Health Risk Assessment

Torrance Townhomes

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Prepared for

City of TORRANCE California

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1 INTRODUCTION

This Construction Health Risk Assessment (HRA) evaluates the potential impacts of the proposed Torrance Townhomes (proposed Project) within the City of Torrance. The Project site consists of three parcels (Assessor's Parcel Numbers [APNs] 7355-032-010, -11, and -12) and is located at the following addresses: 21171, 21151, and 21221 S Western Avenue. Regional access to the Project site is provided by Interstate 110 (I-110). Local access to the site is provided via Torrance Boulevard, S Western Avenue, and W 213th Street. The Project site is located in the eastern portion of the City, bordered to the west by Bow Avenue, to the south by 213th Street, to the east by State Route 213 (SR 213) (Western Avenue), and to the north by Torrance Boulevard. The Project site and the surrounding area are shown in Figure 1, *Project Aerial*.

The Project site encompasses approximately 7.82 acres and is currently developed with three office buildings totaling 145,420 square feet (SF). The Project proposes to demolish the three existing office buildings and redevelop the site with residential development. The residential units would be developed within two sub-areas: Lot A would be developed with 98 four-story townhome units, and Lot B would feature 237 multifamily units within a six-story building. The Project would result in a net density of 42.8 dwelling units per acre (du/ac). The Project also proposes an internal access drive, a subterranean parking garage, drive aisles with guest parking, a recreational common space areas for resident use, ornamental landscaping, and additional stormwater and utility improvements to accommodate proposed residences. The proposed Project is illustrated in Figure 2, *Conceptual Site Plan*.

The Project site is located in the South Coast Air Basin (SCAB), which is within the jurisdiction of the South Coast Air Quality Management District (SCAQMD). This HRA does not take credit from the existing uses on the site, and therefore provides a conservative analysis for the Project.

Figure 1: Project Aerial



Legend

Project Boundary

0 150 300
US Feet

N

Figure 2: Conceptual Site Plan



N

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1.1 Access and Parking

Access to the site would be provided via two proposed driveway entrances: one 43-foot-wide driveway on Torrance Boulevard that would allow right-turn ingress only from Torrance Boulevard and one 69-foot-wide driveway on S Western Avenue that would allow for right-in and right-out turns.

Access to townhome units on Lot A would be provided by 24- and 30-foot-wide drive aisles, which would provide residents and guests with access to visitor spaces and residential garages. Lot A would include 284 garage parking spaces and 19 guest parking spaces via street parking for a total of 303 parking spaces.

Access to the multi-family building on Lot B would be provided by a driveway on the north end of the parking structure. Within Lot B, a total of 371 parking spaces would be provided in two levels of parking.

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 on surrounding land uses from the residential Project's construction on a day-to-day basis. DPM has been identified by the California Air Resources Board (CARB) as a carcinogenic substance responsible for nearly 70 percent 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 United States Environmental Protection Agency (USEPA) AMS/UEPA 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 Project construction would not result in a cancer health risk that exceeds 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 hazard index (HI) threshold. The Project's maximum construction health risk results are summarized below:

- Sensitive/residential receptor for the lifetime exposure duration: 7.48 in one million
- Worker receptor: 0.23 in one million
- Sensitive receptor chronic non-cancer HI: 0.02
- Worker receptor chronic non-cancer HI: 0.02

As the Project construction would not exceed the SCAQMD significance thresholds, the construction of the proposed Project would result in a less-than-significant project-level and cumulative-level impact for cancer and non-cancer health risk. No mitigation would be required.

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 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, n.d.)*.

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 CARB has identified as the principal airborne carcinogenic substance in California. For purposes of this HRA, DPM was assumed to be comprised of PM_{10} vehicle exhaust emissions.

2.1 SCAQMD Significance Thresholds

Project-Level

The City of Torrance 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: 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 SCAB 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. Cumulative impact thresholds derive from this study, since the Project site is within the MATES-V Study area. The MATES-V Study estimates the cumulative TAC-source cancer risk for the localized area encompassing the Project site ranges from 300 to 400 in one million. DPM-source cancer risks are reflected in the area's ambient cumulative cancer risk along with all other TAC-source risks and account for the predominance (68 percent) of the total risk. A cancer risk upper limit of 400 in a million was assumed to comprise the impact from existing TAC emission sources in the region without the impacts from the Project.

