 0.00014   0.00014   0.00014   0.00015   0.00015
0.00016   0.00016   0.00017   0.00018
 3737001.70 | 0.00012   0.00012   0.00012   0.00013   0.00013
0.00014   0.00014   0.00015   0.00015
 3736959.78 | 0.00010   0.00011   0.00011   0.00011   0.00012
0.00012   0.00012   0.00013   0.00013
 3736917.86 | 0.00009   0.00010   0.00010   0.00010   0.00010
0.00011   0.00011   0.00011   0.00012
 3736875.94 | 0.00008   0.00009   0.00009   0.00009   0.00009
0.00010   0.00010   0.00010   0.00011
 3736834.02 | 0.00008   0.00008   0.00008   0.00008   0.00009
0.00009   0.00009   0.00009   0.00010
 3736792.10 | 0.00007   0.00007   0.00007   0.00008   0.00008
0.00008   0.00008   0.00009   0.00009
 3736750.18 | 0.00007   0.00007   0.00007   0.00007   0.00007
0.00007   0.00007   0.00008   0.00009
 3736708.26 | 0.00006   0.00006   0.00006   0.00006   0.00006
0.00007   0.00007   0.00008   0.00009

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 ,

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

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

Y-COORD (METERS)	X-COORD (METERS)								
	407990.50	408043.63	408096.76	408149.89	408203.02	408256.15	408309.28	408362.41	408415.54
3738343.14	0.00007	0.00008	0.00008	0.00009	0.00010	0.00011	0.00012	0.00013	0.00015
3738301.22	0.00007	0.00008	0.00009	0.00010	0.00011	0.00012	0.00013	0.00015	0.00016
3738259.30	0.00008	0.00009	0.00009	0.00010	0.00012	0.00013	0.00014	0.00016	0.00018
3738217.38	0.00008	0.00009	0.00010	0.00011	0.00013	0.00014	0.00016	0.00018	0.00020
3738175.46	0.00009	0.00010	0.00011	0.00012	0.00014	0.00015	0.00018	0.00020	0.00023
3738133.54	0.00009	0.00010	0.00012	0.00013	0.00015	0.00017	0.00020	0.00023	0.00026
3738091.62	0.00010	0.00011	0.00013	0.00015	0.00017	0.00019	0.00022	0.00026	0.00030
3738049.70	0.00011	0.00012	0.00014	0.00016	0.00019	0.00022	0.00026	0.00030	0.00035
3738007.78	0.00011	0.00013	0.00015	0.00018	0.00021	0.00025	0.00030	0.00035	0.00042
3737965.86	0.00012	0.00014	0.00017	0.00020	0.00024	0.00028	0.00034	0.00042	0.00050
3737923.94	0.00014	0.00016	0.00019	0.00022	0.00027				

0.00033 0.00041 0.00051 0.00061
3737882.02 | 0.00015 0.00017 0.00021 0.00025 0.00031
0.00039 0.00049 0.00062 0.00076
3737840.10 | 0.00018 0.00020 0.00023 0.00029 0.00036
0.00046 0.00060 0.00078 0.00097
3737798.18 | 0.00020 0.00023 0.00027 0.00033 0.00042
0.00056 0.00075 0.00100 0.00127
3737756.26 | 0.00024 0.00027 0.00031 0.00039 0.00050
0.00068 0.00095 0.00132 0.00171
3737714.34 | 0.00029 0.00033 0.00038 0.00046 0.00060
0.00085 0.00124 0.00182 0.00239
3737672.42 | 0.00036 0.00040 0.00047 0.00057 0.00074
0.00107 0.00168 0.00264 0.00353
3737630.50 | 0.00046 0.00052 0.00061 0.00074 0.00096
0.00141 0.00237 0.00409 0.00557
3737588.58 | 0.00061 0.00070 0.00083 0.00101 0.00132
0.00195 0.00353 0.00704 0.00960
3737546.66 | 0.00080 0.00097 0.00119 0.00150 0.00199
0.00295 0.00569 0.01424 0.01883
3737504.74 | 0.00101 0.00128 0.00167 0.00226 0.00327
0.00522 0.01072 0.03916 0.04413
3737462.82 | 0.00117 0.00152 0.00208 0.00302 0.00487
0.00934 0.02597 0.12435 0.10164
3737420.90 | 0.00121 0.00159 0.00217 0.00318 0.00517
0.00999 0.02766 0.06263 0.06275
3737378.98 | 0.00113 0.00143 0.00189 0.00258 0.00371
0.00559 0.00867 0.01548 0.01801
3737337.06 | 0.00094 0.00113 0.00143 0.00173 0.00214
0.00262 0.00360 0.00549 0.00663
3737295.14 | 0.00073 0.00084 0.00100 0.00111 0.00123
0.00151 0.00210 0.00281 0.00325
3737253.22 | 0.00050 0.00055 0.00069 0.00072 0.00080
0.00104 0.00142 0.00171 0.00190
3737211.30 | 0.00038 0.00042 0.00050 0.00052 0.00053
0.00078 0.00101 0.00115 0.00125
3737169.38 | 0.00033 0.00035 0.00039 0.00042 0.00049
0.00064 0.00078 0.00085 0.00089
3737127.46 | 0.00025 0.00029 0.00033 0.00034 0.00043
0.00053 0.00062 0.00065 0.00067
3737085.54 | 0.00022 0.00023 0.00026 0.00030 0.00037
0.00045 0.00050 0.00051 0.00052
3737043.62 | 0.00018 0.00020 0.00022 0.00027 0.00033
0.00038 0.00041 0.00042 0.00042
3737001.70 | 0.00016 0.00017 0.00020 0.00024 0.00029
0.00033 0.00035 0.00035 0.00035
3736959.78 | 0.00014 0.00016 0.00018 0.00022 0.00026
0.00029 0.00030 0.00030 0.00030
3736917.86 | 0.00013 0.00015 0.00017 0.00021 0.00024
0.00025 0.00026 0.00026 0.00026
3736875.94 | 0.00012 0.00014 0.00016 0.00019 0.00021

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 ,
A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 ,
A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 ,

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

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

Y-COORD (METERS)	X-COORD (METERS)								
	408468.67	408521.80	408574.93	408628.06	408681.19	408734.32	408787.45	408840.58	408893.71
3738343.14	0.00016	0.00017	0.00019	0.00020	0.00021	0.00021	0.00021	0.00021	0.00020
3738301.22	0.00018	0.00019	0.00021	0.00022	0.00023	0.00023	0.00023	0.00022	0.00021
3738259.30	0.00020	0.00022	0.00024	0.00025	0.00026	0.00026	0.00025	0.00024	0.00023
3738217.38	0.00023	0.00025	0.00027	0.00028	0.00029	0.00029	0.00028	0.00026	0.00024
3738175.46	0.00026	0.00028	0.00030	0.00032	0.00032	0.00032	0.00030	0.00028	0.00026
3738133.54	0.00030	0.00033	0.00035	0.00036	0.00036	0.00035	0.00033	0.00030	0.00027

 3738091.62 | 0.00034   0.00038   0.00041   0.00042   0.00041
0.00039   0.00036   0.00033   0.00029
 3738049.70 | 0.00040   0.00045   0.00047   0.00048   0.00046
0.00043   0.00039   0.00035   0.00031
 3738007.78 | 0.00048   0.00053   0.00056   0.00055   0.00053
0.00048   0.00043   0.00037   0.00032
 3737965.86 | 0.00058   0.00063   0.00065   0.00064   0.00059
0.00053   0.00046   0.00039   0.00033
 3737923.94 | 0.00071   0.00077   0.00078   0.00074   0.00067
0.00059   0.00050   0.00042   0.00035
 3737882.02 | 0.00088   0.00094   0.00093   0.00086   0.00076
0.00064   0.00053   0.00043   0.00035
 3737840.10 | 0.00112   0.00117   0.00113   0.00100   0.00085
0.00070   0.00056   0.00045   0.00036
 3737798.18 | 0.00145   0.00148   0.00136   0.00116   0.00094
0.00075   0.00058   0.00046   0.00036
 3737756.26 | 0.00193   0.00188   0.00165   0.00133   0.00103
0.00079   0.00060   0.00046   0.00036
 3737714.34 | 0.00263   0.00243   0.00199   0.00151   0.00112
0.00082   0.00061   0.00046   0.00035
 3737672.42 | 0.00370   0.00315   0.00237   0.00168   0.00118
0.00083   0.00060   0.00045   0.00035
 3737630.50 | 0.00537   0.00407   0.00275   0.00180   0.00120
0.00082   0.00059   0.00044   0.00034
 3737588.58 | 0.00802   0.00514   0.00307   0.00186   0.00119
0.00080   0.00057   0.00043   0.00033
 3737546.66 | 0.01202   0.00613   0.00320   0.00182   0.00114
0.00077   0.00055   0.00042   0.00033
 3737504.74 | 0.01675   0.00650   0.00309   0.00174   0.00110
0.00075   0.00055   0.00042   0.00033
 3737462.82 | 0.01791   0.00593   0.00284   0.00165   0.00106
0.00075   0.00055   0.00042   0.00033
 3737420.90 | 0.01383   0.00527   0.00269   0.00161   0.00106
0.00075   0.00055   0.00043   0.00034
 3737378.98 | 0.00887   0.00436   0.00247   0.00154   0.00105
0.00075   0.00056   0.00044   0.00035
 3737337.06 | 0.00513   0.00326   0.00210   0.00142   0.00101
0.00074   0.00056   0.00045   0.00036
 3737295.14 | 0.00307   0.00234   0.00169   0.00123   0.00092
0.00071   0.00055   0.00045   0.00036
 3737253.22 | 0.00196   0.00170   0.00134   0.00104   0.00081
0.00065   0.00053   0.00043   0.00036
 3737211.30 | 0.00132   0.00126   0.00107   0.00087   0.00071
0.00058   0.00049   0.00041   0.00035
 3737169.38 | 0.00095   0.00095   0.00086   0.00073   0.00061
0.00052   0.00044   0.00038   0.00033
 3737127.46 | 0.00071   0.00074   0.00071   0.00063   0.00054
0.00046   0.00040   0.00035   0.00030
 3737085.54 | 0.00055   0.00058   0.00058   0.00054   0.00048
0.00042   0.00036   0.00032   0.00029

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   PAREA1   , A0000001
, A0000002   , A0000003   , A0000004   ,
                  A0000005   , A0000006   , A0000007   , A0000008   , A0000009
, A0000010   , A0000011   , A0000012   ,
                  A0000013   , A0000014   , A0000015   , A0000016   , A0000017
, A0000018   , A0000019   ,

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

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

    Y-COORD | X-COORD (METERS)
    (METERS) | 408946.84   408999.97   409053.10   409106.23   409159.36
409212.49   409265.62   409318.75   409371.88
 -
- -

 3738343.14 | 0.00019   0.00017   0.00016   0.00015   0.00013
0.00012   0.00011   0.00010   0.00009
 3738301.22 | 0.00020   0.00018   0.00017   0.00015   0.00014

0.00012 0.00011 0.00010 0.00009
3738259.30 | 0.00021 0.00019 0.00017 0.00016 0.00014
0.00013 0.00011 0.00010 0.00009
3738217.38 | 0.00022 0.00020 0.00018 0.00016 0.00014
0.00013 0.00011 0.00010 0.00009
3738175.46 | 0.00023 0.00021 0.00018 0.00016 0.00015
0.00013 0.00011 0.00010 0.00009
3738133.54 | 0.00024 0.00022 0.00019 0.00017 0.00015
0.00013 0.00011 0.00010 0.00009
3738091.62 | 0.00025 0.00022 0.00019 0.00017 0.00015
0.00013 0.00011 0.00010 0.00009
3738049.70 | 0.00027 0.00023 0.00020 0.00017 0.00015
0.00013 0.00011 0.00010 0.00009
3738007.78 | 0.00027 0.00023 0.00020 0.00017 0.00015
0.00013 0.00011 0.00010 0.00009
3737965.86 | 0.00028 0.00024 0.00020 0.00017 0.00015
0.00013 0.00011 0.00010 0.00009
3737923.94 | 0.00029 0.00024 0.00020 0.00017 0.00014
0.00012 0.00011 0.00010 0.00009
3737882.02 | 0.00029 0.00024 0.00020 0.00017 0.00014
0.00012 0.00011 0.00009 0.00008
3737840.10 | 0.00029 0.00024 0.00020 0.00016 0.00014
0.00012 0.00011 0.00009 0.00008
3737798.18 | 0.00029 0.00023 0.00019 0.00016 0.00014
0.00012 0.00011 0.00009 0.00008
3737756.26 | 0.00028 0.00023 0.00019 0.00016 0.00014
0.00012 0.00010 0.00009 0.00008
3737714.34 | 0.00028 0.00023 0.00019 0.00016 0.00014
0.00012 0.00010 0.00009 0.00008
3737672.42 | 0.00027 0.00022 0.00018 0.00016 0.00013
0.00012 0.00010 0.00009 0.00008
3737630.50 | 0.00027 0.00022 0.00018 0.00016 0.00013
0.00012 0.00010 0.00009 0.00008
3737588.58 | 0.00026 0.00022 0.00018 0.00016 0.00014
0.00012 0.00011 0.00009 0.00009
3737546.66 | 0.00026 0.00022 0.00018 0.00016 0.00014
0.00012 0.00011 0.00010 0.00009
3737504.74 | 0.00027 0.00022 0.00019 0.00016 0.00014
0.00012 0.00011 0.00010 0.00009
3737462.82 | 0.00027 0.00023 0.00019 0.00016 0.00014
0.00013 0.00011 0.00010 0.00009
3737420.90 | 0.00028 0.00023 0.00020 0.00017 0.00015
0.00013 0.00012 0.00010 0.00009
3737378.98 | 0.00029 0.00024 0.00020 0.00018 0.00015
0.00014 0.00012 0.00011 0.00010
3737337.06 | 0.00030 0.00025 0.00021 0.00018 0.00016
0.00014 0.00013 0.00011 0.00010
3737295.14 | 0.00030 0.00025 0.00022 0.00019 0.00017
0.00015 0.00013 0.00012 0.00011
3737253.22 | 0.00030 0.00026 0.00022 0.00019 0.00017

```
 0.00015      0.00013      0.00012      0.00011
  3737211.30 |       0.00030      0.00026      0.00022      0.00020      0.00017
 0.00016      0.00014      0.00013      0.00011
  3737169.38 |       0.00028      0.00025      0.00022      0.00020      0.00018
 0.00016      0.00014      0.00013      0.00012
  3737127.46 |       0.00027      0.00024      0.00021      0.00019      0.00018
 0.00016      0.00014      0.00013      0.00012
  3737085.54 |       0.00026      0.00023      0.00021      0.00019      0.00017
 0.00016      0.00014      0.00013      0.00012
  3737043.62 |       0.00024      0.00022      0.00020      0.00018      0.00017
 0.00015      0.00014      0.00013      0.00012
  3737001.70 |       0.00022      0.00020      0.00019      0.00017      0.00016
 0.00015      0.00014      0.00013      0.00012
  3736959.78 |       0.00021      0.00019      0.00018      0.00016      0.00015
 0.00014      0.00013      0.00012      0.00012
  3736917.86 |       0.00020      0.00018      0.00017      0.00016      0.00015
 0.00014      0.00013      0.00012      0.00011
  3736875.94 |       0.00019      0.00017      0.00016      0.00015      0.00014
 0.00013      0.00012      0.00012      0.00011
  3736834.02 |       0.00018      0.00016      0.00015      0.00014      0.00013
 0.00012      0.00012      0.00011      0.00011
  3736792.10 |       0.00017      0.00016      0.00014      0.00013      0.00013
 0.00012      0.00011      0.00011      0.00010
  3736750.18 |       0.00016      0.00015      0.00014      0.00013      0.00012
 0.00011      0.00011      0.00010      0.00010
  3736708.26 |       0.00015      0.00014      0.00013      0.00012      0.00012
 0.00011      0.00010      0.00010      0.00010
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\24-073_Coast St
Con\24-073_Coast St Con.isc     ***        06/03/25
 *** AERMET - VERSION  16216 ***   ***
                      ***        20:32:06

                                 PAGE  43
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     PAREA1      , A0000001
, A0000002    , A0000003    , A0000004    ,
                  A0000005    , A0000006    , A0000007    , A0000008    , A0000009
, A0000010    , A0000011    , A0000012    ,
                  A0000013    , A0000014    , A0000015    , A0000016    , A0000017
, A0000018    , A0000019    ,

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

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **
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Y-COORD (METERS)	X-COORD (METERS)			
	409425.01	409478.14	409531.27	409584.40
3738343.14	0.00008	0.00008	0.00007	0.00006
3738301.22	0.00008	0.00008	0.00007	0.00006
3738259.30	0.00008	0.00008	0.00007	0.00006
3738217.38	0.00008	0.00007	0.00007	0.00006
3738175.46	0.00008	0.00007	0.00007	0.00006
3738133.54	0.00008	0.00007	0.00007	0.00006
3738091.62	0.00008	0.00007	0.00007	0.00006
3738049.70	0.00008	0.00007	0.00007	0.00006
3738007.78	0.00008	0.00007	0.00006	0.00006
3737965.86	0.00008	0.00007	0.00006	0.00006
3737923.94	0.00008	0.00007	0.00006	0.00006
3737882.02	0.00008	0.00007	0.00006	0.00006
3737840.10	0.00008	0.00007	0.00006	0.00006
3737798.18	0.00008	0.00007	0.00006	0.00006
3737756.26	0.00008	0.00007	0.00006	0.00006
3737714.34	0.00008	0.00007	0.00006	0.00006
3737672.42	0.00008	0.00007	0.00007	0.00006
3737630.50	0.00008	0.00007	0.00007	0.00006
3737588.58	0.00008	0.00007	0.00007	0.00006
3737546.66	0.00008	0.00007	0.00007	0.00006
3737504.74	0.00008	0.00007	0.00007	0.00006
3737462.82	0.00008	0.00008	0.00007	0.00007
3737420.90	0.00009	0.00008	0.00007	0.00007
3737378.98	0.00009	0.00008	0.00008	0.00007
3737337.06	0.00009	0.00009	0.00008	0.00007
3737295.14	0.00010	0.00009	0.00008	0.00008
3737253.22	0.00010	0.00009	0.00008	0.00008
3737211.30	0.00010	0.00009	0.00009	0.00008
3737169.38	0.00011	0.00010	0.00009	0.00008
3737127.46	0.00011	0.00010	0.00009	0.00009
3737085.54	0.00011	0.00010	0.00010	0.00009
3737043.62	0.00011	0.00010	0.00010	0.00009
3737001.70	0.00011	0.00010	0.00010	0.00009
3736959.78	0.00011	0.00010	0.00010	0.00009
3736917.86	0.00010	0.00010	0.00010	0.00009
3736875.94	0.00010	0.00010	0.00009	0.00009
3736834.02	0.00010	0.00010	0.00009	0.00009
3736792.10	0.00010	0.00009	0.00009	0.00008
3736750.18	0.00009	0.00009	0.00009	0.00008
3736708.26	0.00009	0.00009	0.00008	0.00008

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 ,

*** 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
408366.38	3737485.43	0.08038	408430.14	3737461.14	0.05946
408181.97	3737466.67	0.00388	408150.06	3737412.73	0.00312
408109.61	3737456.33	0.00230	408217.52	3737471.69	0.00531
408016.80	3737435.48	0.00138	408279.89	3737472.78	0.01193
408798.65	3737545.01	0.00052	408676.12	3737499.78	0.00113
407927.20	3737488.08	0.00084	407852.89	3737488.76	0.00065
408566.64	3737551.51	0.00351	408261.37	3737558.76	0.00271
408120.70	3737439.75	0.00257	408512.12	3737495.11	0.00759
408510.14	3737484.42	0.00776	408511.38	3737471.75	0.00736
408511.63	3737457.34	0.00702	408356.31	3737407.88	0.04065
408511.63	3737446.65	0.00677	408511.13	3737433.23	0.00653
408327.23	3737479.20	0.02820	408329.72	3737416.58	0.04091
408387.62	3737478.21	0.12670	408407.50	3737476.47	0.10445
408293.50	3737546.37	0.00451	408183.24	3737542.99	0.00185

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000001
, A0000002 , A0000003 , A0000004 ,
A0000005 , A0000006 , A0000007 , A0000008 , A0000009
, A0000010 , A0000011 , A0000012 ,
A0000013 , A0000014 , A0000015 , A0000016 , A0000017
, A0000018 , A0000019 ,

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

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

Y-COORD (METERS)	X-COORD (METERS)				
	407512.33	407565.46	407618.59	407671.72	407724.85
3738343.1	0.12026 (15012908)	0.11748 (15012908)	0.10842 (15012908)	0.09407 (15012908)	0.07614 (15012908)
3738301.2	0.12620 (15012908)	0.12824 (15012908)	0.12298 (15012908)	0.11161 (15012908)	0.09417 (15012908)
3738259.3	0.12876 (15012908)	0.13562 (15012908)	0.13675 (15012908)	0.12922 (15012908)	0.11412 (15012908)
3738217.4	0.12689 (15012908)	0.14018 (15012908)	0.14711 (15012908)	0.14573 (15012908)	0.13484 (15012908)
3738175.5	0.12101 (15012908)	0.13953 (15012908)	0.15318 (15012908)		

```
    0.15921 (15012908)      0.15509 (15012908)
3738133.5 |      0.11074 (15012908)      0.13346 (15012908)      0.15382 (15012908)
    0.16797 (15012908)      0.17255 (15012908)
3738091.6 |      0.09937 (13013008)      0.12228 (15012908)      0.14806 (15012908)
    0.17045 (15012908)      0.18488 (15012908)
3738049.7 |      0.11873 (15011308)      0.10844 (13013008)      0.13592 (15012908)
    0.16525 (15012908)      0.19000 (15012908)
3738007.8 |      0.14130 (15011308)      0.13352 (15011308)      0.12067 (15011308)
    0.15215 (15012908)      0.18581 (15012908)
3737965.9 |      0.16000 (15011308)      0.15868 (15011308)      0.15114 (15011308)
    0.13723 (15011308)      0.17166 (15012908)
3737923.9 |      0.17135 (15011308)      0.17845 (15011308)      0.17936 (15011308)
    0.17247 (15011308)      0.15752 (15011308)
3737882.0 |      0.19374 (12122808)      0.19536 (12122808)      0.19979 (15011308)
    0.20401 (15011308)      0.19863 (15011308)
3737840.1 |      0.20864 (12122808)      0.21865 (12122808)      0.22436 (12122808)
    0.22460 (15011308)      0.23369 (15011308)
3737798.2 |      0.22817 (12121008)      0.23109 (12122808)      0.24685 (12122808)
    0.25848 (12122808)      0.26332 (12122808)
3737756.3 |      0.25538 (12121008)      0.26596 (12121008)      0.27249 (12121008)
    0.27847 (12122808)      0.29854 (12122808)
3737714.3 |      0.26738 (12121008)      0.28823 (12121008)      0.30734 (12121008)
    0.32368 (12121008)      0.33464 (12121008)
3737672.4 |      0.26171 (12121008)      0.28981 (12121008)      0.32008 (12121008)
    0.35099 (12121008)      0.38073 (12121008)
3737630.5 |      0.23756 (12121008)      0.27016 (12121008)      0.30702 (12121008)
    0.34781 (12121008)      0.39276 (12121008)
3737588.6 |      0.22075 (13010908)      0.24128 (13010908)      0.26821 (12121008)
    0.31222 (12121008)      0.36449 (12121008)
3737546.7 |      0.21905 (16021108)      0.23941 (16021108)      0.26221 (16021108)
    0.28829 (16021108)      0.32359 (13010908)
3737504.7 |      0.23370 (13012208)      0.25262 (13012208)      0.27465 (13012208)
    0.30042 (13012208)      0.32976 (13012208)
3737462.8 |      0.24083 (13012208)      0.26231 (13012208)      0.28784 (13012208)
    0.31792 (13012208)      0.35346 (13012208)
3737420.9 |      0.22920 (13012208)      0.24955 (13012208)      0.27379 (13012208)
    0.30231 (13012208)      0.33577 (13012208)
3737379.0 |      0.23315 (13013108)      0.25588 (13013108)      0.28313 (13013108)
    0.31498 (13013108)      0.35247 (13013108)
3737337.1 |      0.24307 (13013108)      0.26402 (13013108)      0.28836 (13013108)
    0.31602 (13013108)      0.34785 (13013108)
3737295.1 |      0.23365 (13013108)      0.25058 (16121408)      0.27532 (16121408)
    0.30267 (16121408)      0.34194 (13011608)
3737253.2 |      0.22839 (13011608)      0.32134 (16121408)      0.36583 (13011608)
    0.41137 (13011608)      0.45705 (13011608)
3737211.3 |      0.23891 (13011608)      0.26033 (13011608)      0.28316 (13011608)
    0.31129 (12010408)      0.34024 (12010408)
3737169.4 |      0.23587 (12010408)      0.25504 (12010408)      0.27383 (12010408)
    0.29118 (12010408)      0.30477 (12010408)
3737127.5 |      0.22775 (12010408)      0.23907 (12010408)      0.24768 (12010408)
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0.27429 (13010408)   0.33408 (12020208)
3737085.5 | 0.20703 (12010408)   0.22539 (13010408)   0.26118 (12020208)
0.31016 (12020208)   0.35873 (12020208)
3737043.6 | 0.21017 (12020208)   0.24784 (12020208)   0.28639 (12020208)
0.32397 (12020208)   0.35488 (12020208)
3737001.7 | 0.23376 (12020208)   0.26481 (12020208)   0.29289 (12020208)
0.31557 (12020208)   0.32713 (12020208)
3736959.8 | 0.24468 (12020208)   0.26623 (12020208)   0.28177 (12020208)
0.28832 (12020208)   0.28219 (12020208)
3736917.9 | 0.24261 (12020208)   0.25377 (12020208)   0.25638 (12020208)
0.24925 (12020208)   0.25003 (13011708)
3736875.9 | 0.22940 (12020208)   0.22998 (12020208)   0.22155 (12020208)
0.22474 (13011708)   0.23538 (13011708)
3736834.0 | 0.20720 (12020208)   0.19895 (12020208)   0.20347 (13011708)
0.21295 (13011708)   0.21402 (15122908)
3736792.1 | 0.17954 (12020208)   0.18572 (13011708)   0.19380 (13011708)
0.19410 (13011708)   0.21276 (15122908)
3736750.2 | 0.17054 (13011708)   0.17771 (13011708)   0.17844 (13011708)
0.19223 (15122908)   0.20451 (15122908)
3736708.3 | 0.16379 (13011708)   0.16453 (13011708)   0.17410 (15122908)
0.18663 (15122908)   0.19024 (15122908)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   PAREA1   , A0000001 , A0000002   , A0000003   , A0000004   ,
A0000005   , A0000006   , A0000007   , A0000008   , A0000009 , A0000010   , A0000011   , A0000012   ,
A0000013   , A0000014   , A0000015   , A0000016   , A0000017 , A0000018   , A0000019   ,