The TAC emissions inventory used in the MATES-V study to estimate health impacts was representative of emissions for the year 2018. In addition to the MATES-V cumulative TAC-source cancer risk noted above, other new or proposed potential TAC-generating projects (related projects) in the Project area not included in the MATES V study could contribute to cumulative TAC impacts. The SCAQMD has published a white paper on addressing cumulative impacts from air pollution (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 (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.

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 1.13 years (approximately 13 months), 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 1.13 years.

Thus, for the purpose of this HRA, the exposure duration for sensitive/residential receptors' lifetime cancer risk was assumed to analyze a daily construction duration of eight hours, five days a week, as a reasonable assumption for the site's construction operation hours and was assumed to span the duration of a third trimester pre-birth in 2028 (the Project's starting year of construction) through 2030, when the Project's

construction would 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 Construction 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)
	Hours/Day	Days/Year				
Sensitive/Residential Receptor – Pre-birth to Adult (30-year duration)						
3rd Trimester to Birth	8	250	0.25	10	0.85	361
0 to 2 years	8	250	0.88	10	0.85	1,090
2 to 16 years	8	250		3	0.72	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	0.85	361
0 to 2 years	8	250	0.88	10	0.85	1,090
2 to 9 years	8	250		3	0.73	861
Sensitive Receptor/Residential Receptor – Adult (30-year duration)						
17 years and older	8	250	1.13	1	0.73	335
Worker Receptor (25-years duration)						
17 years and older	8	250	1.13	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: SCAQMD Rule 1401

Chronic Non-Cancer Hazard

TACs can also cause chronic (long-term) effects on non-cancer illnesses such as reproductive effects, birth defects, or adverse environmental effects. Non-cancer health risks are conveyed in terms of the HI. A ratio of the predicted concentration of the facility's reported TAC emissions to a concentration is considered acceptable to public health professionals. A significant risk is defined as an HI of 1.0 or greater. An HI of less than 1 indicates that no significant health risks are expected from the facility's TAC emissions. The following equation gives the relationship for the non-cancer hazards for TACs:

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

Where:

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

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

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

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

2.3 Estimation of Project DPM Emissions

Construction DPM Emissions

Construction emissions were calculated using the latest 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 from the construction of the Project would derive from the heavy-duty diesel trucks that travel to, from, and within the Project site each day, as well as the off-road construction equipment used during the six construction phases: demolition, site preparation, trenching, 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. Table 3, *Proposed Project Construction Equipment Inventory,* presents the Project's proposed CalEEMod default construction equipment. Table 4,

Proposed Construction Vehicle Use, shows the proposed construction vehicle use for worker, vendor, and hauling trips. Table 5, *Project On-Site and Off-Site Construction Source DPM Daily Emissions,* depicts the maximum daily on-site and off-site DPM emissions during the Project's construction. The maximum daily on-site and off-site DPM emissions that would be emitted during the construction of the Project would be during the site preparation phase on-site, with a maximum on-site emission of 1.44 pounds per day, and the demolition phase off-site, with a maximum off-site emission of 0.15 pounds per day, in the 2029 construction year. Figure 3, *Locations of the Project's Construction On-Site and Off-Site DPM Emission Sources,* provides the locations of the on-site and off-site construction DPM emission sources.

Table 2: Construction Schedule

Activity	Start Date	End Date	Total Working Days
Demolition	12/1/2028	1/18/2029	35
Site Preparation	1/22/2029	2/2/2029	10
Grading	2/5/2029	3/2/2029	20
Building Construction	3/5/2029	1/18/2030	230
Paving	3/5/2029	3/30/2029	20
Architectural Coating	7/3/2029	1/17/2030	143

Source: See CalEEMod Output in Appendix A.