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

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

Y-COORD | X-COORD (METERS)
(METERS) | 407777.98   407831.11   407884.24
407937.37   407990.50
- -

```
3738343.1 |      0.06758 (12120608)      0.09723 (12120608)      0.12816 (12120608)
    0.15409 (12120608)      0.16696 (12120608)
3738301.2 |      0.07332 (15012908)      0.08904 (12120608)      0.12323 (12120608)
    0.15504 (12120608)      0.17526 (12120608)
3738259.3 |      0.09309 (15012908)      0.07941 (12120608)      0.11593 (12120608)
    0.15326 (12120608)      0.18183 (12120608)
3738217.4 |      0.11567 (15012908)      0.09056 (15012908)      0.10641 (12120608)
    0.14849 (12120608)      0.18570 (12120608)
3738175.5 |      0.13993 (15012908)      0.11578 (15012908)      0.09456 (12120608)
    0.14066 (12120608)      0.18606 (12120608)
3738133.5 |      0.16460 (15012908)      0.14409 (15012908)      0.11391 (15012908)
    0.12925 (12120608)      0.18237 (12120608)
3738091.6 |      0.18712 (15012908)      0.17394 (15012908)      0.14665 (15012908)
    0.11486 (12120608)      0.17408 (12120608)
3738049.7 |      0.20426 (15012908)      0.20287 (15012908)      0.18268 (15012908)
    0.14673 (15012908)      0.16088 (12120608)
3738007.8 |      0.21306 (15012908)      0.22649 (15012908)      0.21947 (15012908)
    0.18992 (15012908)      0.14264 (15012908)
3737965.9 |      0.21070 (15012908)      0.24063 (15012908)      0.25205 (15012908)
    0.23605 (15012908)      0.19317 (15012908)
3737923.9 |      0.19548 (15012908)      0.24123 (15012908)      0.27363 (15012908)
    0.27981 (15012908)      0.25109 (15012908)
3737882.0 |      0.18262 (15011308)      0.22510 (15012908)      0.27820 (15012908)
    0.31242 (15012908)      0.31082 (15012908)
3737840.1 |      0.23103 (15011308)      0.21379 (15011308)      0.26132 (15012908)
    0.32498 (15012908)      0.36090 (15012908)
3737798.2 |      0.26956 (15011308)      0.27083 (15011308)      0.25359 (15011308)
    0.30927 (15012908)      0.38679 (15012908)
3737756.3 |      0.31153 (12122808)      0.31342 (12122808)      0.32217 (15011308)
    0.30721 (15011308)      0.37421 (15012908)
3737714.3 |      0.34517 (12122808)      0.37105 (12122808)      0.38415 (12122808)
    0.39049 (15011308)      0.38145 (15011308)
3737672.4 |      0.40646 (12121008)      0.42478 (12121008)      0.44398 (12122808)
    0.47797 (12122808)      0.48592 (12122808)
3737630.5 |      0.44071 (12121008)      0.48908 (12121008)      0.53305 (12121008)
    0.56599 (12121008)      0.60175 (12122808)
3737588.6 |      0.42580 (12121008)      0.49660 (12121008)      0.57541 (12121008)
    0.66199 (12121008)      0.74495 (12121008)
3737546.7 |      0.36511 (13010908)      0.43822 (12121008)      0.53223 (12121008)
    0.65049 (12121008)      0.79745 (12121008)
3737504.7 |      0.36472 (13012208)      0.41002 (16021108)      0.47261 (16021108)
    0.55002 (16021108)      0.68057 (12121008)
3737462.8 |      0.39621 (13012208)      0.44866 (13012208)      0.51459 (13012208)
    0.59725 (13012208)      0.70824 (13012208)
3737420.9 |      0.37603 (13012208)      0.42557 (13012208)      0.48779 (13012208)
    0.56799 (13013108)      0.68600 (13013108)
3737379.0 |      0.39793 (13013108)      0.45274 (13013108)      0.52066 (13013108)
    0.60431 (13013108)      0.70935 (13013108)
3737337.1 |      0.38399 (13013108)      0.42872 (16121408)      0.49468 (13011608)
    0.59510 (13011608)      0.71787 (13011608)
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 3737295.1 |      0.39219 (13011608)      0.44866 (13011608)      0.51278 (13011608)
     0.71598 (12010408)      0.67517 (12010408)
 3737253.2 |      0.50319 (12010408)      0.55949 (12010408)      0.60059 (12010408)
     0.66412 (13010408)      0.80414 (13010408)
 3737211.3 |      0.44373 (12010408)      0.49123 (13010408)      0.58861 (13010408)
     0.71652 (12020208)      0.87799 (12020208)
 3737169.4 |      0.35777 (12020208)      0.44183 (12020208)      0.52756 (12020208)
     0.70921 (12020208)      0.64607 (12020208)
 3737127.5 |      0.39827 (12020208)      0.45933 (12020208)      0.50672 (12020208)
     0.52628 (12020208)      0.64746 (13011708)
 3737085.5 |      0.40269 (12020208)      0.43302 (12020208)      0.43958 (12020208)
     0.42646 (13011708)      0.44993 (13011708)
 3737043.6 |      0.37436 (12020208)      0.37454 (12020208)      0.36496 (13011708)
     0.38519 (13011708)      0.42684 (15122908)
 3737001.7 |      0.32337 (12020208)      0.31805 (13011708)      0.33452 (13011708)
     0.36430 (15122908)      0.38512 (15122908)
 3736959.8 |      0.28018 (13011708)      0.29438 (13011708)      0.31410 (15122908)
     0.33880 (15122908)      0.32891 (15122908)
 3736917.9 |      0.26235 (13011708)      0.27428 (15122908)      0.29883 (15122908)
     0.29968 (15122908)      0.32507 (16012508)
 3736875.9 |      0.24134 (15122908)      0.26554 (15122908)      0.27211 (15122908)
     0.26556 (16012508)      0.32110 (16012508)
 3736834.0 |      0.23708 (15122908)      0.24679 (15122908)      0.23832 (15122908)
     0.27143 (16012508)      0.30638 (16012508)
 3736792.1 |      0.22450 (15122908)      0.22137 (15122908)      0.22821 (16012508)
     0.26788 (16012508)      0.28448 (16012508)
 3736750.2 |      0.20547 (15122908)      0.19242 (15122908)      0.23150 (16012508)
     0.25696 (16012508)      0.27165 (12121708)
 3736708.3 |      0.18247 (15122908)      0.19808 (16012508)      0.22799 (16012508)
     0.24063 (16012508)      0.26617 (12121708)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\24-073_Coast St
Con\24-073_Coast St Con.isc     ***        06/03/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:32:06

                                  PAGE  47
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     PAREA1      , A0000001
, A0000002    , A0000003    , A0000004    ,
                  A0000005    , A0000006    , A0000007    , A0000008    , A0000009
, A0000010    , A0000011    , A0000012    ,
                  A0000013    , A0000014    , A0000015    , A0000016    , A0000017
, A0000018    , A0000019    ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE:
GRIDCART ***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 408043.63	408096.76	408149.89	408203.02	408256.15
3738343.1	0.16165 (12120608)	0.14459 (12020708)	0.12059 (12020708)	0.10787 (12112608)	0.14267 (12112608)
3738301.2	0.17649 (12120608)	0.15807 (12020708)	0.13588 (12020708)	0.11005 (12112608)	0.14924 (12112608)
3738259.3	0.19090 (12120608)	0.17554 (12120608)	0.15284 (12020708)	0.11512 (12020708)	0.15645 (12112608)
3738217.4	0.20459 (12120608)	0.19626 (12120608)	0.17104 (12020708)	0.13266 (12020708)	0.16382 (12112608)
3738175.5	0.21630 (12120608)	0.21783 (12120608)	0.19066 (12020708)	0.15302 (12020708)	0.17190 (12112608)
3738133.5	0.22540 (12120608)	0.23930 (12120608)	0.21455 (12120608)	0.17676 (12020708)	0.17927 (12112608)
3738091.6	0.23010 (12120608)	0.25980 (12120608)	0.24555 (12120608)	0.20409 (12020708)	0.18744 (12112608)
3738049.7	0.22903 (12120608)	0.27709 (12120608)	0.27812 (12120608)	0.23536 (12020708)	0.19540 (12112608)
3738007.8	0.22051 (12120608)	0.28912 (12120608)	0.31152 (12120608)	0.27050 (12020708)	0.20407 (12020708)
3737965.9	0.20434 (12120608)	0.29374 (12120608)	0.34421 (12120608)	0.31756 (12120608)	0.24640 (12020708)
3737923.9	0.19154 (15012908)	0.28844 (12120608)	0.37284 (12120608)	0.37381 (12120608)	0.29813 (12020708)
3737882.0	0.26388 (15012908)	0.27063 (12120608)	0.39256 (12120608)	0.43485 (12120608)	0.36098 (12020708)
3737840.1	0.34508 (15012908)	0.27051 (15012908)	0.39695 (12120608)	0.49675 (12120608)	0.43844 (12120608)
3737798.2	0.42144 (15012908)	0.38006 (15012908)	0.37955 (12120608)	0.55145 (12120608)	0.54899 (12120608)
3737756.3	0.47005 (15012908)	0.49637 (15012908)	0.40894 (15012908)	0.58502 (12120608)	0.68052 (12120608)
3737714.3	0.46554 (15012908)	0.58540 (15012908)	0.58630 (15012908)	0.57819 (12120608)	0.82453 (12120608)
3737672.4	0.48899 (15011308)	0.59972 (15012908)	0.75078 (15012908)	0.68378 (15012908)	0.95419 (12120608)
3737630.5	0.64233 (12122808)	0.65141 (15011308)	0.80922 (15012908)	0.99536 (15012908)	1.01031 (12120608)
3737588.6	0.81174 (12121008)	0.87640 (12122808)	0.91543 (15011308)	1.17830 (15012908)	1.36046 (15012908)
3737546.7	0.97295 (12121008)	1.15847 (12121008)	1.31303 (12121008)	1.46161 (12122808)	1.91924 (15012908)
3737504.7	0.89692 (12121008)	1.20015 (12121008)	1.62759 (12121008)		

```
    2.20096 (12121008)      2.71047 (12121008)
 3737462.8 |      0.85903 (13012208)      1.07111 (13012208)      1.39992 (13012208)
    2.05864 (12121008)      3.63491 (12121008)
 3737420.9 |      0.85159 (13013108)      1.08806 (13013108)      1.47152 (13013108)
    2.11829 (13013108)      3.34030 (13013108)
 3737379.0 |      0.84633 (13013108)      1.09128 (13011608)      1.47466 (13011608)
    2.04310 (12010408)      3.44535 (12020208)
 3737337.1 |      0.86415 (12010408)      1.05987 (12010408)      1.46218 (12020208)
    2.13066 (12020208)      2.41338 (12020208)
 3737295.1 |      0.81710 (12020208)      1.13950 (12020208)      1.43768 (12020208)
    1.52282 (12020208)      1.74458 (15122908)
 3737253.2 |      1.05833 (12020208)      1.05668 (12020208)      1.05195 (12020208)
    1.19070 (15122908)      1.48175 (16012508)
 3737211.3 |      0.93354 (12020208)      0.79075 (12020208)      0.87788 (15122908)
    1.16418 (16012508)      1.29982 (12121708)
 3737169.4 |      0.61932 (13011708)      0.68009 (15122908)      0.74169 (15122908)
    0.89833 (16012508)      1.09966 (12121708)
 3737127.5 |      0.54300 (15122908)      0.61045 (15122908)      0.68056 (16012508)
    0.82998 (12121708)      0.89217 (12121708)
 3737085.5 |      0.50869 (15122908)      0.50934 (16012508)      0.63196 (16012508)
    0.75239 (12121708)      0.75321 (13120908)
 3737043.6 |      0.43892 (15122908)      0.50514 (16012508)      0.58079 (12121708)
    0.65906 (12121708)      0.64146 (14012008)
 3737001.7 |      0.39932 (16012508)      0.47324 (16012508)      0.54697 (12121708)
    0.56625 (12121708)      0.59353 (14012008)
 3736959.8 |      0.39537 (16012508)      0.43024 (12121708)      0.50233 (12121708)
    0.50222 (13120908)      0.54729 (14012008)
 3736917.9 |      0.37465 (16012508)      0.41823 (12121708)      0.45190 (12121708)
    0.44786 (13120908)      0.50282 (14012008)
 3736875.9 |      0.34346 (16012508)      0.39585 (12121708)      0.40065 (12121708)
    0.39615 (13120908)      0.46175 (14012008)
 3736834.0 |      0.33287 (12121708)      0.36743 (12121708)      0.36368 (13120908)
    0.36235 (14012008)      0.42358 (14012008)
 3736792.1 |      0.32166 (12121708)      0.33602 (12121708)      0.33401 (13120908)
    0.34548 (14012008)      0.38957 (14012008)
 3736750.2 |      0.30483 (12121708)      0.30404 (12121708)      0.30511 (13120908)
    0.32862 (14012008)      0.35834 (14012008)
 3736708.3 |      0.28508 (12121708)      0.27969 (13120908)      0.27685 (13120908)
    0.31124 (14012008)      0.32995 (14012008)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\24-073_Coast St
Con\24-073_Coast St Con.isc     ***        06/03/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:32:06

                                  PAGE  48
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     PAREA1      , A0000001
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, A0000002   , A0000003   , A0000004   ,
                A0000005   , A0000006   , A0000007   , A0000008   , A0000009
, A0000010   , A0000011   , A0000012   ,
                A0000013   , A0000014   , A0000015   , A0000016   , A0000017
, A0000018   , A0000019   ,

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

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

  Y-COORD | X-COORD (METERS)
  (METERS) | 408309.28   408362.41   408415.54
      408468.67   408521.80
 -
- -

 3738343.1 | 0.16212 (12112608)   0.15807 (12112608)   0.13174 (12112608)
     0.09404 (12112608)   0.09467 (14120808)
 3738301.2 | 0.17239 (12112608)   0.16901 (12112608)   0.14012 (12112608)
     0.09838 (12112608)   0.10948 (14120808)
 3738259.3 | 0.18392 (12112608)   0.18129 (12112608)   0.14949 (12112608)
     0.10289 (12112608)   0.12678 (14120808)
 3738217.4 | 0.19675 (12112608)   0.19512 (12112608)   0.15989 (12112608)
     0.10774 (12112608)   0.14755 (14120808)
 3738175.5 | 0.21072 (12112608)   0.21068 (12112608)   0.17116 (12112608)
     0.11298 (12112608)   0.17192 (14120808)
 3738133.5 | 0.22595 (12112608)   0.22788 (12112608)   0.18344 (12112608)
     0.12724 (14120808)   0.20079 (14120808)
 3738091.6 | 0.24324 (12112608)   0.24790 (12112608)   0.19769 (12112608)
     0.15218 (14120808)   0.23515 (14120808)
 3738049.7 | 0.26289 (12112608)   0.27148 (12112608)   0.21436 (12112608)
     0.18294 (14120808)   0.27575 (14120808)
 3738007.8 | 0.28569 (12112608)   0.29945 (12112608)   0.23348 (12112608)
     0.22155 (14120808)   0.32355 (14120808)
 3737965.9 | 0.31164 (12112608)   0.33298 (12112608)   0.25564 (12112608)
     0.27007 (14120808)   0.37945 (14120808)
 3737923.9 | 0.34167 (12112608)   0.37362 (12112608)   0.28218 (12112608)
     0.33058 (14120808)   0.44379 (14120808)
 3737882.0 | 0.37638 (12112608)   0.42361 (12112608)   0.31325 (12112608)
     0.40661 (14120808)   0.51414 (14120808)
 3737840.1 | 0.41656 (12112608)   0.48633 (12112608)   0.35085 (12112608)
     0.50394 (14120808)   0.59015 (14120808)
 3737798.2 | 0.46259 (12112608)   0.56628 (12112608)   0.39619 (12112608)
     0.62820 (14120808)   0.66660 (14120808)
 3737756.3 | 0.51497 (12112608)   0.67173 (12112608)   0.50228 (14120808)
     0.78428 (14120808)   0.73214 (14120808)
 3737714.3 | 0.66849 (12020708)   0.81477 (12112608)   0.68836 (14120808)
     0.97493 (14120808)   0.76699 (14120808)

3737672.4 | 0.92536 (12120608) 1.01785 (12112608) 0.97048 (14120808)
1.19007 (14120808) 0.74012 (14120808)
3737630.5 | 1.31651 (12120608) 1.32301 (12112608) 1.41184 (14120808)
1.38877 (14120808) 0.62076 (14120808)
3737588.6 | 1.83383 (12120608) 1.81556 (12112608) 2.11792 (14120808)
1.46121 (14120808) 0.46971 (14013108)
3737546.7 | 2.34186 (12120608) 2.70632 (12112608) 3.21731 (14120808)
1.19634 (14120808) 0.80665 (16120208)
3737504.7 | 3.80941 (15012908) 4.43054 (12112608) 4.43701 (14120808)
1.56400 (16120208) 1.06308 (15010508)
3737462.8 | 7.03546 (12121008) 4.77008 (12120608) 4.06857 (16120208)
2.54268 (15012808) 1.71220 (15012808)
3737420.9 | 6.84728 (13011608) 5.21185 (12011108) 7.76942 (12021708)
4.38719 (12021708) 2.40059 (12021708)
3737379.0 | 4.76088 (12020208) 7.10157 (14012008) 5.88308 (12011808)
3.71603 (12020808) 2.22687 (13020408)
3737337.1 | 3.28003 (12121708) 4.32864 (14012208) 3.84220 (16121308)
3.12920 (12020808) 2.11639 (12020808)
3737295.1 | 2.48336 (12121708) 2.92269 (14012208) 2.67525 (16121308)
2.06988 (12011808) 1.95450 (12020808)
3737253.2 | 1.76455 (13120908) 2.11027 (14012208) 1.88028 (16121308)
1.69452 (13021408) 1.34860 (12020808)
3737211.3 | 1.42294 (14012008) 1.62405 (14012208) 1.37208 (16121308)
1.34787 (16121308) 1.13897 (12011808)
3737169.4 | 1.21201 (14012008) 1.30027 (14012208) 1.06578 (14010708)
1.15874 (16121308) 1.01987 (13021408)
3737127.5 | 1.02890 (14012008) 1.06574 (14012208) 0.85603 (14010708)
0.97810 (16121308) 0.86222 (13021408)
3737085.5 | 0.87888 (14012008) 0.89935 (14012208) 0.73539 (14012108)
0.82164 (16121308) 0.73973 (16121308)
3737043.6 | 0.75803 (14012008) 0.77086 (14012208) 0.64454 (14012108)
0.68761 (16121308) 0.67882 (16121308)
3737001.7 | 0.65980 (14012008) 0.67183 (14012208) 0.57220 (14012108)
0.57933 (16121308) 0.61401 (16121308)
3736959.8 | 0.57778 (14012008) 0.59115 (14012208) 0.51142 (14012108)
0.50488 (14010708) 0.54908 (16121308)
3736917.9 | 0.51896 (14012208) 0.52625 (14012208) 0.46192 (14012108)
0.44659 (14010708) 0.48884 (16121308)
3736875.9 | 0.47258 (14012208) 0.47258 (14012208) 0.41996 (14012108)
0.39669 (14010708) 0.43359 (16121308)
3736834.0 | 0.43268 (14012208) 0.42784 (14012208) 0.38311 (14012108)
0.35368 (14010708) 0.38374 (16121308)
3736792.1 | 0.39804 (14012208) 0.38945 (14012208) 0.35173 (14012108)
0.31685 (14010708) 0.33976 (16121308)
3736750.2 | 0.36705 (14012208) 0.35684 (14012208) 0.32465 (14012108)
0.28479 (14010708) 0.31019 (14010708)
3736708.3 | 0.33982 (14012208) 0.32853 (14012208) 0.30099 (14012108)
0.26580 (14011608) 0.28516 (14010708)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):   PAREA1   , A0000001
, A0000002   , A0000003   , A0000004   ,
                A0000005   , A0000006   , A0000007   , A0000008   , A0000009
, A0000010   , A0000011   , A0000012   ,
                A0000013   , A0000014   , A0000015   , A0000016   , A0000017
, A0000018   , A0000019   ,

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

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

  Y-COORD | X-COORD (METERS)
  (METERS) | 408574.93   408628.06   408681.19
      408734.32   408787.45
 -
- -

 3738343.1 | 0.13743 (14120808)   0.17412 (14120808)   0.19552 (14120808)
     0.19536 (14120808)   0.17587 (14120808)
 3738301.2 | 0.15616 (14120808)   0.19363 (14120808)   0.21072 (14120808)
     0.20359 (14120808)   0.17610 (14120808)
 3738259.3 | 0.17758 (14120808)   0.21455 (14120808)   0.22595 (14120808)
     0.21012 (14120808)   0.17404 (14120808)
 3738217.4 | 0.20204 (14120808)   0.23676 (14120808)   0.24021 (14120808)
     0.21385 (14120808)   0.16907 (14120808)
 3738175.5 | 0.22955 (14120808)   0.25987 (14120808)   0.25287 (14120808)
     0.21433 (14120808)   0.16084 (14120808)
 3738133.5 | 0.26045 (14120808)   0.28317 (14120808)   0.26275 (14120808)
     0.21095 (14120808)   0.14920 (14120808)
 3738091.6 | 0.29473 (14120808)   0.30607 (14120808)   0.26863 (14120808)
     0.20284 (14120808)   0.13417 (14120808)
 3738049.7 | 0.33175 (14120808)   0.32661 (14120808)   0.26910 (14120808)
     0.18979 (14120808)   0.11633 (14120808)
 3738007.8 | 0.37087 (14120808)   0.34311 (14120808)   0.26294 (14120808)
     0.17115 (14120808)   0.09628 (14120808)
 3737965.9 | 0.41013 (14120808)   0.35267 (14120808)   0.24881 (14120808)
     0.14762 (14120808)   0.07909 (12111308)
 3737923.9 | 0.44731 (14120808)   0.35269 (14120808)   0.22565 (14120808)
     0.12036 (14120808)   0.10808 (12111308)
 3737882.0 | 0.47682 (14120808)   0.33954 (14120808)   0.19354 (14120808)