Table 3: Proposed Project Construction Equipment Inventory

Activity	Days of Construction	Equipment	Number	Hours per day	Horse-power	Load Factor
Demolition	35	Rubber Tired Dozers	2	8	367	0.40
		Excavators	3	8	36	0.38
		Concrete/Industrial Saws	1	8	33	0.73
Site Preparation	10	Rubber Tired Dozers	3	8	367	0.40
		Crawler Tractors	4	8	87	0.43
Grading	20	Graders	1	8	148	0.41
		Excavators	1	8	36	0.38
		Rubber Tired Dozers	1	8	367	0.40
		Crawler Tractors	3	8	87	0.43
		Rubber Tired Loaders	2	8	150	0.36
Building Construction	230	Forklifts	3	8	82	0.2
		Generator Sets	1	8	14	0.74
		Cranes	1	8	367	0.29
		Welders	1	8	46	0.45
		Tractors/Loaders/Backhoes	3	8	84	0.37
Paving	20	Pavers	2	8	81	0.42
		Paving Equipment	2	8	89	0.36
		Rollers	2	8	36	0.38
Architectural Coating	143	Air Compressors	1	8	37	0.48

Source: See CalEEMod Output in Appendix A.

Table 4: Proposed Construction Vehicle Use

Activity	Daily Worker One-Way Trips	Daily Vendor One-Way Trips	Daily Haul Trips
Demolition	15	0	165
Site Preparation	18	0	0
Grading	20	0	63
Building Construction	281	51	0
Paving	15	0	0
Architectural Coating	56	0	0

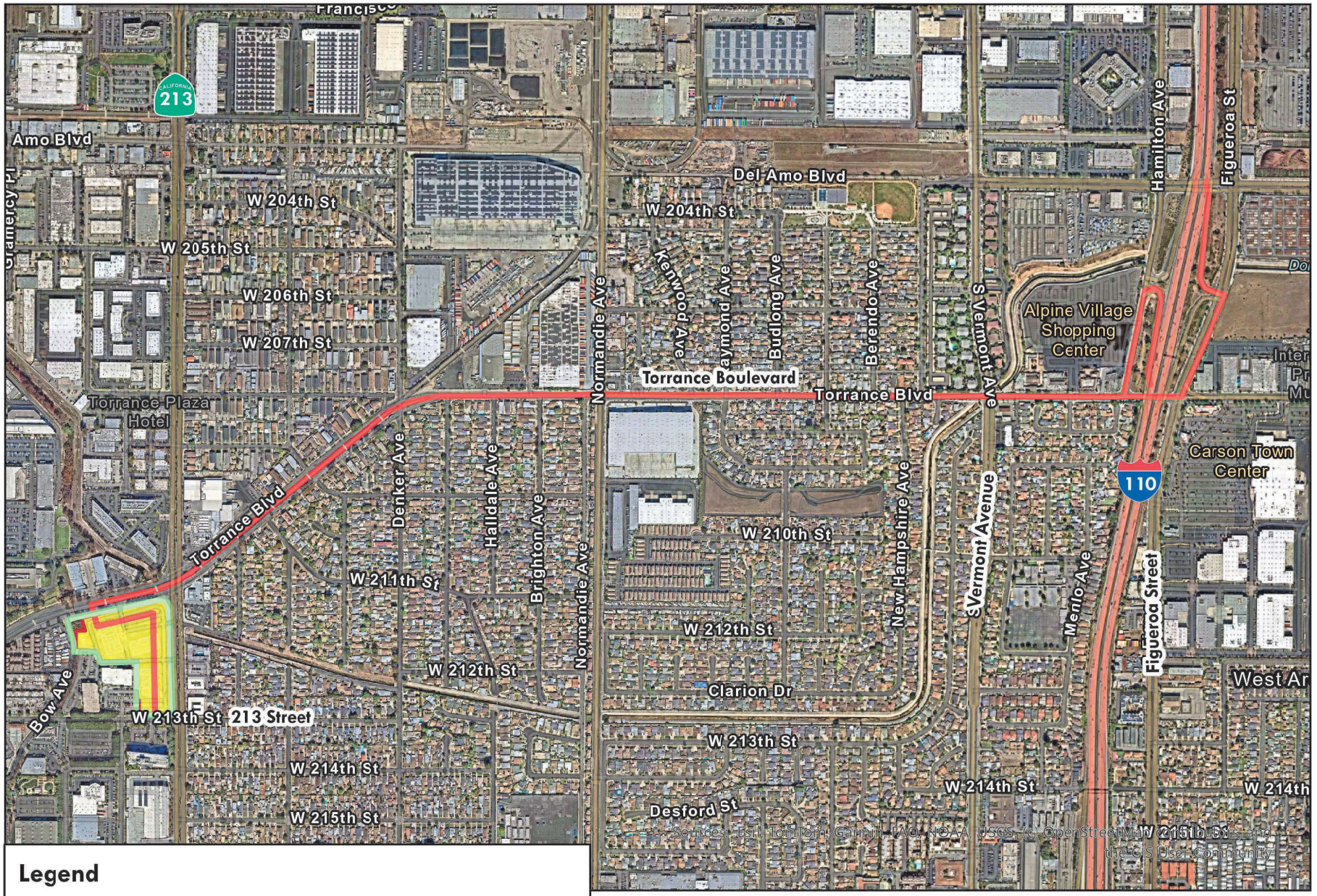
Source: See CalEEMod Output in Appendix A.