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    0.10434 (12111308)      0.13374 (12111308)
3737840.1 |      0.49225 (14120808)      0.30992 (14120808)      0.15410 (14120808)
    0.13851 (12111308)      0.14882 (12111308)
3737798.2 |      0.48756 (14120808)      0.26349 (14120808)      0.14057 (12111308)
    0.16152 (12111308)      0.14420 (12111308)
3737756.3 |      0.45378 (14120808)      0.20306 (14120808)      0.17598 (12111308)
    0.16187 (12111308)      0.16989 (16120208)
3737714.3 |      0.38408 (14120808)      0.19240 (12111308)      0.19704 (14013108)
    0.20955 (16120208)      0.20466 (16120208)
3737672.4 |      0.28012 (14120808)      0.24966 (14013108)      0.26711 (16120208)
    0.25306 (16120208)      0.21510 (16120208)
3737630.5 |      0.33135 (14013108)      0.35633 (16120208)      0.32254 (16120208)
    0.25738 (16120208)      0.24047 (15010508)
3737588.6 |      0.50791 (16120208)      0.42752 (16120208)      0.34931 (15010508)
    0.31959 (15010508)      0.27734 (15010508)
3737546.7 |      0.59597 (16120208)      0.51463 (15010508)      0.42009 (15010508)
    0.33183 (15010508)      0.25947 (15010508)
3737504.7 |      0.75843 (15010508)      0.52340 (15010508)      0.44923 (15012808)
    0.40312 (15012808)      0.36116 (15012808)
3737462.8 |      1.22788 (15012808)      0.93277 (15012808)      0.73922 (15012808)
    0.60523 (15012808)      0.50780 (15012808)
3737420.9 |      1.51146 (12021708)      1.04499 (12021708)      0.80439 (15012808)
    0.65204 (15012808)      0.54338 (15012808)
3737379.0 |      1.52769 (12021708)      1.18558 (12021708)      0.92756 (12021708)
    0.73767 (12021708)      0.59717 (12021708)
3737337.1 |      1.37329 (16012108)      1.09296 (13020408)      0.85464 (13020408)
    0.69838 (12021708)      0.60524 (12021708)
3737295.1 |      1.40942 (12020808)      0.92958 (16012108)      0.80054 (16012108)
    0.68532 (13020408)      0.57703 (13020408)
3737253.2 |      1.36247 (12020808)      1.03079 (12020808)      0.66489 (12020808)
    0.62052 (16012108)      0.54161 (16012108)
3737211.3 |      1.06638 (12020808)      1.02042 (12020808)      0.79667 (12020808)
    0.54910 (12020808)      0.48914 (16012108)
3737169.4 |      0.79540 (12011808)      0.85858 (12020808)      0.80035 (12020808)
    0.63993 (12020808)      0.46216 (12020808)
3737127.5 |      0.75574 (12011808)      0.64404 (12020808)      0.70667 (12020808)
    0.65040 (12020808)      0.53007 (12020808)
3737085.5 |      0.69670 (13021408)      0.57475 (12011808)      0.56499 (12020808)
    0.59295 (12020808)      0.54209 (12020808)
3737043.6 |      0.62304 (13021408)      0.54947 (12011808)      0.43537 (12011808)
    0.49671 (12020808)      0.50603 (12020808)
3737001.7 |      0.53913 (13021408)      0.51408 (13021408)      0.44020 (12011808)
    0.38949 (12020808)      0.43891 (12020808)
3736959.8 |      0.48331 (16121308)      0.47675 (13021408)      0.42424 (12011808)
    0.34996 (12011808)      0.35830 (12020808)
3736917.9 |      0.45922 (16121308)      0.42853 (13021408)      0.39926 (13021408)
    0.35170 (12011808)      0.28404 (13020108)
3736875.9 |      0.42913 (16121308)      0.37769 (13021408)      0.37870 (13021408)
    0.34130 (12011808)      0.28950 (12011808)
3736834.0 |      0.39804 (16121308)      0.34801 (16121308)      0.35012 (13021408)
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    0.32232 (13021408)      0.29037 (12011808)
 3736792.1 |      0.36625 (16121308)      0.33633 (16121308)      0.31745 (13021408)
    0.31030 (13021408)      0.28293 (12011808)
 3736750.2 |      0.33532 (16121308)      0.32136 (16121308)      0.28283 (13021408)
    0.29256 (13021408)      0.26917 (12011808)
 3736708.3 |      0.30588 (16121308)      0.30396 (16121308)      0.26604 (16121308)
    0.27034 (13021408)      0.26008 (13021408)
↑ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\24-073_Coast St
Con\24-073_Coast St Con.isc     ***        06/03/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:32:06

                                  PAGE  50
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     PAREA1      , A0000001
, A0000002    , A0000003    , A0000004    ,
                 A0000005    , A0000006    , A0000007    , A0000008    , A0000009
, A0000010    , A0000011    , A0000012    ,
                 A0000013    , A0000014    , A0000015    , A0000016    , A0000017
, A0000018    , A0000019    ,

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

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

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       408840.58               408893.71               408946.84
     408999.97               409053.10
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3738343.1 |      0.14346 (14120808)      0.10729 (14120808)      0.07542 (15111708)
    0.06554 (15111708)      0.04815 (15111708)
 3738301.2 |      0.13793 (14120808)      0.09858 (14120808)      0.07420 (15111708)
    0.05831 (15111708)      0.04630 (12111308)
 3738259.3 |      0.13026 (14120808)      0.08847 (14120808)      0.06912 (15111708)
    0.04865 (15111708)      0.06014 (12111308)
 3738217.4 |      0.12012 (14120808)      0.07942 (15111708)      0.06027 (15111708)
    0.05652 (12111308)      0.07487 (12111308)
 3738175.5 |      0.10788 (14120808)      0.07326 (15111708)      0.05220 (12111308)
    0.07297 (12111308)      0.08890 (12111308)
 3738133.5 |      0.09387 (14120808)      0.06283 (15111708)      0.07015 (12111308)
    0.08913 (12111308)      0.09975 (12111308)
 3738091.6 |      0.07870 (14120808)      0.06634 (12111308)      0.08862 (12111308)
    0.10265 (12111308)      0.10481 (12111308)
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```
3738049.7 |      0.06541 (15111708)      0.08732 (12111308)      0.10571 (12111308)
    0.11053 (12111308)      0.10279 (12111308)
3738007.8 |      0.08415 (12111308)      0.10753 (12111308)      0.11642 (12111308)
    0.10993 (12111308)      0.09269 (12111308)
3737965.9 |      0.10824 (12111308)      0.12251 (12111308)      0.11795 (12111308)
    0.10008 (12111308)      0.07926 (16120208)
3737923.9 |      0.12854 (12111308)      0.12728 (12111308)      0.10862 (12111308)
    0.08989 (16120208)      0.09367 (16120208)
3737882.0 |      0.13714 (12111308)      0.11853 (12111308)      0.10304 (16120208)
    0.10664 (16120208)      0.10389 (16120208)
3737840.1 |      0.12995 (12111308)      0.11971 (16120208)      0.12274 (16120208)
    0.11777 (16120208)      0.10756 (16120208)
3737798.2 |      0.14122 (16120208)      0.14313 (16120208)      0.13469 (16120208)
    0.12019 (16120208)      0.10298 (16120208)
3737756.3 |      0.16951 (16120208)      0.15563 (16120208)      0.13483 (16120208)
    0.11416 (15010508)      0.11586 (15010508)
3737714.3 |      0.18185 (16120208)      0.15171 (16120208)      0.14270 (15010508)
    0.14033 (15010508)      0.13377 (15010508)
3737672.4 |      0.18193 (15010508)      0.17904 (15010508)      0.16905 (15010508)
    0.15525 (15010508)      0.13994 (15010508)
3737630.5 |      0.22415 (15010508)      0.20138 (15010508)      0.17691 (15010508)
    0.15336 (15010508)      0.13179 (15010508)
3737588.6 |      0.23427 (15010508)      0.19513 (15010508)      0.16151 (15010508)
    0.13355 (15010508)      0.11057 (15010508)
3737546.7 |      0.20311 (15010508)      0.18546 (15012808)      0.17777 (15012808)
    0.16959 (15012808)      0.16154 (15012808)
3737504.7 |      0.32397 (15012808)      0.29216 (15012808)      0.26552 (15012808)
    0.24244 (15012808)      0.22290 (15012808)
3737462.8 |      0.43468 (15012808)      0.37832 (15012808)      0.33336 (15012808)
    0.29762 (15012808)      0.26878 (15012808)
3737420.9 |      0.46228 (15012808)      0.40031 (15012808)      0.35190 (15012808)
    0.31307 (15012808)      0.28178 (15012808)
3737379.0 |      0.49102 (12021708)      0.40985 (12021708)      0.34629 (12021708)
    0.29609 (15011908)      0.26243 (15011908)
3737337.1 |      0.52315 (12021708)      0.45246 (12021708)      0.39311 (12021708)
    0.34286 (12021708)      0.30056 (12021708)
3737295.1 |      0.47692 (13020408)      0.42328 (12021708)      0.38477 (12021708)
    0.34783 (12021708)      0.31401 (12021708)
3737253.2 |      0.48779 (13020408)      0.42642 (13020408)      0.36617 (13020408)
    0.31176 (12021708)      0.29292 (12021708)
3737211.3 |      0.45348 (16012108)      0.40274 (13020408)      0.36981 (13020408)
    0.33158 (13020408)      0.29281 (13020408)
3737169.4 |      0.39215 (16012108)      0.37774 (16012108)      0.44856 (16012108)
    0.39875 (13020408)      0.29284 (13020408)
3737127.5 |      0.39675 (12020808)      0.31822 (16012108)      0.31694 (16012108)
    0.30145 (16012108)      0.37143 (16012108)
3737085.5 |      0.44865 (12020808)      0.34538 (12020808)      0.26685 (13122308)
    0.26773 (16012108)      0.26190 (16012108)
3737043.6 |      0.46114 (12020808)      0.38651 (12020808)      0.30405 (12020808)
    0.23956 (13122308)      0.22739 (16012108)
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 3737001.7 |      0.43798 (12020808)      0.39866 (12020808)      0.33765 (12020808)
     0.27038 (12020808)      0.21641 (13122308)
 3736959.8 |      0.39022 (12020808)      0.38383 (12020808)      0.34914 (12020808)
     0.29845 (12020808)      0.24269 (12020808)
 3736917.9 |      0.32897 (12020808)      0.34908 (12020808)      0.33975 (12020808)
     0.30930 (12020808)      0.26650 (12020808)
 3736875.9 |      0.26570 (12020808)      0.30204 (12020808)      0.31422 (12020808)
     0.30360 (12020808)      0.27660 (12020808)
 3736834.0 |      0.23743 (12011808)      0.25097 (12020808)      0.27779 (12020808)
     0.28454 (12020808)      0.27330 (12020808)
 3736792.1 |      0.24497 (12011808)      0.21142 (13020108)      0.23625 (12020808)
     0.25597 (12020808)      0.25900 (12020808)
 3736750.2 |      0.24547 (12011808)      0.20559 (12011808)      0.19479 (12020808)
     0.22204 (12020808)      0.23643 (12020808)
 3736708.3 |      0.23967 (12011808)      0.21088 (12011808)      0.17903 (13020108)
     0.18708 (12020808)      0.20862 (12020808)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\24-073_Coast St
Con\24-073_Coast St Con.isc     ***        06/03/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:32:06

                                  PAGE  51
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     PAREA1      , A0000001
, A0000002    , A0000003    , A0000004    ,
                A0000005    , A0000006    , A0000007    , A0000008    , A0000009
, A0000010    , A0000011    , A0000012    ,
                A0000013    , A0000014    , A0000015    , A0000016    , A0000017
, A0000018    , A0000019    ,

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

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

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       409106.23              409159.36              409212.49
      409265.62              409318.75
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3738343.1 |      0.04957 (12111308)      0.06459 (12111308)      0.07629 (12111308)
     0.08268 (12111308)      0.08292 (12111308)
 3738301.2 |      0.06264 (12111308)      0.07633 (12111308)      0.08465 (12111308)
     0.08621 (12111308)      0.08150 (12111308)
 3738259.3 |      0.07596 (12111308)      0.08645 (12111308)      0.08952 (12111308)
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    0.08563 (12111308)      0.07622 (12111308)
3738217.4 |      0.08784 (12111308)      0.09297 (12111308)      0.08993 (12111308)
    0.08056 (12111308)      0.06725 (12111308)
3738175.5 |      0.09641 (12111308)      0.09461 (12111308)      0.08529 (12111308)
    0.07140 (12111308)      0.05614 (12111308)
3738133.5 |      0.09960 (12111308)      0.09052 (12111308)      0.07590 (12111308)
    0.05937 (12111308)      0.05526 (16120208)
3738091.6 |      0.09646 (12111308)      0.08079 (12111308)      0.06300 (12111308)
    0.06059 (16120208)      0.06180 (16120208)
3738049.7 |      0.08644 (12111308)      0.06689 (12111308)      0.06684 (16120208)
    0.06772 (16120208)      0.06628 (16120208)
3738007.8 |      0.07140 (12111308)      0.07424 (16120208)      0.07466 (16120208)
    0.07234 (16120208)      0.06806 (16120208)
3737965.9 |      0.08304 (16120208)      0.08280 (16120208)      0.07933 (16120208)
    0.07366 (16120208)      0.06666 (16120208)
3737923.9 |      0.09241 (16120208)      0.08738 (16120208)      0.07995 (16120208)
    0.07112 (16120208)      0.06182 (16120208)
3737882.0 |      0.09672 (16120208)      0.08688 (16120208)      0.07581 (16120208)
    0.06924 (15010508)      0.07090 (15010508)
3737840.1 |      0.09458 (16120208)      0.08070 (16120208)      0.08177 (15010508)
    0.08226 (15010508)      0.08114 (15010508)
3737798.2 |      0.09572 (15010508)      0.09667 (15010508)      0.09515 (15010508)
    0.09194 (15010508)      0.08740 (15010508)
3737756.3 |      0.11402 (15010508)      0.10950 (15010508)      0.10322 (15010508)
    0.09601 (15010508)      0.08841 (15010508)
3737714.3 |      0.12470 (15010508)      0.11447 (15010508)      0.10391 (15010508)
    0.09351 (15010508)      0.08363 (15010508)
3737672.4 |      0.12464 (15010508)      0.10996 (15010508)      0.09649 (15010508)
    0.08431 (15010508)      0.07361 (15010508)
3737630.5 |      0.11271 (15010508)      0.09628 (15010508)      0.08221 (15010508)
    0.07032 (15010508)      0.06815 (14120408)
3737588.6 |      0.10423 (14120408)      0.10214 (14120408)      0.09940 (14120408)
    0.09695 (14120408)      0.09384 (14120408)
3737546.7 |      0.15364 (15012808)      0.14488 (15012808)      0.13772 (15012808)
    0.13037 (15012808)      0.12364 (15012808)
3737504.7 |      0.20512 (15012808)      0.18983 (15012808)      0.17601 (15012808)
    0.16359 (15012808)      0.15273 (15012808)
3737462.8 |      0.24369 (15012808)      0.22196 (15012808)      0.20331 (15012808)
    0.18739 (15012808)      0.17346 (15012808)
3737420.9 |      0.25496 (15012808)      0.23203 (15012808)      0.21223 (15012808)
    0.19525 (15012808)      0.18044 (15012808)
3737379.0 |      0.23618 (15012808)      0.21684 (15012808)      0.20032 (15012808)
    0.18549 (15012808)      0.17241 (15012808)
3737337.1 |      0.26505 (12021708)      0.23447 (12021708)      0.20857 (12021708)
    0.18796 (15011908)      0.17250 (15011908)
3737295.1 |      0.28311 (12021708)      0.25565 (12021708)      0.23130 (12021708)
    0.20925 (12021708)      0.19003 (12021708)
3737253.2 |      0.27329 (12021708)      0.25352 (12021708)      0.23457 (12021708)
    0.21661 (12021708)      0.19982 (12021708)
3737211.3 |      0.25578 (13020408)      0.22985 (12021708)      0.21905 (12021708)
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 ,

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

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

Y-COORD (METERS)	X-COORD (METERS)		
	409371.88	409425.01	409478.14

409531.27 409584.40

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3738343.1 | 0.07781 (12111308) 0.06864 (12111308) 0.05736 (12111308)
0.04663 (14013108) 0.04722 (14013108)
3738301.2 | 0.07222 (12111308) 0.06032 (12111308) 0.04986 (14013108)
0.04955 (14013108) 0.04977 (16120208)
3738259.3 | 0.06366 (12111308) 0.05061 (12111308) 0.04327 (16120208)
0.04486 (16120208) 0.05584 (16120208)
3738217.4 | 0.05309 (12111308) 0.04671 (16120208) 0.04835 (16120208)
0.04868 (16120208) 0.04777 (16120208)
3738175.5 | 0.05067 (16120208) 0.05224 (16120208) 0.05228 (16120208)
0.05111 (16120208) 0.04884 (16120208)
3738133.5 | 0.05668 (16120208) 0.05636 (16120208) 0.05463 (16120208)
0.05188 (16120208) 0.04831 (16120208)
3738091.6 | 0.06100 (16120208) 0.05860 (16120208) 0.05509 (16120208)
0.05080 (16120208) 0.04604 (16120208)
3738049.7 | 0.06307 (16120208) 0.05863 (16120208) 0.05340 (16120208)
0.04779 (16120208) 0.04217 (16120208)
3738007.8 | 0.06247 (16120208) 0.05616 (16120208) 0.04953 (16120208)
0.04764 (15010508) 0.04907 (15010508)
3737965.9 | 0.05897 (16120208) 0.05269 (15010508) 0.05448 (15010508)
0.05547 (15010508) 0.05567 (15010508)
3737923.9 | 0.06109 (15010508) 0.06231 (15010508) 0.06260 (15010508)
0.06193 (15010508) 0.06052 (15010508)
3737882.0 | 0.07127 (15010508) 0.07040 (15010508) 0.06856 (15010508)
0.06602 (15010508) 0.06297 (15010508)
3737840.1 | 0.07874 (15010508) 0.07536 (15010508) 0.07141 (15010508)
0.06715 (15010508) 0.06270 (15010508)
3737798.2 | 0.08212 (15010508) 0.07650 (15010508) 0.07074 (15010508)
0.06501 (15010508) 0.05950 (15010508)
3737756.3 | 0.08080 (15010508) 0.07336 (15010508) 0.06632 (15010508)
0.05970 (15010508) 0.05364 (15010508)
3737714.3 | 0.07442 (15010508) 0.06607 (15010508) 0.05859 (15010508)
0.05199 (15010508) 0.04609 (15010508)
3737672.4 | 0.06425 (15010508) 0.05608 (15010508) 0.04891 (15010508)
0.04773 (14120408) 0.04777 (14120408)
3737630.5 | 0.06772 (14120408) 0.06686 (14120408) 0.06567 (14120408)
0.06461 (14120408) 0.06305 (14120408)
3737588.6 | 0.09074 (14120408) 0.08739 (14120408) 0.08414 (14120408)
0.08096 (14120408) 0.07814 (14120408)
3737546.7 | 0.11742 (15012808) 0.11146 (15012808) 0.10621 (15012808)
0.10145 (15012808) 0.09683 (15012808)
3737504.7 | 0.14317 (15012808) 0.13445 (15012808) 0.12637 (15012808)
0.11921 (15012808) 0.11283 (15012808)
3737462.8 | 0.16126 (15012808) 0.15053 (15012808) 0.14095 (15012808)
0.13243 (15012808) 0.12469 (15012808)
3737420.9 | 0.16746 (15012808) 0.15613 (15012808) 0.14598 (15012808)
0.13693 (15012808) 0.12882 (15012808)

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 3737379.0 |      0.16096 (15012808)      0.15086 (15012808)      0.14155 (15012808)
     0.13312 (15012808)      0.12556 (15012808)
 3737337.1 |      0.15886 (15011908)      0.14641 (15011908)      0.13539 (15011908)
     0.12579 (15011908)      0.11679 (15011908)
 3737295.1 |      0.17264 (12021708)      0.15761 (12021708)      0.14354 (12021708)
     0.13267 (15011908)      0.12433 (15011908)
 3737253.2 |      0.18447 (12021708)      0.17022 (12021708)      0.15732 (12021708)
     0.14519 (12021708)      0.13448 (12021708)
 3737211.3 |      0.18405 (12021708)      0.17262 (12021708)      0.16177 (12021708)
     0.15145 (12021708)      0.14173 (12021708)
 3737169.4 |      0.17217 (12021708)      0.16500 (12021708)      0.15729 (12021708)
     0.14957 (12021708)      0.14197 (12021708)
 3737127.5 |      0.16603 (13020408)      0.14832 (13020408)      0.14461 (12021708)
     0.14023 (12021708)      0.13538 (12021708)
 3737085.5 |      0.17524 (13020408)      0.16065 (13020408)      0.14626 (13020408)
     0.13244 (13020408)      0.12279 (12021708)
 3737043.6 |      0.17432 (13020408)      0.16400 (13020408)      0.15301 (13020408)
     0.14162 (13020408)      0.13025 (13020408)
 3737001.7 |      0.22963 (16012108)      0.15875 (13020408)      0.15194 (13020408)
     0.14392 (13020408)      0.13523 (13020408)
 3736959.8 |      0.22287 (16012108)      0.21747 (16012108)      0.14367 (13020408)
     0.13959 (13020408)      0.13415 (13020408)
 3736917.9 |      0.15357 (16012108)      0.20567 (16012108)      0.19487 (16012108)
     0.13531 (16012108)      0.12746 (13020408)
 3736875.9 |      0.13789 (16012108)      0.13868 (16012108)      0.18611 (16012108)
     0.17630 (16012108)      0.12682 (16012108)
 3736834.0 |      0.11863 (16012108)      0.12319 (16012108)      0.12519 (16012108)
     0.16657 (16012108)      0.12251 (16012108)
 3736792.1 |      0.12702 (13122308)      0.11184 (13122308)      0.11040 (16012108)
     0.11322 (16012108)      0.14805 (16012108)
 3736750.2 |      0.13056 (13122308)      0.11910 (13122308)      0.10595 (13122308)
     0.09920 (16012108)      0.12454 (12112808)
 3736708.3 |      0.14430 (12020808)      0.12172 (13122308)      0.11189 (13122308)
     0.10051 (13122308)      0.08942 (16012108)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\24-073_Coast St
Con\24-073_Coast St Con.isc     ***        06/03/25
 *** AERMET - VERSION  16216 ***   ***
                      ***        20:32:06

                                   PAGE  53
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     PAREA1      , A0000001
, A0000002    , A0000003    , A0000004    ,
                A0000005    , A0000006    , A0000007    , A0000008    , A0000009
, A0000010    , A0000011    , A0000012    ,
                A0000013    , A0000014    , A0000015    , A0000016    , A0000017
, A0000018    , A0000019    ,
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*** 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)
408366.38	3737485.43	5.62099	(12112608)	408430.14	3737461.14	3.67132	(15010508)
408181.97	3737466.67	1.76552	(12121008)	408150.06	3737412.73	1.48651	(13013108)
408109.61	3737456.33	1.16416	(13012208)	408217.52	3737471.69	2.54821	(12121008)
408016.80	3737435.48	0.77288	(13012208)	408279.89	3737472.78	4.74499	(12121008)
408798.65	3737545.01	0.24441	(15010508)	408676.12	3737499.78	0.49241	(15012808)
407927.20	3737488.08	0.54417	(13012208)	407852.89	3737488.76	0.45173	(13012208)
408566.64	3737551.51	0.63230	(16120208)	408261.37	3737558.76	1.84033	(15012908)
408120.70	3737439.75	1.24028	(13012208)	408512.12	3737495.11	1.21810	(15010508)
408510.14	3737484.42	1.29251	(15010508)	408511.38	3737471.75	1.51286	(15012808)
408511.63	3737457.34	2.01866	(15012808)	408356.31	3737407.88	7.73484	(12121708)
408511.63	3737446.65	2.27539	(15012808)	408511.13	3737433.23	2.39639	(12021708)
408327.23	3737479.20	5.78332	(15012908)	408329.72	3737416.58	8.62577	(12020208)
408387.62	3737478.21	7.15759	(14120808)	408407.50	3737476.47	5.37260	(14120808)
408293.50	3737546.37	2.08534	(15012908)	408183.24	3737542.99	1.45125	(12122808)
408402.13	3737553.87	2.89305	(14120808)	408440.68	3737412.33	5.73205	(13020408)
408407.34	3737393.62	7.45448	(12011808)	408359.39	3737391.57	7.86993	(14012008)
408512.32	3737400.05	2.58871	(12021708)	408481.62	3737390.11	3.21235	(13020408)
408443.74	3737538.89	2.25757	(14120808)	408503.64	3737538.89	0.91408	(16120208)
408367.16	3737603.86	1.60855	(12112608)	408324.78	3737606.24	1.51111	(12120608)
408547.34	3737413.04	1.97451	(12021708)	408327.55			

3737398.88   7.12680 (12020208)

↑ *** AERMOD - VERSION 23132 ***   *** C:\Lakes\AERMOD View\24-073_Coast St Con\24-073_Coast St Con.isc   ***   06/03/25
*** AERMET - VERSION 16216 ***   ***   ***   20:32:06

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***

INCLUDING SOURCE(S):   PAREA1   , A0000001, A0000002   , A0000003   , A0000004   ,
A0000005   , A0000006   , A0000007   , A0000008   , A0000009, A0000010   , A0000011   , A0000012   ,
A0000013   , A0000014   , A0000015   , A0000016   , A0000017, A0000018   , A0000019   ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 407512.33	407565.46	407618.59	407671.72	407724.85
3738343.1	0.00502 (15012924)	0.00491 (15012924)	0.00454 (15012924)	0.00395 (15012924)	0.00321 (15012924)
3738301.2	0.00527 (15012924)	0.00536 (15012924)	0.00514 (15012924)	0.00468 (15012924)	0.00396 (15012924)
3738259.3	0.00537 (15012924)	0.00566 (15012924)	0.00572 (15012924)	0.00541 (15012924)	0.00479 (15012924)
3738217.4	0.00530 (15012924)	0.00585 (15012924)	0.00615 (15012924)	0.00609 (15012924)	0.00565 (15012924)
3738175.5	0.00505 (15012924)	0.00582 (15012924)	0.00640 (15012924)	0.00665 (15012924)	0.00649 (15012924)
3738133.5	0.00462 (15012924)	0.00557 (15012924)	0.00642 (15012924)	0.00702 (15012924)	0.00722 (15012924)
3738091.6	0.00495c(15020424)	0.00510 (15012924)	0.00618 (15012924)	0.00712 (15012924)	0.00773 (15012924)
3738049.7	0.00558c(15020424)	0.00545c(15020424)	0.00567 (15012924)	0.00690 (15012924)	0.00794 (15012924)
3738007.8	0.00601 (15011324)	0.00615c(15020424)	0.00604c(15020424)	0.00635 (15012924)	0.00776 (15012924)
3737965.9	0.00682 (15011324)	0.00675 (15011324)	0.00681c(15020424)	0.00674c(15020424)	0.00717 (15012924)

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3737923.9 |      0.00753c(12122824)      0.00762 (15011324)      0.00764 (15011324)
    0.00761c(15020424)      0.00760c(15020424)
3737882.0 |      0.00854c(12122824)      0.00862c(12122824)      0.00854 (15011324)
    0.00870 (15011324)      0.00858c(15020424)
3737840.1 |      0.01010c(12121024)      0.00973c(12121024)      0.00991c(12122824)
    0.00991c(12122824)      0.00999 (15011324)
3737798.2 |      0.01201c(12121024)      0.01205c(12121024)      0.01183c(12121024)
    0.01143c(12122824)      0.01166c(12122824)
3737756.3 |      0.01344c(12121024)      0.01400c(12121024)      0.01434c(12121024)
    0.01443c(12121024)      0.01415c(12121024)
3737714.3 |      0.01407c(12121024)      0.01517c(12121024)      0.01618c(12121024)
    0.01704c(12121024)      0.01761c(12121024)
3737672.4 |      0.01377c(12121024)      0.01525c(12121024)      0.01685c(12121024)
    0.01847c(12121024)      0.02004c(12121024)
3737630.5 |      0.01250c(12121024)      0.01422c(12121024)      0.01616c(12121024)
    0.01831c(12121024)      0.02067c(12121024)
3737588.6 |      0.01129c(13010924)      0.01227c(13010924)      0.01412c(12121024)
    0.01643c(12121024)      0.01918c(12121024)
3737546.7 |      0.01112 (16021124)      0.01206 (16021124)      0.01311c(13010924)
    0.01464c(13010924)      0.01636c(13010924)
3737504.7 |      0.01104c(12010324)      0.01200c(12010324)      0.01313c(12010324)
    0.01444c(12010324)      0.01597c(12010324)
3737462.8 |      0.01187c(14120524)      0.01293c(14120524)      0.01418c(14120524)
    0.01565c(14120524)      0.01738c(14120524)
3737420.9 |      0.01263c(14120524)      0.01378c(14120524)      0.01515c(14120524)
    0.01676c(14120524)      0.01869c(14120524)
3737379.0 |      0.01229c(14120524)      0.01331c(14120524)      0.01449c(14120524)
    0.01589c(14120524)      0.01752c(14120524)
3737337.1 |      0.01089c(14120524)      0.01159c(14120524)      0.01244 (13013124)
    0.01362 (13013124)      0.01498 (13013124)
3737295.1 |      0.01003 (13013124)      0.01072 (13013124)      0.01156 (16121424)
    0.01301c(15010224)      0.01478c(15010224)
3737253.2 |      0.00991c(15010224)      0.01443c(15010224)      0.01646c(15010224)
    0.01821c(15010224)      0.02011c(12010424)
3737211.3 |      0.01041c(12010424)      0.01156c(12010424)      0.01281c(12010424)
    0.01415c(12010424)      0.01547c(12010424)
3737169.4 |      0.01072c(12010424)      0.01159c(12010424)      0.01245c(12010424)
    0.01324c(12010424)      0.01430c(13010424)
3737127.5 |      0.01035c(12010424)      0.01087c(12010424)      0.01154c(13010424)
    0.01306c(13010424)      0.01451c(13010424)
3737085.5 |      0.00959c(13010424)      0.01073c(13010424)      0.01183c(13010424)
    0.01295 (12020224)      0.01497 (12020224)
3737043.6 |      0.00991c(13010424)      0.01072c(13010424)      0.01195 (12020224)
    0.01352 (12020224)      0.01480 (12020224)
3737001.7 |      0.00975 (12020224)      0.01105 (12020224)      0.01222 (12020224)
    0.01316 (12020224)      0.01364 (12020224)
3736959.8 |      0.01021 (12020224)      0.01110 (12020224)      0.01175 (12020224)
    0.01202 (12020224)      0.01176 (12020224)
3736917.9 |      0.01012 (12020224)      0.01058 (12020224)      0.01069 (12020224)
    0.01039 (12020224)      0.01059 (13011724)
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3738343.1 | 0.00307c(12120624) 0.00442c(12120624) 0.00583c(12120624)
    0.00700c(12120624) 0.00759c(12120624)
3738301.2 | 0.00310 (15012924) 0.00405c(12120624) 0.00560c(12120624)
    0.00705c(12120624) 0.00797c(12120624)
3738259.3 | 0.00392 (15012924) 0.00361c(12120624) 0.00527c(12120624)
    0.00697c(12120624) 0.00826c(12120624)
3738217.4 | 0.00486 (15012924) 0.00383 (15012924) 0.00484c(12120624)
    0.00675c(12120624) 0.00844c(12120624)
3738175.5 | 0.00587 (15012924) 0.00488 (15012924) 0.00430c(12120624)
    0.00639c(12120624) 0.00846c(12120624)
3738133.5 | 0.00690 (15012924) 0.00606 (15012924) 0.00482 (15012924)

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    0.00588c(12120624)      0.00829c(12120624)
3738091.6 |      0.00783 (15012924)      0.00730 (15012924)      0.00618 (15012924)
    0.00522c(12120624)      0.00791c(12120624)
3738049.7 |      0.00854 (15012924)      0.00850 (15012924)      0.00768 (15012924)
    0.00621 (15012924)      0.00731c(12120624)
3738007.8 |      0.00891 (15012924)      0.00948 (15012924)      0.00921 (15012924)
    0.00801 (15012924)      0.00646c(12120624)
3737965.9 |      0.00880 (15012924)      0.01007 (15012924)      0.01056 (15012924)
    0.00993 (15012924)      0.00818 (15012924)
3737923.9 |      0.00817 (15012924)      0.01009 (15012924)      0.01146 (15012924)
    0.01174 (15012924)      0.01059 (15012924)
3737882.0 |      0.00865c(15020424)      0.00941 (15012924)      0.01164 (15012924)
    0.01310 (15012924)      0.01307 (15012924)
3737840.1 |      0.00985 (15011324)      0.00998c(15020424)      0.01093 (15012924)
    0.01361 (15012924)      0.01515 (15012924)
3737798.2 |      0.01154 (15011324)      0.01158 (15011324)      0.01167c(15020424)
    0.01295 (15012924)      0.01622 (15012924)
3737756.3 |      0.01382c(12122824)      0.01393c(12122824)      0.01381 (15011324)
    0.01389c(15020424)      0.01569 (15012924)
3737714.3 |      0.01775c(12121024)      0.01732c(12121024)      0.01712c(12122824)
    0.01691c(12122824)      0.01690c(15020424)
3737672.4 |      0.02139c(12121024)      0.02236c(12121024)      0.02260c(12121024)
    0.02185c(12121024)      0.02183c(12122824)
3737630.5 |      0.02320c(12121024)      0.02574c(12121024)      0.02806c(12121024)
    0.02979c(12121024)      0.03015c(12121024)
3737588.6 |      0.02241c(12121024)      0.02614c(12121024)      0.03028c(12121024)
    0.03484c(12121024)      0.03921c(12121024)
3737546.7 |      0.01907c(12121024)      0.02306c(12121024)      0.02801c(12121024)
    0.03424c(12121024)      0.04197c(12121024)
3737504.7 |      0.01774c(12010324)      0.01987c(13010924)      0.02321c(13010924)
    0.02770c(12121024)      0.03582c(12121024)
3737462.8 |      0.01948c(14120524)      0.02207c(14120524)      0.02525c(14120524)
    0.02939c(14120524)      0.03506c(14120524)
3737420.9 |      0.02104c(14120524)      0.02394c(14120524)      0.02749c(14120524)
    0.03221c(14120524)      0.03865c(14120524)
3737379.0 |      0.01945c(14120524)      0.02174c(14120524)      0.02446c(14120524)
    0.02786c(14120524)      0.03215c(14120524)
3737337.1 |      0.01653 (13013124)      0.01828 (13013124)      0.02156c(15010224)
    0.02577c(12010424)      0.03184c(12010424)
3737295.1 |      0.01691c(12010424)      0.01978c(12010424)      0.02310c(12010424)
    0.03254c(12010424)      0.03069c(12010424)
3737253.2 |      0.02287c(12010424)      0.02543c(12010424)      0.02730c(12010424)
    0.03162c(13010424)      0.03829c(13010424)
3737211.3 |      0.02017c(12010424)      0.02339c(13010424)      0.02803c(13010424)
    0.03119c(13010424)      0.03669 (12020224)
3737169.4 |      0.01636c(13010424)      0.01848 (12020224)      0.02205 (12020224)
    0.02961 (12020224)      0.02699 (12020224)
3737127.5 |      0.01664 (12020224)      0.01918 (12020224)      0.02115 (12020224)
    0.02197 (12020224)      0.02763 (13011724)
3737085.5 |      0.01681 (12020224)      0.01807 (12020224)      0.01834 (12020224)
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    0.01828 (13011724)      0.01939 (13011724)
 3737043.6 |      0.01562 (12020224)      0.01562 (12020224)      0.01558 (13011724)
    0.01651 (13011724)      0.01781 (15122924)
 3737001.7 |      0.01348 (12020224)      0.01353 (13011724)      0.01427 (13011724)
    0.01520 (15122924)      0.01606 (15122924)
 3736959.8 |      0.01189 (13011724)      0.01252 (13011724)      0.01310 (15122924)
    0.01413 (15122924)      0.01371 (15122924)
 3736917.9 |      0.01113 (13011724)      0.01144 (15122924)      0.01246 (15122924)
    0.01249 (15122924)      0.01391c(12011124)
 3736875.9 |      0.01006 (15122924)      0.01107 (15122924)      0.01134 (15122924)
    0.01107 (16012524)      0.01476c(12011124)
 3736834.0 |      0.00988 (15122924)      0.01029 (15122924)      0.00993 (15122924)
    0.01157c(12011124)      0.01512c(12011124)
 3736792.1 |      0.00936 (15122924)      0.00923 (15122924)      0.00951 (16012524)
    0.01222c(12011124)      0.01507c(12011124)
 3736750.2 |      0.00856 (15122924)      0.00802 (15122924)      0.00983c(12011124)
    0.01255c(12011124)      0.01467c(12011124)
 3736708.3 |      0.00760 (15122924)      0.00825 (16012524)      0.01033c(12011124)
    0.01258c(12011124)      0.01400c(12011124)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\24-073_Coast St
Con\24-073_Coast St Con.isc     ***        06/03/25
 *** AERMET - VERSION  16216 ***   ***
                      ***        20:32:06

                                 PAGE  56
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     PAREA1      , A0000001
, A0000002    , A0000003    , A0000004    ,
                A0000005    , A0000006    , A0000007    , A0000008    , A0000009
, A0000010    , A0000011    , A0000012    ,
                A0000013    , A0000014    , A0000015    , A0000016    , A0000017
, A0000018    , A0000019    ,

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

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

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       408043.63              408096.76              408149.89
      408203.02              408256.15
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3738343.1 |      0.00735c(12120624)      0.00629c(12120624)      0.00505 (12020724)
    0.00456 (12112624)      0.00598 (12112624)
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3738301.2 |      0.00802c(12120624)      0.00709c(12120624)      0.00569 (12020724)
    0.00467 (12112624)      0.00626 (12112624)
3738259.3 |      0.00868c(12120624)      0.00798c(12120624)      0.00641 (12020724)
    0.00484 (12020724)      0.00658 (12112624)
3738217.4 |      0.00930c(12120624)      0.00892c(12120624)      0.00734c(12120624)
    0.00558 (12020724)      0.00690 (12112624)
3738175.5 |      0.00983c(12120624)      0.00990c(12120624)      0.00847c(12120624)
    0.00643 (12020724)      0.00725 (12112624)
3738133.5 |      0.01025c(12120624)      0.01088c(12120624)      0.00975c(12120624)
    0.00743 (12020724)      0.00759 (12112624)
3738091.6 |      0.01046c(12120624)      0.01181c(12120624)      0.01116c(12120624)
    0.00863c(12120624)      0.00797 (12112624)
3738049.7 |      0.01041c(12120624)      0.01259c(12120624)      0.01264c(12120624)
    0.01025c(12120624)      0.00835 (12112624)
3738007.8 |      0.01002c(12120624)      0.01314c(12120624)      0.01416c(12120624)
    0.01218c(12120624)      0.00877 (12112624)
3737965.9 |      0.00929c(12120624)      0.01335c(12120624)      0.01565c(12120624)
    0.01444c(12120624)      0.01045 (12020724)
3737923.9 |      0.00819c(12120624)      0.01311c(12120624)      0.01695c(12120624)
    0.01699c(12120624)      0.01266 (12020724)
3737882.0 |      0.01118 (15012924)      0.01230c(12120624)      0.01784c(12120624)
    0.01977c(12120624)      0.01587c(12120624)
3737840.1 |      0.01456 (15012924)      0.01154 (15012924)      0.01804c(12120624)
    0.02258c(12120624)      0.01994c(12120624)
3737798.2 |      0.01774 (15012924)      0.01611 (15012924)      0.01725c(12120624)
    0.02507c(12120624)      0.02496c(12120624)
3737756.3 |      0.01975 (15012924)      0.02096 (15012924)      0.01748 (15012924)
    0.02659c(12120624)      0.03094c(12120624)
3737714.3 |      0.01956 (15012924)      0.02466 (15012924)      0.02489 (15012924)
    0.02628c(12120624)      0.03749c(12120624)
3737672.4 |      0.02117c(15020424)      0.02526 (15012924)      0.03176 (15012924)
    0.02932 (15012924)      0.04338c(12120624)
3737630.5 |      0.02900c(12122824)      0.02842c(12122824)      0.03422 (15012924)
    0.04238 (15012924)      0.04592c(12120624)
3737588.6 |      0.04272c(12121024)      0.04318c(12121024)      0.04192c(12122824)
    0.05014 (15012924)      0.05877 (15012924)
3737546.7 |      0.05121c(12121024)      0.06097c(12121024)      0.06911c(12121024)
    0.06852c(12121024)      0.08266 (15012924)
3737504.7 |      0.04721c(12121024)      0.06321c(12121024)      0.08570c(12121024)
    0.11588c(12121024)      0.14269c(12121024)
3737462.8 |      0.04279c(14120524)      0.05378c(14120524)      0.07091c(14120524)
    0.10836c(12121024)      0.19132c(12121024)
3737420.9 |      0.04770c(14120524)      0.06069c(14120524)      0.08169c(14120524)
    0.11780c(14120524)      0.19086c(14120524)
3737379.0 |      0.03757c(14120524)      0.04789c(15010224)      0.06592c(12010424)
    0.09288c(12010424)      0.14963 (12020224)
3737337.1 |      0.03928c(12010424)      0.04823c(12010424)      0.06224 (12020224)
    0.09033 (12020224)      0.10888 (13011724)
3737295.1 |      0.03630c(13010424)      0.04802 (12020224)      0.06047 (12020224)
    0.06592 (13011724)      0.08045c(12011124)
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 3737253.2 |      0.04429 (12020224)      0.04429 (12020224)      0.04504 (13011724)
     0.04990 (15122924)      0.07828c(12011124)
 3737211.3 |      0.03901 (12020224)      0.03394 (13011724)      0.03676 (15122924)
     0.04851 (16012524)      0.06678c(12011124)
 3737169.4 |      0.02681 (13011724)      0.02872 (13011724)      0.03098 (15122924)
     0.04668c(12011124)      0.05569c(12121724)
 3737127.5 |      0.02334 (13011724)      0.02551 (15122924)      0.03204c(12011124)
     0.04333c(12011124)      0.04603c(12121724)
 3737085.5 |      0.02123 (15122924)      0.02196c(12011124)      0.03249c(12011124)
     0.03817c(12011124)      0.03752c(12121724)
 3737043.6 |      0.01831 (15122924)      0.02354c(12011124)      0.03101c(12011124)
     0.03294c(12121724)      0.03055c(14012024)
 3737001.7 |      0.01714c(12011124)      0.02390c(12011124)      0.02831c(12011124)
     0.02875c(12121724)      0.02826c(14012024)
 3736959.8 |      0.01830c(12011124)      0.02330c(12011124)      0.02529c(12011124)
     0.02478c(12121724)      0.02606c(14012024)
 3736917.9 |      0.01870c(12011124)      0.02198c(12011124)      0.02246c(12121724)
     0.02131c(12121724)      0.02394c(14012024)
 3736875.9 |      0.01846c(12011124)      0.02026c(12011124)      0.02019c(12121724)
     0.01833c(14010824)      0.02199c(14012024)
 3736834.0 |      0.01774c(12011124)      0.01834c(12011124)      0.01799c(12121724)
     0.01725c(14012024)      0.02017c(14012024)
 3736792.1 |      0.01670c(12011124)      0.01664c(12121724)      0.01596c(12121724)
     0.01645c(14012024)      0.01855c(14012024)
 3736750.2 |      0.01545c(12011124)      0.01526c(12121724)      0.01417c(12121724)
     0.01565c(14012024)      0.01706c(14012024)
 3736708.3 |      0.01412c(12011124)      0.01389c(12121724)      0.01274c(13121124)
     0.01482c(14012024)      0.01571c(14012024)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\24-073_Coast St
Con\24-073_Coast St Con.isc     ***        06/03/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:32:06

                                  PAGE  57
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     PAREA1      , A0000001
, A0000002    , A0000003    , A0000004    ,
                A0000005    , A0000006    , A0000007    , A0000008    , A0000009
, A0000010    , A0000011    , A0000012    ,
                A0000013    , A0000014    , A0000015    , A0000016    , A0000017
, A0000018    , A0000019    ,