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)	Maximum Daily Construction Emissions (pounds/day)
2028				
Demolition	20	0.78	0.15	
Maximum Daily Construction Emissions 2028		**0.78**	**0.15**	**0.93**
2029				
Demolition	15	0.74	0.15	
Site Preparation	10	1.44	<0.01	
Grading	20	0.88	0.06	
Building Construction and Paving	20	0.54	0.01	
Building Construction	68	0.30	0.01	
Building Construction and Architectural Coating	127	0.32	0.01	
Maximum Daily Construction Emissions 2029		**1.44**	**0.15**	**1.59**
2030				
Building Construction and Architectural Coating	15	0.30	0.01	
Maximum Daily Construction Emissions 2030		**0.30**	**0.01**	**0.31**
2028-2030 Maximum Daily Construction Emissions (pounds/day)				**1.59**

Source: See Estimation of Project Construction DPM Emissions data attachment in Appendix C.

Figure 3: On-Site and Off-Site DPM Emission Sources



2.4 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 Configurations,* provide the general assumptions applied in the AERMOD model (Version 23132). The AERMOD output sheets can be found in Appendix B for construction, respectively.

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: USGS_NED_13_n34w119.tif.
Land Use	Urban – Based on land use patterns surrounding the Project site.
Meteorological Data	The Hawthorne Municipal Airport Station was used for the available years of 2012, 2014, 2015, and 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. Receptors were placed at ground level.

Source: See AERMOD Construction Model Output in Appendix B.

Table 7: Summary of Construction Emissions Source Configurations

Emission Source Type	Geometric Configuration	Relevant Assumptions
Construction Sources	Polygon Area Source	• Size of the construction area source was the size of the Project area to be constructed (7.82 acres or 31,647 m^2). • Off-site improvements emissions during the Trenching phase were included in the on-site area source emissions from the Project site, to provide a conservative analysis. See Appendix A and C for calculations. • 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.
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). • Equipment/Vehicle types: see Table 3, *Proposed Project Construction Equipment Inventory*. • The assumed off-site routes used are as follows: ○ Route 1: *To/from* Southernmost Project Site point *to/from* Torrance Boulevard Driveway *to/from* Torrance Boulevard *to/from* SR-110 Interchange Junction – 100% ○ Route 2: *To/from* SR-110 Interchange *to/from* southbound on SR-110– 50% ○ Route 3: *To/from* SR-110 Interchange *to/from* northbound on SR-110– 50% • Construction operation: Assumed 8 hours per day, 5 days a week.

Source: See AERMOD Construction Model Output and Estimation of Project Construction DPM Emissions in Appendix B and C.