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

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
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Y-COORD (METERS)	X-COORD (METERS)				
	408309.28	408362.41	408415.54	408468.67	408521.80
3738343.1	0.00677 (12112624)	0.00660 (12112624)	0.00551 (12112624)	0.00396 (12112624)	0.00410c(16020824)
3738301.2	0.00721 (12112624)	0.00706 (12112624)	0.00587 (12112624)	0.00414 (12112624)	0.00467c(16020824)
3738259.3	0.00769 (12112624)	0.00758 (12112624)	0.00626 (12112624)	0.00434 (12112624)	0.00534c(16020824)
3738217.4	0.00823 (12112624)	0.00816 (12112624)	0.00670 (12112624)	0.00460c(13020624)	0.00615 (14120824)
3738175.5	0.00883 (12112624)	0.00881 (12112624)	0.00718 (12112624)	0.00492c(13020624)	0.00717 (14120824)
3738133.5	0.00948 (12112624)	0.00954 (12112624)	0.00771 (12112624)	0.00545c(16020824)	0.00837 (14120824)
3738091.6	0.01022 (12112624)	0.01039 (12112624)	0.00832 (12112624)	0.00640c(16020824)	0.00981 (14120824)
3738049.7	0.01106 (12112624)	0.01139 (12112624)	0.00904 (12112624)	0.00763 (14120824)	0.01150 (14120824)
3738007.8	0.01205 (12112624)	0.01258 (12112624)	0.00987 (12112624)	0.00924 (14120824)	0.01350 (14120824)
3737965.9	0.01319 (12112624)	0.01401 (12112624)	0.01084 (12112624)	0.01127 (14120824)	0.01585 (14120824)
3737923.9	0.01452 (12112624)	0.01575 (12112624)	0.01201 (12112624)	0.01380 (14120824)	0.01855 (14120824)
3737882.0	0.01608 (12112624)	0.01791 (12112624)	0.01341 (12112624)	0.01698 (14120824)	0.02151 (14120824)
3737840.1	0.01793 (12112624)	0.02063 (12112624)	0.01513 (12112624)	0.02107 (14120824)	0.02473 (14120824)
3737798.2	0.02013 (12112624)	0.02414 (12112624)	0.01726 (12112624)	0.02630 (14120824)	0.02800 (14120824)
3737756.3	0.02276 (12112624)	0.02882 (12112624)	0.02101 (14120824)	0.03290 (14120824)	0.03088 (14120824)
3737714.3	0.02984c(12120624)	0.03527 (12112624)	0.02884 (14120824)	0.04102 (14120824)	0.03257 (14120824)
3737672.4	0.04220c(12120624)	0.04465 (12112624)	0.04076 (14120824)	0.05033 (14120824)	0.03189 (14120824)
3737630.5	0.06001c(12120624)	0.05922 (12112624)	0.05956 (14120824)	0.05934 (14120824)	0.03019 (12021324)
3737588.6	0.08355c(12120624)	0.08405 (12112624)	0.09007 (14120824)	0.06412 (14120824)	0.03216c(14013124)
3737546.7	0.10659c(12120624)	0.13324 (12112624)	0.13967 (14120824)	0.06578 (12021324)	0.04932c(14013124)
3737504.7	0.16962 (15012924)	0.27836c(13020524)	0.23319 (12021324)	0.10588c(14013124)	0.05308c(14013124)
3737462.8	0.37029c(12121024)	0.65264c(13020524)	0.41888c(14013124)		

```
    0.11942 (14120424)      0.07167 (15012824)
 3737420.9 |      0.39711c(14120524)      0.50686c(14120524)      0.60507c(12112024)
    0.21449 (12021724)      0.11164 (12021724)
 3737379.0 |      0.23892 (13011724)      0.36656c(12121724)      0.39876c(12011724)
    0.20745b(12020824)      0.10089 (13020424)
 3737337.1 |      0.17390c(12011124)      0.20792c(14012124)      0.19877c(16121324)
    0.16854b(12020824)      0.11204b(12020824)
 3737295.1 |      0.13045c(12121724)      0.13694c(14012124)      0.13177c(16121324)
    0.10812c(12011724)      0.10176b(12020824)
 3737253.2 |      0.09434c(12121724)      0.09817c(14012124)      0.09022c(16121324)
    0.08104c(12011724)      0.07045b(12020824)
 3737211.3 |      0.06776c(14012024)      0.07531c(14012124)      0.06471c(16121324)
    0.06431c(16121324)      0.05766c(12011824)
 3737169.4 |      0.05772c(14012024)      0.06042c(14012124)      0.04853c(14012124)
    0.05442c(16121324)      0.04871c(12011824)
 3737127.5 |      0.04900c(14012024)      0.04976c(14012124)      0.04146c(14012124)
    0.04548c(16121324)      0.03942c(12011824)
 3737085.5 |      0.04186c(14012024)      0.04223c(14012124)      0.03597c(14012124)
    0.03793c(16121324)      0.03519c(14011024)
 3737043.6 |      0.03610c(14012024)      0.03637c(14012124)      0.03153c(14012124)
    0.03159c(16121324)      0.03140c(16121324)
 3737001.7 |      0.03142c(14012024)      0.03181c(14012124)      0.02800c(14012124)
    0.02652c(16121324)      0.02825c(16121324)
 3736959.8 |      0.02751c(14012024)      0.02809c(14012124)      0.02504c(14012124)
    0.02234c(16121324)      0.02516c(16121324)
 3736917.9 |      0.02431c(14012024)      0.02510c(14012124)      0.02263c(14012124)
    0.01959b(15011624)      0.02234c(16121324)
 3736875.9 |      0.02161c(14012024)      0.02262c(14012124)      0.02059c(14012124)
    0.01728b(15011624)      0.01977c(16121324)
 3736834.0 |      0.01936c(14012024)      0.02054c(14012124)      0.01879c(14012124)
    0.01527b(15011624)      0.01747c(16121324)
 3736792.1 |      0.01747c(14012124)      0.01876c(14012124)      0.01726c(14012124)
    0.01357b(15011624)      0.01546c(16121324)
 3736750.2 |      0.01618c(14012124)      0.01724c(14012124)      0.01593c(14012124)
    0.01263c(14012124)      0.01372b(15011624)
 3736708.3 |      0.01502c(14012124)      0.01591c(14012124)      0.01478c(14012124)
    0.01192c(14012124)      0.01260b(15011624)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\24-073_Coast St
Con\24-073_Coast St Con.isc     ***        06/03/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:32:06

                                  PAGE  58
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     PAREA1      , A0000001
, A0000002    , A0000003    , A0000004    ,
                A0000005    , A0000006    , A0000007    , A0000008    , A0000009
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, A0000010    , A0000011    , A0000012    ,
                A0000013    , A0000014    , A0000015    , A0000016    , A0000017
, A0000018    , A0000019    ,

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

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       408574.93              408628.06              408681.19
      408734.32              408787.45
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3738343.1 |      0.00573 (14120824)      0.00726 (14120824)      0.00815 (14120824)
     0.00815 (14120824)      0.00734 (14120824)
 3738301.2 |      0.00651 (14120824)      0.00807 (14120824)      0.00879 (14120824)
     0.00850 (14120824)      0.00736 (14120824)
 3738259.3 |      0.00740 (14120824)      0.00895 (14120824)      0.00943 (14120824)
     0.00877 (14120824)      0.00728 (14120824)
 3738217.4 |      0.00842 (14120824)      0.00988 (14120824)      0.01003 (14120824)
     0.00894 (14120824)      0.00708 (14120824)
 3738175.5 |      0.00957 (14120824)      0.01084 (14120824)      0.01056 (14120824)
     0.00896 (14120824)      0.00675 (14120824)
 3738133.5 |      0.01086 (14120824)      0.01182 (14120824)      0.01098 (14120824)
     0.00883 (14120824)      0.00627 (14120824)
 3738091.6 |      0.01230 (14120824)      0.01279 (14120824)      0.01124 (14120824)
     0.00851 (14120824)      0.00566 (14120824)
 3738049.7 |      0.01385 (14120824)      0.01366 (14120824)      0.01128 (14120824)
     0.00799 (14120824)      0.00521 (12021324)
 3738007.8 |      0.01550 (14120824)      0.01436 (14120824)      0.01105 (14120824)
     0.00724 (14120824)      0.00489 (12021324)
 3737965.9 |      0.01715 (14120824)      0.01479 (14120824)      0.01049 (14120824)
     0.00658 (12021324)      0.00444 (12021324)
 3737923.9 |      0.01873 (14120824)      0.01483 (14120824)      0.00957 (14120824)
     0.00614 (12021324)      0.00528 (12111324)
 3737882.0 |      0.02001 (14120824)      0.01434 (14120824)      0.00863 (12021324)
     0.00552 (12021324)      0.00643 (12111324)
 3737840.1 |      0.02073 (14120824)      0.01319 (14120824)      0.00802 (12021324)
     0.00686 (12111324)      0.00715 (12111324)
 3737798.2 |      0.02064 (14120824)      0.01193 (12021324)      0.00729 (12111324)
     0.00797 (12111324)      0.00776c(14013124)
 3737756.3 |      0.01940 (14120824)      0.01097 (12021324)      0.00900 (12111324)
     0.00945c(14013124)      0.00923c(14013124)
 3737714.3 |      0.01780 (12021324)      0.01051c(14013124)      0.01185c(14013124)
     0.01149c(14013124)      0.01008c(14013124)
 3737672.4 |      0.01602 (12021324)      0.01546c(14013124)      0.01481c(14013124)
     0.01257c(14013124)      0.00992c(14013124)
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 3737630.5 |      0.02136c(14013124)      0.02012c(14013124)      0.01625c(14013124)
     0.01212c(14013124)      0.01060m(15010524)
 3737588.6 |      0.02955c(14013124)      0.02211c(14013124)      0.01554m(15010524)
     0.01431m(15010524)      0.01251m(15010524)
 3737546.7 |      0.03236c(14013124)      0.02352m(15010524)      0.01942m(15010524)
     0.01553m(15010524)      0.01231m(15010524)
 3737504.7 |      0.03710m(15010524)      0.02606m(15010524)      0.01875 (15012824)
     0.01681 (15012824)      0.01505 (15012824)
 3737462.8 |      0.05122 (15012824)      0.03888 (15012824)      0.03080 (15012824)
     0.02522 (15012824)      0.02116 (15012824)
 3737420.9 |      0.06868 (12021724)      0.04690 (12021724)      0.03414 (12021724)
     0.02717 (15012824)      0.02264 (15012824)
 3737379.0 |      0.06907 (12021724)      0.05286 (12021724)      0.04104 (12021724)
     0.03249 (12021724)      0.02622 (12021724)
 3737337.1 |      0.05814 (13020424)      0.04845 (13020424)      0.03802 (13020424)
     0.03115 (12021724)      0.02684 (12021724)
 3737295.1 |      0.07301b(12020824)      0.04310b(12020824)      0.03441 (13020424)
     0.03026 (13020424)      0.02562 (13020424)
 3737253.2 |      0.06982b(12020824)      0.05270b(12020824)      0.03427b(12020824)
     0.02585 (16012124)      0.02373 (13020424)
 3737211.3 |      0.05469b(12020824)      0.05179b(12020824)      0.04043b(12020824)
     0.02805b(12020824)      0.02038 (16012124)
 3737169.4 |      0.04040c(12011824)      0.04359b(12020824)      0.04038b(12020824)
     0.03230b(12020824)      0.02345b(12020824)
 3737127.5 |      0.03833c(12011824)      0.03290b(12020824)      0.03566b(12020824)
     0.03269b(12020824)      0.02666b(12020824)
 3737085.5 |      0.03423c(12011824)      0.02931c(12011824)      0.02863b(12020824)
     0.02980b(12020824)      0.02717b(12020824)
 3737043.6 |      0.02940c(12011824)      0.02812c(12011824)      0.02264c(12011724)
     0.02505b(12020824)      0.02537b(12020824)
 3737001.7 |      0.02544c(14011024)      0.02590c(12011824)      0.02264c(12011824)
     0.01977b(12020824)      0.02207b(12020824)
 3736959.8 |      0.02342c(14011024)      0.02312c(12011824)      0.02195c(12011824)
     0.01809c(12011824)      0.01812b(12020824)
 3736917.9 |      0.02127c(14011024)      0.02016c(12011824)      0.02060c(12011824)
     0.01827c(12011824)      0.01556c(12011724)
 3736875.9 |      0.01966c(16121324)      0.01823c(14011024)      0.01885c(12011824)
     0.01787c(12011824)      0.01511c(12011824)
 3736834.0 |      0.01820c(16121324)      0.01708c(14011024)      0.01692c(12011824)
     0.01701c(12011824)      0.01525c(12011824)
 3736792.1 |      0.01671c(16121324)      0.01583c(14011024)      0.01496c(12011824)
     0.01583c(12011824)      0.01499c(12011824)
 3736750.2 |      0.01529c(16121324)      0.01472c(16121324)      0.01394c(14011024)
     0.01450c(12011824)      0.01440c(12011824)
 3736708.3 |      0.01393c(16121324)      0.01391c(16121324)      0.01321c(14011024)
     0.01307c(12011824)      0.01356c(12011824)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\24-073_Coast St
Con\24-073_Coast St Con.isc     ***        06/03/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:32:06
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 ,

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

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

Y-COORD (METERS)	X-COORD (METERS)				
	408840.58	408893.71	408946.84	408999.97	409053.10
3738343.1	0.00600 (14120824)	0.00450 (14120824)	0.00328 (15111724)	0.00287 (15111724)	0.00214 (15111724)
3738301.2	0.00577 (14120824)	0.00414 (14120824)	0.00324 (15111724)	0.00258 (15111724)	0.00221 (12111324)
3738259.3	0.00546 (14120824)	0.00373 (14120824)	0.00305 (15111724)	0.00218 (15111724)	0.00280 (12111324)
3738217.4	0.00505 (14120824)	0.00356 (12021324)	0.00269 (15111724)	0.00268 (12111324)	0.00343 (12111324)
3738175.5	0.00455 (14120824)	0.00335 (12021324)	0.00254 (12111324)	0.00339 (12111324)	0.00403 (12111324)
3738133.5	0.00425 (12021324)	0.00310 (12021324)	0.00332 (12111324)	0.00408 (12111324)	0.00450 (12111324)
3738091.6	0.00400 (12021324)	0.00322 (12111324)	0.00411 (12111324)	0.00467 (12111324)	0.00473 (12111324)
3738049.7	0.00367 (12021324)	0.00413 (12111324)	0.00486 (12111324)	0.00502 (12111324)	0.00466 (12111324)
3738007.8	0.00408 (12111324)	0.00501 (12111324)	0.00533 (12111324)	0.00502 (12111324)	0.00426 (12111324)
3737965.9	0.00514 (12111324)	0.00568 (12111324)	0.00543 (12111324)	0.00463 (12111324)	0.00427c(14013124)
3737923.9	0.00605 (12111324)	0.00592 (12111324)	0.00507 (12111324)	0.00484c(14013124)	0.00459c(14013124)
3737882.0	0.00647 (12111324)	0.00560 (12111324)	0.00554c(14013124)	0.00521c(14013124)	0.00470c(14013124)
3737840.1	0.00652c(14013124)	0.00645c(14013124)	0.00599c(14013124)		

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    0.00531c(14013124)      0.00461 (16120224)
3737798.2 |      0.00763c(14013124)      0.00699c(14013124)      0.00608c(14013124)
    0.00517 (16120224)      0.00443 (16120224)
3737756.3 |      0.00830c(14013124)      0.00704c(14013124)      0.00583 (16120224)
    0.00498m(15010524)      0.00505m(15010524)
3737714.3 |      0.00829c(14013124)      0.00660 (16120224)      0.00623m(15010524)
    0.00614m(15010524)      0.00586m(15010524)
3737672.4 |      0.00797m(15010524)      0.00786m(15010524)      0.00743m(15010524)
    0.00685m(15010524)      0.00619m(15010524)
3737630.5 |      0.00992m(15010524)      0.00895m(15010524)      0.00790m(15010524)
    0.00689m(15010524)      0.00596m(15010524)
3737588.6 |      0.01065m(15010524)      0.00894m(15010524)      0.00748m(15010524)
    0.00626m(15010524)      0.00525m(15010524)
3737546.7 |      0.00978m(15010524)      0.00784m(15010524)      0.00741 (15012824)
    0.00707 (15012824)      0.00673 (15012824)
3737504.7 |      0.01350 (15012824)      0.01217 (15012824)      0.01106 (15012824)
    0.01010 (15012824)      0.00929 (15012824)
3737462.8 |      0.01811 (15012824)      0.01576 (15012824)      0.01389 (15012824)
    0.01240 (15012824)      0.01120 (15012824)
3737420.9 |      0.01926 (15012824)      0.01668 (15012824)      0.01466 (15012824)
    0.01304 (15012824)      0.01174 (15012824)
3737379.0 |      0.02154 (12021724)      0.01796 (12021724)      0.01517 (12021724)
    0.01297 (12021724)      0.01119 (12021724)
3737337.1 |      0.02312 (12021724)      0.01994 (12021724)      0.01729 (12021724)
    0.01506 (12021724)      0.01320 (12021724)
3737295.1 |      0.02132 (13020424)      0.01895 (12021724)      0.01715 (12021724)
    0.01545 (12021724)      0.01391 (12021724)
3737253.2 |      0.02159 (13020424)      0.01900 (13020424)      0.01645 (13020424)
    0.01413 (12021724)      0.01319 (12021724)
3737211.3 |      0.01889 (16012124)      0.01779 (13020424)      0.01645 (13020424)
    0.01486 (13020424)      0.01323 (13020424)
3737169.4 |      0.01703m(13010324)      0.01574 (16012124)      0.01869 (16012124)
    0.01748 (13020424)      0.01310 (13020424)
3737127.5 |      0.02005b(12020824)      0.01515m(13010324)      0.01321 (16012124)
    0.01256 (16012124)      0.01548 (16012124)
3737085.5 |      0.02252b(12020824)      0.01741b(12020824)      0.01359m(13010324)
    0.01116 (16012124)      0.01091 (16012124)
3737043.6 |      0.02308b(12020824)      0.01937b(12020824)      0.01531m(13010324)
    0.01224m(13010324)      0.00966c(13122324)
3737001.7 |      0.02193b(12020824)      0.01994b(12020824)      0.01691b(12020824)
    0.01361m(13010324)      0.01110m(13010324)
3736959.8 |      0.01959b(12020824)      0.01921b(12020824)      0.01746b(12020824)
    0.01495b(12020824)      0.01222m(13010324)
3736917.9 |      0.01660b(12020824)      0.01751b(12020824)      0.01700b(12020824)
    0.01547b(12020824)      0.01335b(12020824)
3736875.9 |      0.01368c(12011724)      0.01522b(12020824)      0.01576b(12020824)
    0.01520b(12020824)      0.01384b(12020824)
3736834.0 |      0.01307c(12011724)      0.01273b(12020824)      0.01399b(12020824)
    0.01427b(12020824)      0.01369b(12020824)
3736792.1 |      0.01291c(12011824)      0.01177c(12011724)      0.01197b(12020824)
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 ,
A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 ,
A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 ,

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

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

Y-COORD (METERS)	X-COORD (METERS)				
	409106.23	409159.36	409212.49	409265.62	409318.75
3738343.1	0.00232 (12111324)	0.00294 (12111324)	0.00342 (12111324)	0.00368 (12111324)	0.00368 (12111324)
3738301.2	0.00288 (12111324)	0.00344 (12111324)	0.00378 (12111324)	0.00383 (12111324)	0.00362 (12111324)
3738259.3	0.00345 (12111324)	0.00387 (12111324)	0.00399 (12111324)	0.00381 (12111324)	0.00341 (12111324)
3738217.4	0.00396 (12111324)	0.00416 (12111324)	0.00401 (12111324)	0.00361 (12111324)	0.00304 (12111324)
3738175.5	0.00433 (12111324)	0.00423 (12111324)	0.00383 (12111324)	0.00323 (12111324)	0.00260c(14013124)
3738133.5	0.00447 (12111324)	0.00407 (12111324)	0.00344 (12111324)	0.00283c(14013124)	0.00276c(14013124)
3738091.6	0.00435 (12111324)	0.00368 (12111324)	0.00311c(14013124)	0.00302c(14013124)	0.00285c(14013124)
3738049.7	0.00395 (12111324)	0.00343c(14013124)	0.00331c(14013124)	0.00311c(14013124)	0.00285c(14013124)

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3738007.8 |      0.00381c(14013124)      0.00366c(14013124)      0.00342c(14013124)
    0.00310c(14013124)      0.00290 (16120224)
3737965.9 |      0.00408c(14013124)      0.00377c(14013124)      0.00339c(14013124)
    0.00314 (16120224)      0.00284 (16120224)
3737923.9 |      0.00419c(14013124)      0.00373 (16120224)      0.00341 (16120224)
    0.00304 (16120224)      0.00264 (16120224)
3737882.0 |      0.00414 (16120224)      0.00372 (16120224)      0.00324 (16120224)
    0.00301m(15010524)      0.00309m(15010524)
3737840.1 |      0.00406 (16120224)      0.00346 (16120224)      0.00356m(15010524)
    0.00358m(15010524)      0.00354m(15010524)
3737798.2 |      0.00417m(15010524)      0.00421m(15010524)      0.00415m(15010524)
    0.00401m(15010524)      0.00382m(15010524)
3737756.3 |      0.00498m(15010524)      0.00479m(15010524)      0.00452m(15010524)
    0.00421m(15010524)      0.00389m(15010524)
3737714.3 |      0.00547m(15010524)      0.00504m(15010524)      0.00459m(15010524)
    0.00414m(15010524)      0.00372m(15010524)
3737672.4 |      0.00554m(15010524)      0.00491m(15010524)      0.00434m(15010524)
    0.00381m(15010524)      0.00336m(15010524)
3737630.5 |      0.00514m(15010524)      0.00444m(15010524)      0.00383m(15010524)
    0.00332m(15010524)      0.00289m(15010524)
3737588.6 |      0.00443m(15010524)      0.00428 (14120424)      0.00416 (14120424)
    0.00405 (14120424)      0.00392 (14120424)
3737546.7 |      0.00640 (15012824)      0.00604 (15012824)      0.00574 (15012824)
    0.00543 (15012824)      0.00515 (15012824)
3737504.7 |      0.00855 (15012824)      0.00791 (15012824)      0.00733 (15012824)
    0.00682 (15012824)      0.00636 (15012824)
3737462.8 |      0.01015 (15012824)      0.00925 (15012824)      0.00847 (15012824)
    0.00781 (15012824)      0.00723 (15012824)
3737420.9 |      0.01062 (15012824)      0.00967 (15012824)      0.00884 (15012824)
    0.00814 (15012824)      0.00752 (15012824)
3737379.0 |      0.00984 (15012824)      0.00903 (15012824)      0.00835 (15012824)
    0.00773 (15012824)      0.00718 (15012824)
3737337.1 |      0.01164 (12021724)      0.01030 (12021724)      0.00916 (12021724)
    0.00819 (12021724)      0.00736 (12021724)
3737295.1 |      0.01252 (12021724)      0.01129 (12021724)      0.01020 (12021724)
    0.00923 (12021724)      0.00838 (12021724)
3737253.2 |      0.01225 (12021724)      0.01133 (12021724)      0.01045 (12021724)
    0.00963 (12021724)      0.00886 (12021724)
3737211.3 |      0.01166 (13020424)      0.01047 (12021724)      0.00992 (12021724)
    0.00936 (12021724)      0.00878 (12021724)
3737169.4 |      0.01209 (13020424)      0.01098 (13020424)      0.00987 (13020424)
    0.00881 (13020424)      0.00818 (12021724)
3737127.5 |      0.01501 (13020424)      0.01354 (13020424)      0.01010 (13020424)
    0.00932 (13020424)      0.00851 (13020424)
3737085.5 |      0.01033 (16012124)      0.00993 (13020424)      0.01279 (13020424)
    0.01247 (13020424)      0.00864 (13020424)
3737043.6 |      0.00948 (16012124)      0.00918 (16012124)      0.00866 (16012124)
    0.01099 (16012124)      0.01111 (13020424)
3737001.7 |      0.00888c(13122324)      0.00826 (16012124)      0.00815 (16012124)
    0.00785 (16012124)      0.01014 (16012124)
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 3736959.8 |      0.01013m(13010324)      0.00818c(13122324)      0.00722 (16012124)
     0.00724 (16012124)      0.00709 (16012124)
 3736917.9 |      0.01105m(13010324)      0.00929m(13010324)      0.00762m(13010324)
     0.00649c(13122324)      0.00645 (16012124)
 3736875.9 |      0.01202b(12020824)      0.01006m(13010324)      0.00856m(13010324)
     0.00712m(13010324)      0.00611c(13122324)
 3736834.0 |      0.01248b(12020824)      0.01090b(12020824)      0.00922m(13010324)
     0.00792m(13010324)      0.00666m(13010324)
 3736792.1 |      0.01241b(12020824)      0.01133b(12020824)      0.00995b(12020824)
     0.00849m(13010324)      0.00736m(13010324)
 3736750.2 |      0.01189b(12020824)      0.01132b(12020824)      0.01035b(12020824)
     0.00913b(12020824)      0.00785m(13010324)
 3736708.3 |      0.01103b(12020824)      0.01093b(12020824)      0.01039b(12020824)
     0.00951b(12020824)      0.00842b(12020824)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\24-073_Coast St
Con\24-073_Coast St Con.isc     ***        06/03/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:32:06

                                  PAGE  61
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     PAREA1      , A0000001
, A0000002    , A0000003    , A0000004    ,
                  A0000005    , A0000006    , A0000007    , A0000008    , A0000009
, A0000010    , A0000011    , A0000012    ,
                  A0000013    , A0000014    , A0000015    , A0000016    , A0000017
, A0000018    , A0000019    ,

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

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

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       409371.88              409425.01              409478.14
      409531.27              409584.40
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3738343.1 |      0.00345 (12111324)      0.00306 (12111324)      0.00258 (12111324)
     0.00240c(14013124)      0.00244c(14013124)
 3738301.2 |      0.00322 (12111324)      0.00272 (12111324)      0.00258c(14013124)
     0.00257c(14013124)      0.00251c(14013124)
 3738259.3 |      0.00287 (12111324)      0.00232 (12111324)      0.00219c(14013124)
     0.00211c(14013124)      0.00246c(14013124)
 3738217.4 |      0.00243 (12111324)      0.00235c(14013124)      0.00226c(14013124)
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    0.00213c(14013124)      0.00203 (16120224)
3738175.5 |      0.00254c(14013124)      0.00243c(14013124)      0.00228c(14013124)
    0.00217 (16120224)      0.00207 (16120224)
3738133.5 |      0.00263c(14013124)      0.00245c(14013124)      0.00232 (16120224)
    0.00220 (16120224)      0.00205 (16120224)
3738091.6 |      0.00264c(14013124)      0.00249 (16120224)      0.00234 (16120224)
    0.00216 (16120224)      0.00196 (16120224)
3738049.7 |      0.00268 (16120224)      0.00249 (16120224)      0.00227 (16120224)
    0.00203 (16120224)      0.00181m(15010524)
3738007.8 |      0.00266 (16120224)      0.00239 (16120224)      0.00211 (16120224)
    0.00207m(15010524)      0.00213m(15010524)
3737965.9 |      0.00251 (16120224)      0.00229m(15010524)      0.00237m(15010524)
    0.00241m(15010524)      0.00242m(15010524)
3737923.9 |      0.00266m(15010524)      0.00271m(15010524)      0.00272m(15010524)
    0.00270m(15010524)      0.00264m(15010524)
3737882.0 |      0.00310m(15010524)      0.00307m(15010524)      0.00299m(15010524)
    0.00288m(15010524)      0.00275m(15010524)
3737840.1 |      0.00343m(15010524)      0.00329m(15010524)      0.00312m(15010524)
    0.00294m(15010524)      0.00275m(15010524)
3737798.2 |      0.00359m(15010524)      0.00335m(15010524)      0.00311m(15010524)
    0.00286m(15010524)      0.00263m(15010524)
3737756.3 |      0.00356m(15010524)      0.00324m(15010524)      0.00294m(15010524)
    0.00266m(15010524)      0.00240m(15010524)
3737714.3 |      0.00333m(15010524)      0.00297m(15010524)      0.00265m(15010524)
    0.00237m(15010524)      0.00212m(15010524)
3737672.4 |      0.00296m(15010524)      0.00261m(15010524)      0.00231m(15010524)
    0.00204m(15010524)      0.00199 (14120424)
3737630.5 |      0.00283 (14120424)      0.00279 (14120424)      0.00274 (14120424)
    0.00270 (14120424)      0.00263 (14120424)
3737588.6 |      0.00379 (14120424)      0.00365 (14120424)      0.00351 (14120424)
    0.00338 (14120424)      0.00326 (14120424)
3737546.7 |      0.00489 (15012824)      0.00464 (15012824)      0.00443 (15012824)
    0.00423 (15012824)      0.00403 (15012824)
3737504.7 |      0.00597 (15012824)      0.00560 (15012824)      0.00527 (15012824)
    0.00497 (15012824)      0.00470 (15012824)
3737462.8 |      0.00672 (15012824)      0.00627 (15012824)      0.00587 (15012824)
    0.00552 (15012824)      0.00520 (15012824)
3737420.9 |      0.00698 (15012824)      0.00651 (15012824)      0.00608 (15012824)
    0.00571 (15012824)      0.00537 (15012824)
3737379.0 |      0.00671 (15012824)      0.00629 (15012824)      0.00590 (15012824)
    0.00555 (15012824)      0.00523 (15012824)
3737337.1 |      0.00664 (12021724)      0.00610 (15011924)      0.00564 (15011924)
    0.00524 (15011924)      0.00487 (15011924)
3737295.1 |      0.00761 (12021724)      0.00695 (12021724)      0.00633 (12021724)
    0.00582 (12021724)      0.00533 (12021724)
3737253.2 |      0.00817 (12021724)      0.00754 (12021724)      0.00696 (12021724)
    0.00642 (12021724)      0.00595 (12021724)
3737211.3 |      0.00824 (12021724)      0.00771 (12021724)      0.00721 (12021724)
    0.00674 (12021724)      0.00630 (12021724)
3737169.4 |      0.00783 (12021724)      0.00747 (12021724)      0.00709 (12021724)
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    0.00672 (12021724)      0.00636 (12021724)
 3737127.5 |      0.00772 (13020424)      0.00696 (13020424)      0.00664 (12021724)
    0.00640 (12021724)      0.00615 (12021724)
 3737085.5 |      0.00805 (13020424)      0.00744 (13020424)      0.00683 (13020424)
    0.00624 (13020424)      0.00570 (12021724)
 3737043.6 |      0.00793 (13020424)      0.00751 (13020424)      0.00706 (13020424)
    0.00659 (13020424)      0.00611 (13020424)
 3737001.7 |      0.00959 (13020424)      0.00720 (13020424)      0.00694 (13020424)
    0.00662 (13020424)      0.00627 (13020424)
 3736959.8 |      0.00929 (16012124)      0.00906 (16012124)      0.00651 (13020424)
    0.00636 (13020424)      0.00616 (13020424)
 3736917.9 |      0.00640 (16012124)      0.00857 (16012124)      0.00812 (16012124)
    0.00585 (13020424)      0.00580 (13020424)
 3736875.9 |      0.00575 (16012124)      0.00578 (16012124)      0.00775 (16012124)
    0.00735 (16012124)      0.00528 (16012124)
 3736834.0 |      0.00575c(13122324)      0.00513 (16012124)      0.00522 (16012124)
    0.00694 (16012124)      0.00510 (16012124)
 3736792.1 |      0.00626m(13010324)      0.00543c(13122324)      0.00474c(13122324)
    0.00472 (16012124)      0.00617 (16012124)
 3736750.2 |      0.00686m(13010324)      0.00589m(13010324)      0.00513c(13122324)
    0.00453c(13122324)      0.00519 (12112824)
 3736708.3 |      0.00729m(13010324)      0.00642m(13010324)      0.00555m(13010324)
    0.00486c(13122324)      0.00433c(13122324)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\24-073_Coast St
Con\24-073_Coast St Con.isc     ***        06/03/25
 *** AERMET - VERSION  16216 ***   ***
                      ***        20:32:06

                                   PAGE  62
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     PAREA1      , A0000001
, A0000002    , A0000003    , A0000004    ,
                A0000005    , A0000006    , A0000007    , A0000008    , A0000009
, A0000010    , A0000011    , A0000012    ,
                A0000013    , A0000014    , A0000015    , A0000016    , A0000017
, A0000018    , A0000019    ,

                                        *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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        408366.38   3737485.43        0.51246c (13020524)               408430.14
3737461.14        0.28900c (14013124)
        408181.97   3737466.67        0.09293c (12121024)               408150.06
3737412.73        0.07848c (14120524)
        408109.61   3737456.33        0.06031c (14120524)               408217.52
3737471.69        0.13412c (12121024)
        408016.80   3737435.48        0.04268c (14120524)               408279.89
3737472.78        0.24974c (12121024)
        408798.65   3737545.01        0.01167m (15010524)               408676.12
3737499.78        0.02055  (15012824)
        407927.20   3737488.08        0.02632c (12010324)               407852.89
3737488.76        0.02158c (12010324)
        408566.64   3737551.51        0.03483c (14013124)               408261.37
3737558.76        0.07933  (15012924)
        408120.70   3737439.75        0.06929c (14120524)               408512.12
3737495.11        0.06021m (15010524)
        408510.14   3737484.42        0.06651m (15010524)               408511.38
3737471.75        0.06746m (15010524)
        408511.63   3737457.34        0.08448  (15012824)               408356.31
3737407.88        0.55761c (12121724)
        408511.63   3737446.65        0.09498  (15012824)               408511.13
3737433.23        0.11440  (12021724)
        408327.23   3737479.20        0.31092c (12122824)               408329.72
3737416.58        0.52262c (12120524)
        408387.62   3737478.21        0.58062c (13020524)               408407.50
3737476.47        0.37847  (12021324)
        408293.50   3737546.37        0.09182  (15012924)               408183.24
3737542.99        0.07435c (12121024)
        408402.13   3737553.87        0.12401  (14120824)               408440.68
3737412.33        0.30355c (12112024)
        408407.34   3737393.62        0.57740c (12011724)               408359.39
3737391.57        0.48016c (12121724)
        408512.32   3737400.05        0.11980  (12021724)               408481.62
3737390.11        0.14807  (13020424)
        408443.74   3737538.89        0.10921  (12021324)               408503.64
3737538.89        0.05844c (14013124)
        408367.16   3737603.86        0.07339  (12112624)               408324.78
3737606.24        0.06912c (12120624)
        408547.34   3737413.04        0.09021  (12021724)               408327.55
3737398.88        0.38724  (13011724)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\24-073_Coast St
Con\24-073_Coast St Con.isc     ***        06/03/25
 *** AERMET - VERSION  16216 ***   ***
                      ***        20:32:06

                                  PAGE  63
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   6TH HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
```

INCLUDING SOURCE(S): PAREA1 , A0000001
, A0000002 , A0000003 , A0000004 ,
A0000005 , A0000006 , A0000007 , A0000008 , A0000009
, A0000010 , A0000011 , A0000012 ,
A0000013 , A0000014 , A0000015 , A0000016 , A0000017
, A0000018 , A0000019 ,

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

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

Y-COORD (METERS)	X-COORD (METERS)				
	407512.33	407565.46	407618.59	407671.72	407724.85
3738343.1	0.00109 (15021724)	0.00118 (13013024)	0.00110c(13020124)	0.00111 (14112824)	0.00107 (12121224)
3738301.2	0.00121c(13093024)	0.00122c(13093024)	0.00121c(13093024)	0.00110 (12110624)	0.00132 (12121224)
3738259.3	0.00136 (16011824)	0.00125c(13093024)	0.00135 (15021724)	0.00126c(13093024)	0.00122 (14112824)
3738217.4	0.00164 (15011324)	0.00145 (16011824)	0.00134 (15021724)	0.00151 (15021724)	0.00131c(13093024)
3738175.5	0.00210 (12121224)	0.00178 (15011324)	0.00154 (16011824)	0.00152 (14021824)	0.00158c(13020124)
3738133.5	0.00219c(12122824)	0.00230 (12121224)	0.00194 (15011324)	0.00165 (16011824)	0.00173 (15021724)
3738091.6	0.00268c(13020124)	0.00248c(12122824)	0.00253 (12121224)	0.00212 (15011324)	0.00177 (16011824)
3738049.7	0.00274c(13020124)	0.00281c(13020124)	0.00281c(13020124)	0.00273c(13020124)	0.00232 (15011324)
3738007.8	0.00273c(13020124)	0.00287c(13020124)	0.00296c(13020124)	0.00296c(13020124)	0.00288c(13020124)
3737965.9	0.00265c(13020124)	0.00287 (15012924)	0.00302 (16011824)	0.00317 (16011824)	0.00318 (16011824)
3737923.9	0.00249c(13020124)	0.00275c(13020124)	0.00311 (15012924)	0.00362c(12121024)	0.00356 (16011824)
3737882.0	0.00292c(16011224)	0.00265b(16011424)	0.00294c(16010624)	0.00338 (15012924)	0.00458c(12121024)
3737840.1	0.00335c(13010924)	0.00355 (13013024)	0.00331c(16011224)	0.00325c(16010624)	0.00375 (16011824)
3737798.2	0.00338c(15121524)	0.00435c(15020424)	0.00401c(13010924)	0.00431c(16011224)	0.00378c(16011224)
3737756.3	0.00450 (16021124)	0.00419 (16021124)	0.00430c(15020424)	0.00549c(13010924)	0.00494 (13013024)
3737714.3	0.00519c(12121424)	0.00508 (15011324)	0.00577 (16021124)		

```
    0.00540 (16021124)      0.00573c(15020424)
 3737672.4 |      0.00661c(12121424)      0.00673c(12121424)      0.00679c(12121424)
    0.00672c(12121424)      0.00768 (16021124)
 3737630.5 |      0.00683c(16011224)      0.00767c(16011224)      0.00828c(12122824)
    0.00888c(12121424)      0.00912c(12121424)
 3737588.6 |      0.00749c(13012224)      0.00783c(13012224)      0.00818c(13012224)
    0.00901c(16011224)      0.01039c(16011224)
 3737546.7 |      0.00816c(12121024)      0.00935c(12120724)      0.00998c(12120724)
    0.01087c(12121424)      0.01193c(13012224)
 3737504.7 |      0.00931c(13010924)      0.01037c(13010924)      0.01140c(12120724)
    0.01247c(12120724)      0.01372c(12120724)
 3737462.8 |      0.00800c(13121224)      0.00873c(13121224)      0.00960c(13121224)
    0.01065c(13121224)      0.01203c(13010924)
 3737420.9 |      0.00885c(12120724)      0.00963c(12120724)      0.01057c(12120724)
    0.01168c(12120724)      0.01299c(12120724)
 3737379.0 |      0.00780 (16121424)      0.00865c(12010324)      0.00953 (12010224)
    0.01077 (12010224)      0.01222c(13012224)
 3737337.1 |      0.00861 (15010824)      0.00955 (15010824)      0.01066 (12010224)
    0.01179 (12011224)      0.01329c(15010224)
 3737295.1 |      0.00897 (12122724)      0.00985 (12122724)      0.01083 (12122724)
    0.01221 (15010824)      0.01309 (13013124)
 3737253.2 |      0.00891 (12122724)      0.01250 (12122724)      0.01378 (15010824)
    0.01411 (15010824)      0.01414 (15010824)
 3737211.3 |      0.00835 (13010824)      0.00874 (15010824)      0.00906 (15010824)
    0.01000 (13010824)      0.01034 (13010824)
 3737169.4 |      0.00734 (16121424)      0.00794 (13010824)      0.00809 (13010824)
    0.00939 (12012624)      0.01158 (13011624)
 3737127.5 |      0.00671 (12010924)      0.00755 (12012624)      0.00920 (12012624)
    0.00932 (13011624)      0.00971 (16120124)
 3737085.5 |      0.00745 (12020224)      0.00770 (13011624)      0.00756 (16120124)
    0.00886 (13012824)      0.00874c(12010424)
 3737043.6 |      0.00635 (13011624)      0.00715 (16120124)      0.00752c(12010424)
    0.00784 (15120324)      0.00898 (15121124)
 3737001.7 |      0.00647 (13012824)      0.00646 (15120324)      0.00703 (15120324)
    0.00819 (15121124)      0.00946 (16120124)
 3736959.8 |      0.00593 (15120324)      0.00646 (13011724)      0.00749 (15121124)
    0.00833 (16120124)      0.00775 (12020124)
 3736917.9 |      0.00602 (14011424)      0.00689 (15121124)      0.00734c(13010424)
    0.00695 (12020124)      0.00792 (15122924)
 3736875.9 |      0.00636 (15121124)      0.00643c(13010424)      0.00626 (12020124)
    0.00701 (15122924)      0.00708 (16112324)
 3736834.0 |      0.00566c(13010424)      0.00570 (12020124)      0.00625 (15122924)
    0.00628 (16112324)      0.00591 (16021024)
 3736792.1 |      0.00517 (16120124)      0.00563 (15122924)      0.00561 (16112324)
    0.00528 (16021024)      0.00530 (13112224)
 3736750.2 |      0.00509 (15122924)      0.00506 (16112324)      0.00477c(15111924)
    0.00508 (13112224)      0.00482 (13112224)
 3736708.3 |      0.00458 (16112324)      0.00451c(15111924)      0.00477 (16021024)
    0.00471 (13112224)      0.00483 (16021024)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\24-073_Coast St
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   6TH HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   PAREA1   , A0000001
, A0000002   , A0000003   , A0000004   ,
                A0000005   , A0000006   , A0000007   , A0000008   , A0000009
, A0000010   , A0000011   , A0000012   ,
                A0000013   , A0000014   , A0000015   , A0000016   , A0000017
, A0000018   , A0000019   ,

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

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

  Y-COORD | X-COORD (METERS)
  (METERS) | 407777.98   407831.11   407884.24
      407937.37   407990.50
 -
- -

 3738343.1 | 0.00129 (15021724)   0.00137 (15012024)   0.00133 (13021924)
     0.00127c(12100324)   0.00159c(12100324)
 3738301.2 | 0.00127 (12020724)   0.00134 (15012024)   0.00143 (15012024)
     0.00129 (15012024)   0.00153 (15121824)
 3738259.3 | 0.00131 (12121224)   0.00151 (15021724)   0.00147 (15012024)
     0.00143 (15012024)   0.00148c(12100324)
 3738217.4 | 0.00164 (12121224)   0.00154 (12020724)   0.00158 (15021724)
     0.00167 (13021924)   0.00138c(12100324)
 3738175.5 | 0.00136c(13093024)   0.00165 (12121224)   0.00181 (15021724)
     0.00169 (13021924)   0.00152 (15012024)
 3738133.5 | 0.00161c(13020124)   0.00190 (14112824)   0.00188 (12020724)
     0.00192 (15021724)   0.00211 (13021924)
 3738091.6 | 0.00193c(13020124)   0.00160c(13020124)   0.00210 (12121224)
     0.00222 (15021724)   0.00216 (13021924)
 3738049.7 | 0.00199 (15021724)   0.00197c(13020124)   0.00216 (14112824)
     0.00235 (12020724)   0.00239 (15021724)
 3738007.8 | 0.00255 (15011324)   0.00234 (14021824)   0.00200c(13020124)
     0.00276 (12121224)   0.00281 (15021724)
 3737965.9 | 0.00303 (16011824)   0.00279c(13020124)   0.00275 (15021724)
     0.00256 (13013024)   0.00301 (12020724)
 3737923.9 | 0.00358 (16011824)   0.00342c(12122824)   0.00299 (16011824)
     0.00317c(15020424)   0.00366 (15021724)

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3737882.0 |      0.00403 (16011824)      0.00408 (16011824)      0.00404c(12122824)
    0.00338 (15021724)      0.00330c(15020424)
3737840.1 |      0.00560 (15012924)      0.00461 (16011824)      0.00471 (16011824)
    0.00481c(12122824)      0.00421 (15021724)
3737798.2 |      0.00420 (16011824)      0.00631 (15012924)      0.00590c(12121024)
    0.00552 (16011824)      0.00583c(12122824)
3737756.3 |      0.00509c(16011224)      0.00474 (16011824)      0.00718 (15012924)
    0.00793c(12121024)      0.00662 (12121224)
3737714.3 |      0.00697c(13010924)      0.00697c(16011224)      0.00611c(16011224)
    0.00828 (15012924)      0.01098c(12121024)
3737672.4 |      0.00723 (16021124)      0.00799c(15020424)      0.00917c(13010924)
    0.00884c(16011224)      0.00967 (15012924)
3737630.5 |      0.00924c(12121424)      0.01035 (15011324)      0.01017 (16021124)
    0.01182c(15020424)      0.01271c(13010924)
3737588.6 |      0.01197c(16011224)      0.01283c(12121424)      0.01343c(12121424)
    0.01422 (15011324)      0.01538 (16021124)
3737546.7 |      0.01280c(13012224)      0.01377c(13012224)      0.01535c(16011224)
    0.01908c(12010324)      0.02114c(12121424)
3737504.7 |      0.01512c(12120724)      0.01712c(14120524)      0.01896c(14120524)
    0.02124c(14120524)      0.02522c(12121424)
3737462.8 |      0.01390c(13010924)      0.01624c(13010924)      0.01917c(13010924)
    0.02320c(13010924)      0.02880c(13010924)
3737420.9 |      0.01451c(12120724)      0.01640c(12120724)      0.01877c(12120724)
    0.02185c(12120724)      0.02601c(12120724)
3737379.0 |      0.01405 (15010824)      0.01625 (12010224)      0.01895 (12010224)
    0.02288c(15010224)      0.02715 (12122724)
3737337.1 |      0.01497 (12010224)      0.01718c(12010424)      0.01976 (15010824)
    0.02241 (13013124)      0.02525 (12122724)
3737295.1 |      0.01429 (12122724)      0.01553 (13010824)      0.01729 (15010824)
    0.02296 (13010824)      0.02411 (12020224)
3737253.2 |      0.01404 (16121424)      0.01643 (12010924)      0.01935 (12010924)
    0.02213 (13011624)      0.02476 (16120124)
3737211.3 |      0.01440 (12010924)      0.01603 (12020224)      0.01630 (14011424)
    0.01919 (13012824)      0.02278 (15120324)
3737169.4 |      0.01159 (13011624)      0.01286 (16120124)      0.01350c(12010424)
    0.01897 (15121124)      0.01887 (16120124)
3737127.5 |      0.01060 (13012824)      0.01167 (13011724)      0.01380 (15121124)
    0.01530 (16120124)      0.01830 (12012624)
3737085.5 |      0.01010 (14011424)      0.01208 (15121124)      0.01276 (16120124)
    0.01450 (15122924)      0.01388 (15121124)
3737043.6 |      0.01068 (15121124)      0.01074c(13010424)      0.01217 (15122924)
    0.01196 (15121124)      0.01033 (16012524)
3737001.7 |      0.00904c(13010424)      0.01042 (15122924)      0.01043 (15121124)
    0.00896 (15121124)      0.01068c(12011124)
3736959.8 |      0.00902 (15122924)      0.00921 (15121124)      0.00805 (15121124)
    0.00885 (16021024)      0.00943c(12121724)
3736917.9 |      0.00804 (16112324)      0.00729 (15121124)      0.00722 (16012524)
    0.00844 (12020124)      0.00689 (13011724)
3736875.9 |      0.00663 (15121124)      0.00577 (13112224)      0.00690c(12011124)
    0.00667 (13011724)      0.00594c(13120924)
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 3736834.0 |      0.00554 (13112224)      0.00636 (16021024)      0.00624 (12020124)
     0.00552 (16020224)      0.00586 (16020224)
 3736792.1 |      0.00537 (16012524)      0.00603 (12020124)      0.00488 (13011724)
     0.00469c(13120924)      0.00521c(15121024)
 3736750.2 |      0.00513 (16021024)      0.00476 (13011724)      0.00457 (16112324)
     0.00489 (16020224)      0.00503c(13121124)
 3736708.3 |      0.00463 (13011724)      0.00410 (16020224)      0.00379c(13120924)
     0.00441 (16020224)      0.00563c(13121124)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\24-073_Coast St
Con\24-073_Coast St Con.isc     ***        06/03/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:32:06

                                  PAGE  65
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   6TH HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     PAREA1      , A0000001
, A0000002    , A0000003    , A0000004    ,
                A0000005    , A0000006    , A0000007    , A0000008    , A0000009
, A0000010    , A0000011    , A0000012    ,
                A0000013    , A0000014    , A0000015    , A0000016    , A0000017
, A0000018    , A0000019    ,

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

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

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       408043.63              408096.76              408149.89
      408203.02              408256.15
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3738343.1 |      0.00174c(12100324)      0.00184 (12112624)      0.00234 (15121824)
     0.00173m(15030324)      0.00190c(13020624)
 3738301.2 |      0.00185 (13021924)      0.00179 (13021924)      0.00243 (15121824)
     0.00173m(15030324)      0.00201c(12120624)
 3738259.3 |      0.00179c(12100324)      0.00198 (13021924)      0.00252 (15121824)
     0.00209 (14112824)      0.00219 (15122224)
 3738217.4 |      0.00178c(12100324)      0.00218 (13021924)      0.00260 (15121824)
     0.00256 (14112824)      0.00228 (15122224)
 3738175.5 |      0.00175 (15121824)      0.00230 (15121824)      0.00267 (15121824)
     0.00271 (15121824)      0.00238 (15121824)
 3738133.5 |      0.00164 (15121824)      0.00217 (13110524)      0.00273 (15121824)
     0.00285 (15121824)      0.00249 (15122224)
 3738091.6 |      0.00174 (15012924)      0.00219 (15121824)      0.00276 (15121824)
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    0.00299 (15121824)      0.00264 (14112824)
3738049.7 |      0.00263 (15012924)      0.00210 (16122324)      0.00277 (15121824)
    0.00314 (15121824)      0.00300 (15121824)
3738007.8 |      0.00284 (13021924)      0.00231 (16122324)      0.00275 (15121824)
    0.00351 (13021924)      0.00324 (15121824)
3737965.9 |      0.00309 (15021724)      0.00332 (15012924)      0.00295 (16122324)
    0.00412 (13021924)      0.00350 (15121824)
3737923.9 |      0.00371 (15021724)      0.00389 (13021924)      0.00335 (16122324)
    0.00413 (13110524)      0.00414 (13021924)
3737882.0 |      0.00399 (12020724)      0.00420 (15021724)      0.00433 (15012924)
    0.00430 (16122324)      0.00512 (13021924)
3737840.1 |      0.00456 (14112824)      0.00518 (15021724)      0.00566 (13021924)
    0.00512 (16122324)      0.00594 (13110524)
3737798.2 |      0.00539 (15021724)      0.00579 (12121224)      0.00613 (15021724)
    0.00611 (16122324)      0.00680c(13111524)
3737756.3 |      0.00718c(12122824)      0.00690c(15020424)      0.00785 (15021724)
    0.00901 (13021924)      0.00830 (16122324)
3737714.3 |      0.00821 (12121224)      0.00899c(12122824)      0.00916 (12121224)
    0.01012 (13021924)      0.01077 (16122324)
3737672.4 |      0.01580c(12121024)      0.01063c(12121024)      0.01161c(12122824)
    0.01354 (15021724)      0.01646 (13021924)
3737630.5 |      0.01162c(16011224)      0.02134 (15012924)      0.01595c(12121024)
    0.01685c(12120624)      0.02021 (13021924)
3737588.6 |      0.01921c(15020424)      0.01923c(13010924)      0.02880 (15012924)
    0.02600c(12121024)      0.02901 (15021724)
3737546.7 |      0.02291c(12121424)      0.02629 (16021124)      0.03390c(16011224)
    0.04220 (15012924)      0.04754c(12121024)
3737504.7 |      0.02897c(13012224)      0.03734c(12121424)      0.04742c(12010324)
    0.05741 (16021124)      0.08399 (13013024)
3737462.8 |      0.03537c(12120724)      0.04532c(12121024)      0.06087c(13012224)
    0.08420c(13012224)      0.14085 (16021124)
3737420.9 |      0.03171c(12120724)      0.04107 (16121424)      0.05740 (16121424)
    0.08520c(12010324)      0.14076 (13011624)
3737379.0 |      0.03485 (13011624)      0.04439c(14120524)      0.05425 (13013124)
    0.07547 (13012824)      0.11824 (13011724)
3737337.1 |      0.02904 (15010824)      0.03853 (13012824)      0.04927 (13011624)
    0.06127c(12010424)      0.08086 (15121124)
3737295.1 |      0.02903 (13012824)      0.03295 (13012824)      0.04065 (15121124)
    0.05089 (15121124)      0.05902 (12020124)
3737253.2 |      0.02818 (15120324)      0.03053 (15121124)      0.03548 (15121124)
    0.03943 (16012524)      0.03799c(15121024)
3737211.3 |      0.02709c(13010424)      0.02691 (15121124)      0.02471 (16021024)
    0.02648 (13011724)      0.03958c(15121024)
3737169.4 |      0.02128 (15121124)      0.01977 (15121124)      0.02325c(12121724)
    0.01973c(15121024)      0.03735c(15121024)
3737127.5 |      0.01640 (15121124)      0.01883c(12011124)      0.01716 (13011724)
    0.02203c(13121124)      0.03425c(14012024)
3737085.5 |      0.01363 (16021024)      0.01561 (13011724)      0.01241 (16020224)
    0.02275c(15121024)      0.03269c(14012024)
3737043.6 |      0.01280 (12020124)      0.01054 (13011724)      0.01324c(13121124)
```

*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 ,
A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 ,
A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 ,

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

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

Y-COORD (METERS)	X-COORD (METERS)				
	408309.28	408362.41	408415.54	408468.67	408521.80
3738343.1	0.00170 (16012724)	0.00177b(13112124)	0.00167b(13112124)	0.00234 (14120824)	0.00236 (15122224)
3738301.2	0.00181b(13112124)	0.00190b(13112124)	0.00180m(15030324)	0.00274 (14120824)	0.00246 (15122224)

```
3738259.3 |      0.00193b(13112124)      0.00205b(13112124)      0.00192b(13112124)
    0.00320 (14120824)      0.00255 (12112624)
3738217.4 |      0.00207b(13112124)      0.00221b(13112124)      0.00213c(16020824)
    0.00345 (15122224)      0.00260 (12112624)
3738175.5 |      0.00232 (12020724)      0.00240b(13112124)      0.00234 (12121824)
    0.00367 (15122224)      0.00275 (15122224)
3738133.5 |      0.00278 (12020724)      0.00262b(13112124)      0.00269 (14120824)
    0.00391 (15122224)      0.00285 (15122224)
3738091.6 |      0.00302m(15030324)      0.00287b(13112124)      0.00324 (14120824)
    0.00417 (15122224)      0.00295 (15122224)
3738049.7 |      0.00318c(12120624)      0.00310m(15030324)      0.00392 (14120824)
    0.00446 (15122224)      0.00336 (12022424)
3738007.8 |      0.00402c(12120624)      0.00337c(13020524)      0.00479 (14120824)
    0.00479 (15122224)      0.00400 (12022424)
3737965.9 |      0.00496 (15122224)      0.00396b(13112124)      0.00591 (14120824)
    0.00535 (12021324)      0.00460c(13020624)
3737923.9 |      0.00543 (15122224)      0.00449b(13112124)      0.00731 (15122224)
    0.00653 (12112624)      0.00472c(13020624)
3737882.0 |      0.00595 (15122224)      0.00516b(13112124)      0.00822 (15122224)
    0.00692 (12112624)      0.00548c(12102224)
3737840.1 |      0.00657 (15122224)      0.00601b(13112124)      0.00936 (15122224)
    0.00733 (12112624)      0.00654c(12102224)
3737798.2 |      0.00781c(13111524)      0.00721 (12020724)      0.01079 (15122224)
    0.00901 (12022424)      0.00774c(12102224)
3737756.3 |      0.00971c(13020624)      0.00968 (12020724)      0.01264 (15122224)
    0.01113c(13020624)      0.00903c(12102224)
3737714.3 |      0.01150 (13021924)      0.01344 (12020724)      0.01725 (12021324)
    0.01358c(12102224)      0.01094 (12042324)
3737672.4 |      0.01659 (13021924)      0.01926c(12101824)      0.02607 (12021324)
    0.01767c(12102224)      0.01298c(12070424)
3737630.5 |      0.02463c(13111524)      0.02709c(12120624)      0.03490c(13020624)
    0.02287c(12070424)      0.01705c(14013124)
3737588.6 |      0.03624c(13111524)      0.04472c(12101824)      0.04610 (12112624)
    0.03172c(12070424)      0.02052 (12050324)
3737546.7 |      0.05936 (13021924)      0.08088c(12101824)      0.07687c(12102224)
    0.04440 (14101424)      0.02362 (16050924)
3737504.7 |      0.10531c(12121024)      0.18762c(13111524)      0.15397c(16020824)
    0.06017c(12092624)      0.02988c(12092624)
3737462.8 |      0.25886c(16011224)      0.47304c(14102324)      0.34479 (13102224)
    0.09196c(12110924)      0.04317c(12110924)
3737420.9 |      0.29596 (12020224)      0.43637c(16121324)      0.48081c(12011724)
    0.14281m(13121024)      0.07191m(13121024)
3737379.0 |      0.18235 (12012624)      0.31127c(14012224)      0.28805 (16121224)
    0.14867c(12112024)      0.07672 (16122924)
3737337.1 |      0.10570c(13121124)      0.16660c(12121724)      0.16111 (13021424)
    0.11559 (15012324)      0.06538 (16012124)
3737295.1 |      0.08986c(14012024)      0.10511c(14021224)      0.09995c(16020424)
    0.08737c(14011524)      0.06003c(12011824)
3737253.2 |      0.07763c(14010824)      0.07111c(14010824)      0.06961c(14012124)
    0.07129c(12020624)      0.05263 (16121224)
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 3737211.3 |      0.05752c(12011124)      0.05157c(14010824)      0.05313c(14011024)
     0.05465c(12020624)      0.04551 (16121224)
 3737169.4 |      0.04533c(13120924)      0.04056c(14011624)      0.04030 (15020224)
     0.04026c(12011824)      0.03979c(14010324)
 3737127.5 |      0.03787c(14012124)      0.03309c(14011624)      0.03371c(16010424)
     0.03056c(12011724)      0.03620c(12020624)
 3737085.5 |      0.03032c(13121124)      0.02795 (15122424)      0.02855c(16121324)
     0.02381c(14011624)      0.02953c(16020424)
 3737043.6 |      0.02429c(13121124)      0.02400 (15122424)      0.02441 (14010724)
     0.02175c(14011624)      0.02394c(12020624)
 3737001.7 |      0.02184c(14021224)      0.02096 (15122424)      0.02066b(15011624)
     0.01979 (15020224)      0.01943c(12011724)
 3736959.8 |      0.01979c(14021224)      0.01835 (15121824)      0.01755 (15020224)
     0.01756c(14011024)      0.01544c(12011724)
 3736917.9 |      0.01798c(14021224)      0.01624c(14011624)      0.01533 (14010724)
     0.01620c(14012124)      0.01294c(13112824)
 3736875.9 |      0.01613c(14010824)      0.01461c(14011624)      0.01367 (15020224)
     0.01487 (15020224)      0.01241 (15020224)
 3736834.0 |      0.01412c(14010824)      0.01327c(14011624)      0.01220 (15020224)
     0.01359 (15020224)      0.01188 (15020224)
 3736792.1 |      0.01249c(14010824)      0.01208c(14011624)      0.01098 (15020224)
     0.01220c(16010424)      0.01130 (15020224)
 3736750.2 |      0.01107c(14010824)      0.01106c(14011624)      0.00991 (15020224)
     0.01135c(16010424)      0.01050c(14011024)
 3736708.3 |      0.00986c(14010824)      0.01017c(14011624)      0.00906c(14021224)
     0.01048 (15020224)      0.00967c(14011624)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\24-073_Coast St
Con\24-073_Coast St Con.isc     ***        06/03/25
 *** AERMET - VERSION  16216 ***   ***
                      ***        20:32:06

                                 PAGE  67
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   6TH HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     PAREA1      , A0000001
, A0000002    , A0000003    , A0000004    ,
                A0000005    , A0000006    , A0000007    , A0000008    , A0000009
, A0000010    , A0000011    , A0000012    ,
                A0000013    , A0000014    , A0000015    , A0000016    , A0000017
, A0000018    , A0000019    ,

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

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

  Y-COORD  |                                              X-COORD (METERS)
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(METERS)	408574.93	408628.06	408681.19	408734.32	408787.45
3738343.1	0.00172 (15122224)	0.00159c(13020624)	0.00141c(12102224)	0.00136c(12102224)	0.00153 (15111724)
3738301.2	0.00179 (12022424)	0.00157c(13020624)	0.00153c(12102224)	0.00143c(12102224)	0.00197 (15111724)
3738259.3	0.00205 (12022424)	0.00166c(12102224)	0.00166c(12102224)	0.00151c(12102224)	0.00217 (12022424)
3738217.4	0.00234 (12022424)	0.00185c(12102224)	0.00179c(12102224)	0.00196 (15111724)	0.00212c(13020524)
3738175.5	0.00253c(13020624)	0.00205c(12102224)	0.00193c(12102224)	0.00257 (15111724)	0.00190c(13020524)
3738133.5	0.00253c(13020624)	0.00228c(12102224)	0.00206c(12102224)	0.00272 (12022424)	0.00168 (12042324)
3738091.6	0.00257c(12102224)	0.00252c(12102224)	0.00265 (15111724)	0.00258c(13020524)	0.00186 (12042324)
3738049.7	0.00295c(12102224)	0.00276c(12102224)	0.00346 (15111724)	0.00226c(13020524)	0.00199 (12111324)
3738007.8	0.00336c(12102224)	0.00301c(12102224)	0.00353 (12022424)	0.00245 (12042324)	0.00216c(16020824)
3737965.9	0.00383c(12102224)	0.00370 (15111724)	0.00321c(13020524)	0.00262 (12111324)	0.00237 (12042324)
3737923.9	0.00432c(12102224)	0.00485 (15111724)	0.00333 (12022424)	0.00274c(16020824)	0.00249 (12042324)
3737882.0	0.00483c(12102224)	0.00481c(13020524)	0.00360 (12111324)	0.00341c(14013124)	0.00256 (12042324)
3737840.1	0.00561 (15111724)	0.00477 (12022424)	0.00407 (15122224)	0.00321 (12091024)	0.00291 (13011624)
3737798.2	0.00723 (15111724)	0.00529 (12111324)	0.00462 (12042324)	0.00369 (12091024)	0.00332 (13011624)
3737756.3	0.00745 (12022424)	0.00652 (12042324)	0.00483 (12042324)	0.00391 (13102224)	0.00351 (13011624)
3737714.3	0.00846 (15122224)	0.00647 (14120824)	0.00528 (12091024)	0.00413 (12050324)	0.00365c(13010124)
3737672.4	0.01108 (12042324)	0.00744 (12091024)	0.00547 (13102224)	0.00423 (12050324)	0.00350 (16123024)
3737630.5	0.01194 (12042324)	0.00781 (12091024)	0.00599 (12050324)	0.00455b(12041124)	0.00373 (16123024)
3737588.6	0.01244 (12091024)	0.00874 (12111324)	0.00656 (13011024)	0.00525b(12041124)	0.00438 (13011024)
3737546.7	0.01487 (15101624)	0.01030 (13011024)	0.00821 (14120424)	0.00664 (16121624)	0.00532c(12110924)
3737504.7	0.01998c(12110924)	0.01375c(14013124)	0.00958 (16121624)	0.00747 (15011924)	0.00630 (12021724)
3737462.8	0.02483 (13020824)	0.01706 (13020824)	0.01272m(13121024)	0.00982m(15010524)	0.00775 (13020824)
3737420.9	0.04331m(13121024)	0.02719 (13020424)	0.01770 (13020424)		

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    0.01219 (13020424)      0.00876 (13020424)
 3737379.0 |      0.04866m(13121024)      0.03467 (15011524)      0.02417 (15012824)
    0.01791 (13122624)      0.01274 (14120424)
 3737337.1 |      0.05343 (13122624)      0.03431 (16122924)      0.02602m(13121024)
    0.02154m(13121024)      0.01768 (15011524)
 3737295.1 |      0.03971 (15010624)      0.03525 (15021324)      0.02419 (14011324)
    0.02055 (16122924)      0.01680m(13121024)
 3737253.2 |      0.03753 (12012524)      0.02856 (15010624)      0.02397 (13020424)
    0.02063b(12020824)      0.01602 (16122924)
 3737211.3 |      0.03591 (15012324)      0.02649m(16012624)      0.02185 (15010624)
    0.01894 (15012324)      0.01689 (15021324)
 3737169.4 |      0.03287 (16121224)      0.02622c(13020124)      0.02061 (15021324)
    0.01745 (15010624)      0.01568 (15012324)
 3737127.5 |      0.02905 (16121224)      0.02446c(13020124)      0.01998c(13020124)
    0.01678 (15021324)      0.01437 (15010624)
 3737085.5 |      0.02720c(14012824)      0.02299b(12020824)      0.01983c(13020124)
    0.01564c(13020124)      0.01398 (15021324)
 3737043.6 |      0.02452c(14010324)      0.02065c(13010124)      0.01812 (16121224)
    0.01621c(13020124)      0.01287 (14021424)
 3737001.7 |      0.02272 (13021424)      0.01957c(14010324)      0.01691 (13021424)
    0.01537m(13010324)      0.01342c(13020124)
 3736959.8 |      0.01924c(16020424)      0.01858c(14010324)      0.01594c(13010124)
    0.01438 (16121224)      0.01328c(13020124)
 3736917.9 |      0.01652c(12020624)      0.01697c(14010324)      0.01506c(14010324)
    0.01342 (13021424)      0.01193c(14012824)
 3736875.9 |      0.01371c(12020624)      0.01589 (13021424)      0.01464c(14010324)
    0.01287c(12020624)      0.01091c(13020124)
 3736834.0 |      0.01157c(12011724)      0.01396c(16020424)      0.01379c(14010324)
    0.01223c(13010124)      0.01101 (13021424)
 3736792.1 |      0.00964c(12011724)      0.01223c(12011724)      0.01274c(16020424)
    0.01194c(14010324)      0.01054c(12020624)
 3736750.2 |      0.00876c(13112824)      0.01041c(12011824)      0.01190 (13021424)
    0.01148c(14010324)      0.01024c(13010124)
 3736708.3 |      0.00810c(13112824)      0.00905c(12011724)      0.01071c(12011724)
    0.01079c(14010324)      0.01000c(14010324)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\24-073_Coast St
Con\24-073_Coast St Con.isc     ***        06/03/25
 *** AERMET - VERSION  16216 ***   ***
                      ***        20:32:06

                                  PAGE  68
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   6TH HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     PAREA1      , A0000001
, A0000002    , A0000003    , A0000004    ,
                A0000005    , A0000006    , A0000007    , A0000008    , A0000009
, A0000010    , A0000011    , A0000012    ,
                A0000013    , A0000014    , A0000015    , A0000016    , A0000017
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, A0000018   , A0000019   ,

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

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

Y-COORD (METERS)	X-COORD (METERS)				
	408840.58	408893.71	408946.84	408999.97	409053.10
3738343.1	0.00177 (12022424)	0.00112 (12122624)	0.00104 (12122624)	0.00107c(13082824)	0.00104c(13082824)
3738301.2	0.00162c(13020524)	0.00116 (12122624)	0.00113 (15011524)	0.00111c(13082824)	0.00097 (14120824)
3738259.3	0.00144c(13020524)	0.00122 (12022424)	0.00119c(13082824)	0.00114c(13082824)	0.00102 (15122224)
3738217.4	0.00135 (12122624)	0.00126 (12042324)	0.00124c(13082824)	0.00110 (15122224)	0.00117 (15122224)
3738175.5	0.00146 (12042324)	0.00135c(13082824)	0.00128c(13082824)	0.00128 (15122224)	0.00117 (12021324)
3738133.5	0.00155 (12111324)	0.00143 (12042324)	0.00137c(14013124)	0.00132 (12091024)	0.00128 (13102224)
3738091.6	0.00170 (12042324)	0.00149 (12042324)	0.00143 (12091024)	0.00131 (13102224)	0.00151 (15122224)
3738049.7	0.00171 (15122224)	0.00156 (12091024)	0.00160 (12021324)	0.00167 (13102224)	0.00155 (15122224)
3738007.8	0.00207c(14013124)	0.00179 (12091024)	0.00177 (12091024)	0.00181 (15122224)	0.00169c(13010124)
3737965.9	0.00196 (12042324)	0.00200 (12091024)	0.00215 (13102224)	0.00183 (15122224)	0.00206c(13010124)
3737923.9	0.00229 (13011624)	0.00230 (13102224)	0.00220 (15122224)	0.00221c(13010124)	0.00222 (13102224)
3737882.0	0.00249 (12091024)	0.00268 (15122224)	0.00238c(13010124)	0.00237 (13102224)	0.00198 (13102224)
3737840.1	0.00297 (13102224)	0.00269 (15122224)	0.00255 (13102224)	0.00218 (12111324)	0.00169 (16123024)
3737798.2	0.00317 (13011624)	0.00277 (13102224)	0.00233 (12111324)	0.00194 (16123024)	0.00155 (13011624)
3737756.3	0.00330c(13010124)	0.00253 (12111324)	0.00202 (13011624)	0.00169 (13011024)	0.00156 (13011024)
3737714.3	0.00278 (12111324)	0.00231 (15122224)	0.00208 (13011024)	0.00188 (13011024)	0.00172c(13111924)
3737672.4	0.00293 (13011024)	0.00255 (16123024)	0.00216 (13020824)	0.00212 (12020924)	0.00208 (13020824)
3737630.5	0.00313 (16121624)	0.00283c(12110524)	0.00254 (12020924)	0.00226c(14013124)	0.00225c(12110524)

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 3737588.6 |      0.00382 (16121624)      0.00318c(12110924)      0.00279 (16121624)
     0.00241c(12110524)      0.00214c(12110524)
 3737546.7 |      0.00431 (16121624)      0.00353 (16121624)      0.00297 (12020924)
     0.00261c(12110924)      0.00227 (15011924)
 3737504.7 |      0.00548 (12021724)      0.00481 (12021724)      0.00426 (12021724)
     0.00380 (12021724)      0.00333m(15010524)
 3737462.8 |      0.00638 (13020824)      0.00537 (13020824)      0.00459 (13020824)
     0.00398 (13020824)      0.00350 (13020824)
 3737420.9 |      0.00653 (13020424)      0.00499 (13020424)      0.00390 (13020424)
     0.00337 (13020824)      0.00297 (13020824)
 3737379.0 |      0.01104 (14120424)      0.00907 (13020424)      0.00705 (13020424)
     0.00556 (13020424)      0.00446 (13020424)
 3737337.1 |      0.01379 (15011524)      0.01082 (15011524)      0.00856 (15011524)
     0.00682 (15011524)      0.00548 (15011524)
 3737295.1 |      0.01480m(13121024)      0.01240 (16012124)      0.01119 (15011524)
     0.00924 (15011524)      0.00764 (15011524)
 3737253.2 |      0.01414 (16122924)      0.01209 (16122924)      0.01095m(13121024)
     0.00992m(13121024)      0.00825 (15011924)
 3737211.3 |      0.01328 (12112824)      0.01169 (16122924)      0.01055 (16122924)
     0.00927 (16122924)      0.00851m(13121024)
 3737169.4 |      0.01383 (13020424)      0.01161 (12112824)      0.01178 (12112824)
     0.01136 (15011524)      0.00825 (16122924)
 3737127.5 |      0.01256 (16012124)      0.01105 (12112824)      0.01017 (12112824)
     0.00876 (14011324)      0.00893 (12112824)
 3737085.5 |      0.01214 (15010624)      0.01012 (16012124)      0.00940 (12112824)
     0.00910b(12020824)      0.00757 (14011324)
 3737043.6 |      0.01188 (15021324)      0.01044 (15010624)      0.00831 (15010624)
     0.00809 (12112824)      0.00790 (12112824)
 3737001.7 |      0.01093 (14021424)      0.01027 (15021324)      0.00911 (15010624)
     0.00740 (15010624)      0.00702 (12112824)
 3736959.8 |      0.01109 (12012524)      0.00951 (15010624)      0.00900 (15021324)
     0.00806 (15010624)      0.00666 (15010624)
 3736917.9 |      0.01072 (15012324)      0.00930 (12012524)      0.00847 (15010624)
     0.00797 (15021324)      0.00721 (15010624)
 3736875.9 |      0.01028m(13010324)      0.00983 (12012524)      0.00807c(13020124)
     0.00760 (15010624)      0.00713 (15021324)
 3736834.0 |      0.01009 (16121224)      0.00941c(12011824)      0.00840 (12012524)
     0.00692c(13020124)      0.00689c(12011724)
 3736792.1 |      0.00927 (12022224)      0.00857 (16121224)      0.00767c(12011824)
     0.00725 (12012524)      0.00623c(13122324)
 3736750.2 |      0.00925 (13021424)      0.00866 (16121224)      0.00761 (12022224)
     0.00719 (15012324)      0.00632 (14021424)
 3736708.3 |      0.00883c(12020624)      0.00846 (16121224)      0.00778c(13020124)
     0.00706c(12011824)      0.00664 (12012524)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\24-073_Coast St
Con\24-073_Coast St Con.isc     ***        06/03/25
 *** AERMET - VERSION  16216 ***   ***
                      ***        20:32:06
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   6TH HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     PAREA1      , A0000001
, A0000002    , A0000003    , A0000004    ,
                  A0000005    , A0000006    , A0000007    , A0000008    , A0000009
, A0000010    , A0000011    , A0000012    ,
                  A0000013    , A0000014    , A0000015    , A0000016    , A0000017
, A0000018    , A0000019    ,

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

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       409106.23              409159.36              409212.49
      409265.62              409318.75
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3738343.1 |      0.00084 (13082624)      0.00092c(13082824)      0.00088 (15122224)
     0.00085 (15122224)      0.00080 (15122224)
 3738301.2 |      0.00096 (13011624)      0.00096 (15122224)      0.00094 (15122224)
     0.00089 (16120224)      0.00085c(13010124)
 3738259.3 |      0.00106 (15122224)      0.00097 (13102224)      0.00099 (15122224)
     0.00106 (12091024)      0.00107c(13010124)
 3738217.4 |      0.00104 (15011524)      0.00111 (15122224)      0.00113 (12091024)
     0.00111c(13010124)      0.00130c(13010124)
 3738175.5 |      0.00125 (12091024)      0.00122 (12091024)      0.00116c(13010124)
     0.00137c(13010124)      0.00154c(13010124)
 3738133.5 |      0.00132 (12091024)      0.00123 (12091024)      0.00144c(13010124)
     0.00162c(13010124)      0.00173 (13102224)
 3738091.6 |      0.00134 (12091024)      0.00151c(13010124)      0.00171c(13010124)
     0.00181 (13102224)      0.00157 (12111324)
 3738049.7 |      0.00160c(13010124)      0.00181c(13010124)      0.00189 (13102224)
     0.00164 (12111324)      0.00114 (12111324)
 3738007.8 |      0.00193c(13010124)      0.00199 (13102224)      0.00173 (12111324)
     0.00128m(15010524)      0.00118 (13102224)
 3737965.9 |      0.00210 (13102224)      0.00181 (13102224)      0.00150 (13102224)
     0.00127 (16123024)      0.00120 (13011624)
 3737923.9 |      0.00189 (13102224)      0.00154 (13102224)      0.00141 (16123024)
     0.00121 (13011624)      0.00099 (13011624)
 3737882.0 |      0.00158 (13102224)      0.00149 (13011624)      0.00121 (13011624)
     0.00103c(13111924)      0.00106c(13111924)
 3737840.1 |      0.00152 (13011624)      0.00122 (13011624)      0.00117c(13111924)
     0.00120c(13111924)      0.00111c(12110524)
 3737798.2 |      0.00134c(13111924)      0.00134c(13111924)      0.00127c(12110524)
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    0.00130 (12020924)      0.00130c(13111924)
3737756.3 |      0.00151 (16123024)      0.00149c(13111924)      0.00145c(13111924)
    0.00133c(14013124)      0.00116 (13020824)
3737714.3 |      0.00164c(13111924)      0.00155c(13111924)      0.00135 (16120224)
    0.00132m(13121024)      0.00126c(13111924)
3737672.4 |      0.00167 (16120224)      0.00149c(13111924)      0.00148 (15012824)
    0.00156 (15012824)      0.00162c(12110524)
3737630.5 |      0.00208c(12110524)      0.00191c(12110524)      0.00175c(12110524)
    0.00161c(12110524)      0.00147c(12110524)
3737588.6 |      0.00191c(12110524)      0.00171c(12110524)      0.00160m(13121024)
    0.00150m(13121024)      0.00141m(13121024)
3737546.7 |      0.00218 (15011924)      0.00207 (15011924)      0.00197 (15011924)
    0.00188 (15011924)      0.00179 (15011924)
3737504.7 |      0.00281m(15010524)      0.00241m(15010524)      0.00208m(15010524)
    0.00189m(13121024)      0.00174m(13121024)
3737462.8 |      0.00310 (13020824)      0.00278 (13020824)      0.00250 (13020824)
    0.00227 (13020824)      0.00208 (13020824)
3737420.9 |      0.00265 (13020824)      0.00238 (13020824)      0.00215 (13020824)
    0.00196 (13020824)      0.00179 (13020824)
3737379.0 |      0.00363 (13020424)      0.00298 (13020424)      0.00247 (13020424)
    0.00222 (15022424)      0.00210 (15022424)
3737337.1 |      0.00475 (14120424)      0.00444 (14120424)      0.00390 (13020424)
    0.00327 (13020424)      0.00275 (13020424)
3737295.1 |      0.00624 (13122624)      0.00528 (15011524)      0.00442 (15011524)
    0.00372 (15011524)      0.00313 (15011524)
3737253.2 |      0.00792 (15011524)      0.00679 (15011524)      0.00571 (13122624)
    0.00479 (13122624)      0.00403 (13122624)
3737211.3 |      0.00789m(13121024)      0.00679 (16012124)      0.00605 (15011924)
    0.00596 (15011924)      0.00521 (13122624)
3737169.4 |      0.00743 (16122924)      0.00686m(13121024)      0.00646m(13121024)
    0.00586 (16012124)      0.00491 (16012124)
3737127.5 |      0.00951 (15011524)      0.00766 (14011324)      0.00614 (16122924)
    0.00568m(13121024)      0.00541m(13121024)
3737085.5 |      0.00651 (16122924)      0.00635 (16122924)      0.00801 (15011524)
    0.00672 (14011324)      0.00523 (16122924)
3737043.6 |      0.00715m(13010324)      0.00623c(13122324)      0.00552 (16122924)
    0.00628 (15011524)      0.00680 (14011324)
3737001.7 |      0.00699 (12112824)      0.00645 (15021324)      0.00565 (14011324)
    0.00479 (16122924)      0.00560 (12112824)
3736959.8 |      0.00629 (15012324)      0.00619 (12112824)      0.00563 (13020424)
    0.00501 (15021324)      0.00466c(13122324)
3736917.9 |      0.00604 (15010624)      0.00560 (16012124)      0.00552 (12112824)
    0.00523b(12020824)      0.00478 (15021324)
3736875.9 |      0.00651 (15010624)      0.00552 (15010624)      0.00484 (16012124)
    0.00493 (12112824)      0.00492 (12112824)
3736834.0 |      0.00643 (15021324)      0.00593 (15010624)      0.00508 (15010624)
    0.00441 (15021124)      0.00443 (12112824)
3736792.1 |      0.00617c(12011724)      0.00584 (15021324)      0.00543 (15010624)
    0.00469 (15010624)      0.00408 (15021124)
3736750.2 |      0.00577c(13122324)      0.00563c(12011724)      0.00534 (15021324)
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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 ,

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

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

Y-COORD (METERS)	X-COORD (METERS)				
	409371.88	409425.01	409478.14	409531.27	409584.40
3738343.1	0.00082c(13010124)	0.00099c(13010124)	0.00114c(13010124)	0.00128c(13010124)	0.00139c(13010124)
3738301.2	0.00103c(13010124)	0.00119c(13010124)	0.00133c(13010124)	0.00145c(13010124)	0.00128 (12111324)
3738259.3	0.00124c(13010124)	0.00140c(13010124)	0.00152c(13010124)	0.00134 (12111324)	0.00098 (12111324)
3738217.4	0.00146c(13010124)	0.00159c(13010124)	0.00139 (12111324)	0.00102 (12111324)	0.00073 (12111324)
3738175.5	0.00166 (13102224)	0.00145 (12111324)	0.00104 (12111324)	0.00077 (16123024)	0.00089m(15010524)
3738133.5	0.00151 (12111324)	0.00107 (12111324)	0.00090m(15010524)	0.00096 (16123024)	0.00099 (13011624)
3738091.6	0.00111 (12111324)	0.00106m(15010524)	0.00104 (16123024)	0.00099 (13011624)	0.00084 (13011624)
3738049.7	0.00117 (13102224)	0.00114 (16123024)	0.00099 (13011624)	0.00083 (13011624)	0.00077c(13101424)
3738007.8	0.00119 (13011624)	0.00099 (13011624)	0.00082 (13011624)	0.00081c(13101424)	0.00082c(13111924)

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3737965.9 |      0.00099 (13011624)      0.00086c(13101424)      0.00087c(13111924)
    0.00091c(13111924)      0.00085 (16123024)
3737923.9 |      0.00094c(13111924)      0.00097c(13111924)      0.00096 (16123024)
    0.00090c(12110524)      0.00090c(14013124)
3737882.0 |      0.00109c(13111924)      0.00099c(12110524)      0.00102 (12020924)
    0.00092m(13121024)      0.00089c(15111924)
3737840.1 |      0.00114 (12020924)      0.00108c(14013124)      0.00099 (16120224)
    0.00094c(15111924)      0.00091c(15111924)
3737798.2 |      0.00110m(13121024)      0.00103c(15111924)      0.00099c(15111924)
    0.00096c(14012924)      0.00094c(14012924)
3737756.3 |      0.00115 (13020824)      0.00114 (13020824)      0.00110c(13111924)
    0.00102c(13111924)      0.00096c(14012924)
3737714.3 |      0.00122 (14120424)      0.00121m(13121024)      0.00117m(13121024)
    0.00114 (15012824)      0.00117 (15012824)
3737672.4 |      0.00151c(12110524)      0.00140c(12110524)      0.00130c(12110524)
    0.00121c(12110524)      0.00112c(12110524)
3737630.5 |      0.00135c(12110524)      0.00123c(12110524)      0.00117m(13121024)
    0.00110m(13121024)      0.00105m(13121024)
3737588.6 |      0.00132m(13121024)      0.00124m(13121024)      0.00117m(13121024)
    0.00111m(13121024)      0.00104m(13121024)
3737546.7 |      0.00170 (12020924)      0.00153m(15010524)      0.00137m(15010524)
    0.00124m(15010524)      0.00113m(15010524)
3737504.7 |      0.00159m(13121024)      0.00147m(13121024)      0.00136 (12020924)
    0.00129 (12020924)      0.00123 (12020924)
3737462.8 |      0.00190m(13121024)      0.00174m(13121024)      0.00159m(13121024)
    0.00146m(13121024)      0.00139 (15122324)
3737420.9 |      0.00170 (15122324)      0.00164 (15122324)      0.00158 (15122324)
    0.00153 (15122324)      0.00148 (15122324)
3737379.0 |      0.00200 (15022424)      0.00190 (15022424)      0.00181 (15022424)
    0.00173 (15022424)      0.00166 (15022424)
3737337.1 |      0.00233 (13020424)      0.00199 (13020424)      0.00190 (15022424)
    0.00184 (15022424)      0.00178 (15022424)
3737295.1 |      0.00264 (15011524)      0.00253 (14120424)      0.00242 (14120424)
    0.00217 (13020424)      0.00187 (13020424)
3737253.2 |      0.00364 (15011524)      0.00312 (15011524)      0.00268 (15011524)
    0.00232 (15011524)      0.00202c(12121024)
3737211.3 |      0.00446 (13122624)      0.00383 (13122624)      0.00329 (13122624)
    0.00283 (13122624)      0.00258 (15012824)
3737169.4 |      0.00464 (15011924)      0.00461 (15011924)      0.00414 (13122624)
    0.00361 (13122624)      0.00316 (13122624)
3737127.5 |      0.00512 (16012124)      0.00437 (16012124)      0.00377c(13111424)
    0.00369 (15011924)      0.00368 (15011924)
3737085.5 |      0.00479m(13121024)      0.00461m(13121024)      0.00442m(13121024)
    0.00391 (16012124)      0.00358c(13111424)
3737043.6 |      0.00487 (16122924)      0.00454 (16122924)      0.00418 (16122924)
    0.00399m(13121024)      0.00385m(13121024)
3737001.7 |      0.00549 (15011524)      0.00438 (14011324)      0.00425 (12021724)
    0.00399 (16122924)      0.00369 (16122924)
3736959.8 |      0.00517 (16122924)      0.00459 (12112824)      0.00411 (16122924)
    0.00382 (14011324)      0.00368 (12021724)
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3736917.9 | 0.00447 (14011324) 0.00435 (16122924) 0.00464 (12112824)
0.00363 (15011524) 0.00364 (16122924)
3736875.9 | 0.00441 (13020424) 0.00401 (14011324) 0.00383 (14020724)
0.00395 (16122924) 0.00333 (12112824)
3736834.0 | 0.00447 (12112824) 0.00378 (13020424) 0.00370 (15021324)
0.00362 (14020724) 0.00298 (16122924)
3736792.1 | 0.00399 (12112824) 0.00408 (12112824) 0.00354b(12020824)
0.00346m(13010324) 0.00339 (14020724)
3736750.2 | 0.00378 (15021124) 0.00361 (12112824) 0.00372 (12112824)
0.00341b(12020824) 0.00327 (14011324)
3736708.3 | 0.00403 (15010624) 0.00352 (15021124) 0.00326 (15021124)
0.00341 (12112824) 0.00329b(12020824)

*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 ,

*** 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)
408366.38	3737485.43	0.31227c	(12101824)	408430.14	3737461.14	0.22114	(14120424)
408181.97	3737466.67	0.07159c	(13012224)	408150.06	3737412.73	0.05796	(15010824)
408109.61	3737456.33	0.04787c	(12120724)	408217.52	3737471.69	0.09505c	(14120524)
408016.80	3737435.48	0.03037	(12011224)	408279.89	3737472.78	0.15276	(16021124)
408798.65	3737545.01	0.00510	(16121624)	408676.12	3737499.78	0.00994	(16121624)
407927.20	3737488.08	0.02290c	(12121024)	407852.89			

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3737488.76        0.01856c (12120724)
        408566.64   3737551.51        0.01556b (12041124)                408261.37
3737558.76        0.03748  (15021724)
        408120.70   3737439.75        0.04879  (12011224)                408512.12
3737495.11        0.03606  (16121624)
        408510.14   3737484.42        0.04162  (16120224)                408511.38
3737471.75        0.04665c (12110924)
        408511.63   3737457.34        0.04927c (12110924)                408356.31
3737407.88        0.42853c (15121024)
        408511.63   3737446.65        0.05699  (13020424)                408511.13
3737433.23        0.07177m (13121024)
        408327.23   3737479.20        0.22672c (13010924)                408329.72
3737416.58        0.40775c (15010224)
        408387.62   3737478.21        0.41889c (12070424)                408407.50
3737476.47        0.32086  (16101124)
        408293.50   3737546.37        0.05342  (15021724)                408183.24
3737542.99        0.03849c (13010924)
        408402.13   3737553.87        0.07972c (13020624)                408440.68
3737412.33        0.25529  (16122924)
        408407.34   3737393.62        0.40115c (16121324)                408359.39
3737391.57        0.38288  (15121824)
        408512.32   3737400.05        0.08335m (13121024)                408481.62
3737390.11        0.13175  (12021724)
        408443.74   3737538.89        0.06413c (12070424)                408503.64
3737538.89        0.03014  (16050924)
        408367.16   3737603.86        0.03392  (15042124)                408324.78
3737606.24        0.03177c (13020524)
        408547.34   3737413.04        0.05688  (13122624)                408327.55
3737398.88        0.31456c (12011124)
```


*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

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

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                        NETWORK
GROUP ID                        AVERAGE CONC                RECEPTOR  (XR, YR, ZELEV, ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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ALL       1ST HIGHEST VALUE IS       0.12670 AT (  408387.62,  3737478.21,    16.97,
   16.97,    0.00)  DC
          2ND HIGHEST VALUE IS       0.12435 AT (  408362.41,  3737462.82,    17.00,
   17.00,    0.00)  GC  UCART1
          3RD HIGHEST VALUE IS       0.10445 AT (  408407.50,  3737476.47,    16.66,
   16.66,    0.00)  DC
          4TH HIGHEST VALUE IS       0.10164 AT (  408415.54,  3737462.82,    16.60,
   16.60,    0.00)  GC  UCART1
          5TH HIGHEST VALUE IS       0.08038 AT (  408366.38,  3737485.43,    17.00,
   17.00,    0.00)  DC
          6TH HIGHEST VALUE IS       0.06275 AT (  408415.54,  3737420.90,    16.50,
   16.50,    0.00)  GC  UCART1
          7TH HIGHEST VALUE IS       0.06263 AT (  408362.41,  3737420.90,    16.50,
   16.50,    0.00)  GC  UCART1
          8TH HIGHEST VALUE IS       0.05946 AT (  408430.14,  3737461.14,    16.69,
   16.69,    0.00)  DC
          9TH HIGHEST VALUE IS       0.04413 AT (  408415.54,  3737504.74,    16.70,
   16.70,    0.00)  GC  UCART1
         10TH HIGHEST VALUE IS       0.04091 AT (  408329.72,  3737416.58,    16.71,
   16.71,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
↑ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\24-073_Coast St
Con\24-073_Coast St Con.isc     ***        06/03/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        20:32:06

                                  PAGE  73
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

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


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

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

ALL      HIGH   1ST HIGH VALUE IS       8.62577  ON 12020208: AT (  408329.72,
```

3737416.58,   16.71,   16.71,   0.00) DC

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


*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

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

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

ALL      HIGH   1ST HIGH VALUE IS       0.65264c ON 13020524: AT (  408362.41,   3737462.82,    17.00,    17.00,    0.00)  GC  UCART1
         HIGH   6TH HIGH VALUE IS       0.48081c ON 12011724: AT (  408415.54,   3737420.90,    16.50,    16.50,    0.00)  GC  UCART1
```

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


*** 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     573       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
    0.50
ME W187     573       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


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

APPENDIX C – ESTIMATION OF PROJECT CONSTRUCTION DPM EMISSIONS

Basic Operational HRA Setup

Information Needed to Generate Emissions

Site Plan showing onsite trip distribution for trucks and cars
Trip generation Table with offsite trip distribution for trucks and cars
Operational Year
Land Use - refrigerated vs non-refrigerated
TRU usage (number of trucks and TRU size using TRUs and number of hours in opertion while at
Use of fire pumps, standby emergency generator, forklifts, and yard trucks (number, size, and
Emission factors: EMFAC2021, OFFROAD2021 (2017), CalEEMod
Idle time assumed to be 15 minutes

AERMOD Setup to Generate Ground-level Concentrations

Use site plan to delineate the locations of the onsite truck routes, offsite truck routesm fire pum
fork lifts, and yard trucks
Obtain the necessary meteorological data
Overlay site plan onto Google Earth and screen capture the site plan noting the Google x and
bottom left and upper right coordinates
Import the Google site plan into AERMOD
Layout the onsite and offsite truck routes on the imported site plan as line area sources
Locate the truck idling locations at the loading docks and define as a series of point sources to
over the entire length of the loading docks
Locate the fire pumps and generators as point sources
Locate the forklifts and yard trucks as area or volume sources
Set the AERMOD averaging times as 1-hour and Period
Enter the annual average DPM emissions for each source
Deploy a gridded network of receptors to cover the receptor locations that could be impacted
along the offsite travel routes, locations of nearest sensitive receptors, locations of the nea

Area Sources:				
Project Site:				
	Release:	5 meters	16.4042	
Release Heights:				Idling Source
Line Sources		3.11 meters	10.2034	
	Vehicle Height	3.11 meters	10.2034	
	Vehicle Width	meters		
	Emission Rate:			
				Idling Truck Source
Idle Trucks				
	Release	3.66	12.0079	
	Emission Rate			
	Gas Exit Temp	366.483		

Stack Diam	0.1		
Gas Exit Velocity	51.7		
Flow Rate	0.4061		

FirePump/Generator	2.256	meters	7.40157
Emission Rate:	4.13E-05		
Gas Exit Temp	749.261		
Stack Diam	0.104		
Gas Exit Velocity	43.587		
Flow Rate	0.3676		

Gold tabs are [raw] information inputs

Blue tabs are model inputs

Pink tabs are Air Qualtiy Calculation tabs

Unmitigated and over threshold

d y corners of the screen capture

arest worker receptors

24-073 Coast St Garden Grove Apartments
Emission Assumptions

2026 operational year
DPM Emissions

1) Vehicle Emissions

(a) Truck and Auto Traffic	EMFAC2021	Orange County (SC)	
(b) Location	SCAQMD	Garden Grove	
(c) Truck Mix			
Project Trip Generation Memo			
(e) Truck Idle time:	0	minutes (truck idling)	
(e.2) Total Dock Doors	0	How Many Modeled?	3 for LHDT, MHDT, and HHDT diesel trucks)
(f) Emission factors for	DPM	emissions	
(g) Emissions calculated for	2026	Calculated with 2025 emissions for conservative estimate.	

2) Refrigerated Land Uses

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

Land Use 1	0%	ASSUMPTION based on the % of building space devoted to cold storage	
	0		0
TRU Onsite Operating Time	**0**	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

Land Use 1- Residential	61,297	100%
- -	0	0%
Total	61,297	100%

4) Emission Source Configuration

1) Vehicle traffic represented by a line source
2) Onsite idling represented as a series of point sources to accommodate the effects of building downwash

5) Venicle Trip Lengths

Onsite Travel Links

	Travel Distance (m)	Trip Distance (mi)	% of Truck Travel
Onsite 1: Onsite route	45	0.027961704	100%

Off site Travel Links (Construction Run)

	Travel Distance (m)	Travel Distance (mi)	% of Truck Travel
Offsite 1: East on Coast St > W on Garden Grove Blvd > S Beach Blvd > I- 22	994.5	0.617953651	100%

*analyzed as two lanes to be conservative

6) Other Input Parameters

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

24-073 Coast St Garden Grove Apartments

Construction DPM Emissions
Data Source: CalEEMod Project Output

Work Schedule	**8**	**hrs/day**	**5**	**days per week**	
Onsite DPM Construction Emissionsss	acres: 0.54		23522.49409 SF		
			Building Area:		
Size of the Construction Area:	2,185 m2		61,297.000 SF		
Unit Emission Rate:	0.000457601	g/m2-sec	unmitigated		0.28

Activity	Start Date	End Date	Daily Max Onsite PM10E DPM Emissions lb/day	Work Days days	DPM Emissions (lbs)	DPM Emissions (tons)	
Site Preparation	7/16/2025	7/17/2025	**0.3540**	**1**	0.35	0.000177	These numbers have been updated per Chapman PM10E CalEEMod. Please review where they come from <----- everything looks
Grading	7/18/2025	7/20/2025	**0.7883**	**2**	1.58	0.000788	
Building Construction	7/21/2025	12/8/2025	**0.3114**	**100**	31.14	0.015569	
Paving	12/9/2025	12/16/2025	**0.2308**	**5**	1.15	0.000577	
Architectural Coating	12/17/2025	12/30/2025	**0.0366**	**10**	0.37	0.000183	
			1.7211	118	34.588	0.293	

Year	Annual DPM Emissions (tons/year)	# Construction Work Days	Average Daily DPM Emissions lbs	Average Hourly DPM Emissions (g/sec)	Average Hourly DPM Area Emission (g/m2-sec)		g/sec	g/m2-sec
2025	0.017294	118	0.2931	0.0015	7.042E-07	→	**1.5E-03**	**7.04E-07**
					0.002			

Offsite DPM Construction Emissionsss

Activity	Start Date	End Date	Work Days	Daily Max Onsite PM10E Offsite DPM Haul Truck (lb/day)	Offsite DPM Haul Truck (pounds)	Offsite DPM Haul Truck tons	Daily Max Onsite PM10E Offsite DPM Vendor Truck (lb/day)	Offsite DPM Vendor Truck (pounds)	Offsite DPM Vendor Trucks (tons)	Daily Max Onsite PM10E Offsite DPM Worker Vehicles (lb/day)	Offsite DPM Worker Vehicles (pounds)	Offsite DPM Worker Vehicles (tons)		
Site Preparation	7/16/2025	7/17/2025	1	0.0000	0	0	0.0000	0	0	0.0000	0	0	**0.0000**	These numbers have been updated per Chapman PM10E CalEEMod. Please review where they come from <-----
Grading	7/18/2025	7/20/2025	2	0.0000	0	0	0.0000	0	0	0.0000	0	0	**0.0000**	
Building Construction	7/21/2025	12/8/2025	100	0.0000	0	0	0.0008	0.08	0.00004	0.0000	0	0	**0.0008**	
Paving	12/9/2025	12/16/2025	5	0.0000	0	0	0.0000	0	0	0.0000	0	0	**0.0000**	
Architectural Coating	12/17/2025	12/30/2025	10	0.0000	0	0	0.0000	0	0	0.0000	0	0	**0.0000**	
			118	0.0000	0.0000	0.0000	0.0008	0.0800	0.0000	0.0000	0.0000	0.0000		

Offsite DPM Emissions (at the CalEEMOd Default Trip Distances)

Year	# of Construction Days	Haul Trucks AnnualEmissions (tons/year)	Haul Trucks Average Daily (lb/day)	Haul Trucks Average Hourly (lb/hr)	Haul Trucks Average Hourly (g/sec)	Vendor Trucks AnnualEmissions (tons/year)	Vendor Trucks Average Daily (lb/day)	Vendor Trucks Average Hourly (lb/hr)	Vendor Trucks Average Hourly (g/sec)	Worker Vehicles Annual Emissions (tons/year)	Worker Vehicles Average Daily (lb/day)	Worker Vehicles Average Hourly (lb/hr)	Worker Vehicles Average Hourly (g/sec)	
2025	118	0	0	0	0	0.00004	0.0006779 66	8.47458E-05	1.06874E-05	0	0	0	0	#REF!

CalEEMod Construction Vehicle Trip Length

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

Onsite Travel Links

	Travel Distance (m)	Trip Distance (mi)	% of Truck Travel
Onsite 1: Onsite route	45	0.027961704	100%

Off site Travel Links (Operational Run)

	Travel Distance (m)	Travel Distance (mi)	% of Truck Travel
Offsite 1: East on Coast St > W on Garden Grove Blvd > S Beach Blvd > I- 22	994.5	0.617953651	100%

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)	0.000E+00	1.069E-05	0.000E+00			
Onsite 1: Onsite route	0.000E+00	2.930E-08	0.000E+00	2.930E-08	2.323E-07	1.859E-06
2025 (Scaled for Distance and Distribution)						
Offsite 1: East on Coast St > W on Garden Grove Blvd > S Beach Blvd > I- 22	0.000E+00	6.475E-07	0.000E+00	6.475E-07	5.134E-06	4.107E-05
0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
-	-	-	-	-	-	-

Hauling has no 2026

Weighted Average Emissions	
Route 1	6.475E-07 g/sec
Route 2	0.000E+00 g/sec
Route 3	0.000E+00 g/sec
Onsite	2.930E-08 g/sec

Activity	Work Days	On-Site Maximum Daily DPM Emissions[1] (pounds/day)	Off-Site Maximum Daily DPM Emissions[1] (pounds/day)	Total Average Daily Construction Emissions (pounds/day)
	2025			
Site Preparation	1	0.35	0.0000	
Grading	2	0.79	0.0000	
Building Construction	100	0.31	0.0008	
Paving	5	0.23	0.0000	
Architectural Coating	10	0.04	0.0000	
	Average Daily Construction Emissions 2025	0.79	0.0008	**0.79**
			2025 Maximum Daily Construction Emissions (pounds/day)	**0.79**

24-073 Coast St Garden Grove Apartments

Annual DPM Concentrations at Maximum Impacted Sensitive and Worker Receptor

Onsite Unit Emission Source Rate

Size of Construction Area	2,185	m2
Unit EmissionRate:	0.000457601	g/m2-sec

Inputs:

Actual Onsite Emission Source

Year	**Average Hourly Emission Rate (g/m2-sec)**	**Weighted Avg (g/m2-sec)**	
2025	7.04186E-07	**Area Source:**	**g/sec**
		7.04E-07	1.54E-03

Offsite Unit Emission Source:

	Average Hourly Emission Rate (g/sec)	Line Sources (g/sec)	
Onsite		2.92978E-08	g/sec
Offsite 1: East on Coast St > W on Garden Grove Blvd > S Beach Blvd > I- 22		6.47481E-07	g/sec
0		0	g/sec
0		0	g/sec

Results:

Max=School	0.11
Max=Residential	0.08
Max^	0.11
Max=Worker	0.006

Note:
(1) Based on a unit emission rate

5mph

APPENDIX D – ESTIMATION OF CONSTRUCTION HEALTH RISK

Coast St Con HRA

Exposure Durations During Construction

	Start	End	Days	% Year	
Calendar Construction Days	7/1/2025	12/30/2025	182	0.50	
3rd Trimester (2025)	7/16/2025	10/14/2025	90	0.25	
0-1 year (2025)	10/15/2025	12/30/2025	76	0.21	
				0.45	0.20
					5.457534

Coast St Con HRA **Unmitigated**

Updated 5.30.2025

Annual DPM Concentrations at Maximum Impacted Sensitive and Worker Receptor

Onsite Unit Emission Source Rate

Size of Construction Area	61,297	m2
Unit EmissionRate:	1.6314E-05	g/m2-sec

Inputs:

Actual Onsite Emission Source

Year	**Average Hourly Emission Rate (g/m2-sec)**	**Weighted Avg (g/m2-sec)**	
2025	4.54939E-07	**Area Source:**	**g/sec**
		4.39E-07	4.11E-02

Offsite Unit Emission Source:

Year	**Average Hourly Emission Rate (g/sec)**		New 60mi Inputs (g/sec)	
		Onsite	5.50E-08	g/sec
		Offsite 1: East on Coast St > W on Garden Grove Blvd > S Beach Blvd > Intersection	2.04948E-06	g/sec
				g/sec
				g/sec

Results:

Max School=	0.0052
Max Residential=	0.04091
Max Sensitive Receptor=	0.04091
Max Worker=	0.1267

Health Risk Totals:

Receptor	**Cancer Risk (per million)**		**Exceeds Significance Threshold?**
	Maximum Lifetime Proposed Project Risk	**Significance Threshold**	
Maximum Impacted Sensitive Receptor – Infant to Adult (30 years)	1.39	10	No
Maximum Impacted Sensitive Receptor – Adult	0.05	10	No
Maximum Impacted Worker Receptor	0.14	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)	0.008	1	No
Maximum Impacted Sensitive Receptor – Adult	0.008	1	No
Maximum Impacted Worker Receptor	0.025340	1	No

Coast St Con HRA No Mitigation

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance	**Residential**	**30-year Exposure**	**Total Cancer risk**	**HI**
			1.3913	0.0082

Maximum Period DPM Concentration **4.09E-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)**	**TAH (%)**	**ASF**	**Operational Risk (risk/million)**
3rd Trimester	2025	0.04091	1.1	361	0.25	250	25550	1.00	10	0.391948
1	2025	0.04091	1.1	1,090	0.21	250	25550	1.00	10	0.999352

Coast St Con HRA No Mitigation

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance	**Residential**	**30-year Exposure**	**Adult**	**Total Cancer risk**
				0.048973

Maximum Period DPM Concentration **0.04091** ug/m3

Year	**Year**	**Maximum DPM (ug/m3)**	**CPF (mg/kg-day)^-1**	**DBR (l/kg-day)**	**ED (years)**	**EF (days)**	**AT (years)**	**TAH (%)**	**ASF**	**Operational Risk (risk/million)**
1	2025	0.04091	1.1	335	0.45	250	25550	0.73	1	0.05

Coast St Con HRA No Mitigation

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance	**Worker**	**25-year Exposure**						**Total Cancer risk**	
								0.14	0.025

Maximum Period DPM Concentration **0.1267** 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	0.12670	1.1	230	0.45	250	25550	1	0.14