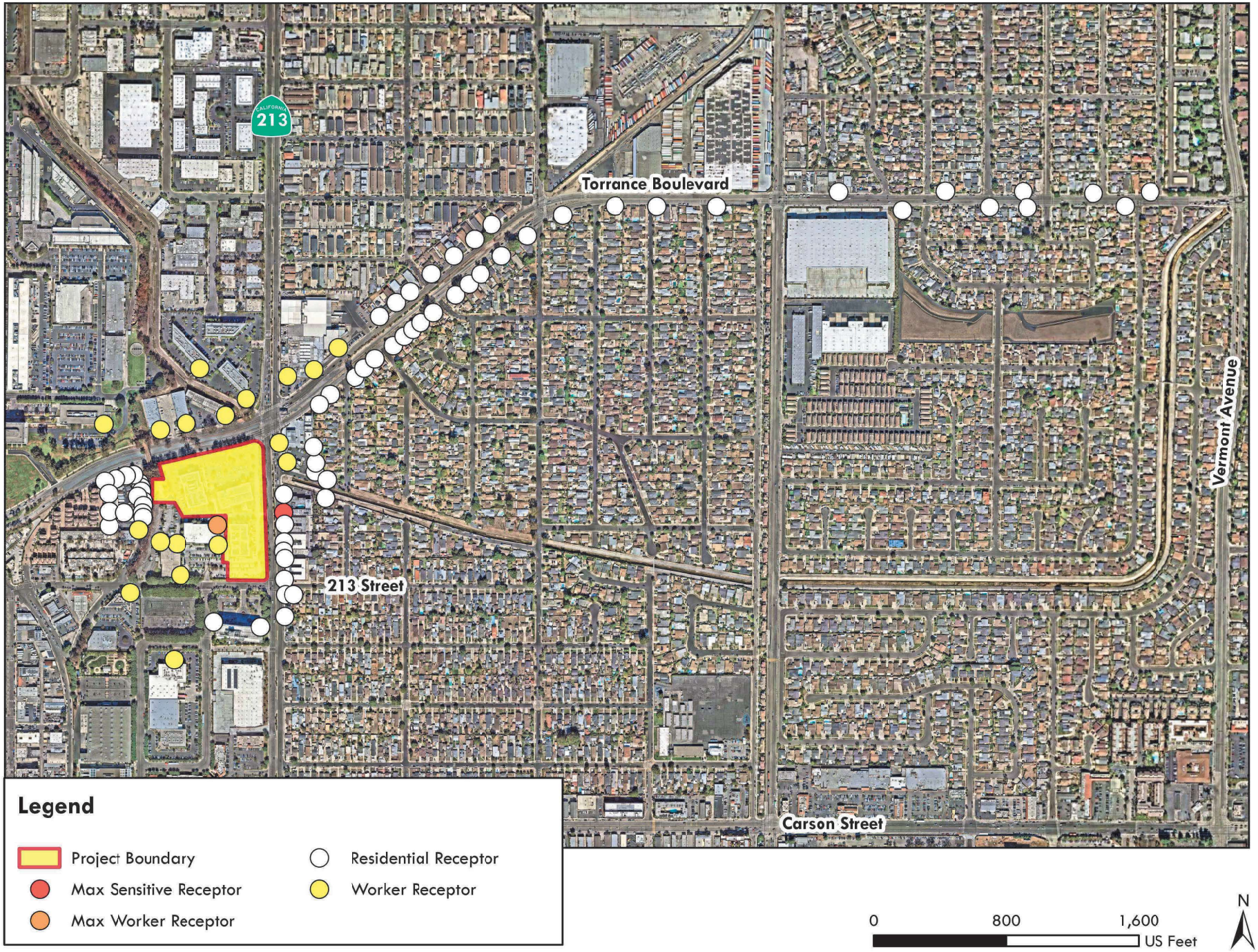
2.5 Receptors

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 Project site is surrounded by urban development including office buildings to the north, commercial buildings and apartment complexes to the east, single-family residences to the southeast, a hotel to the south, and a commercial center and mobile home park to the west. Residences adjacent to the Project site were

found to be, at minimum, approximately 19.8 meters (61 feet) west of the Project boundary line. However, the maximally impacted sensitive receptor for this analysis was determined to be a different residence located 35 meters (115 feet) east of the Project site's easternmost boundary, at a multi-family apartment complex located at 21210 S Western Avenue. The nearest worker receptor would be located at the office buildings remaining on-site, which are determined to be a minimum of approximately 10.1 meters (33 feet) west and south of the Project's southern boundary line. This worker receptor was also found to be the maximally impacted worker receptor. Figure 4, *Locations of Air Dispersion Model Receptors*, shows the receptor locations included in the HRA and highlights the nearest, maximum impacted sensitive receptors and worker receptors.

Figure 4: Locations of Air Dispersion Model Receptors



3 RESULTS OF THE HEALTH RISK ASSESSMENT

3.1 Project-Level Risk Results

Tables 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 7.48 in one million for the maximally impacted sensitive/residential receptor, which is below the threshold of 10 in one million. The estimated maximum cancer risk for worker receptors during construction is 0.23 in one million, which is also below the SCAQMD threshold of significance of 10 in one million. In addition, the Project's maximum estimated construction results for non-cancer health risk are 0.02 for the maximum impacted sensitive receptor, which is below the significance threshold of 1.0.

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

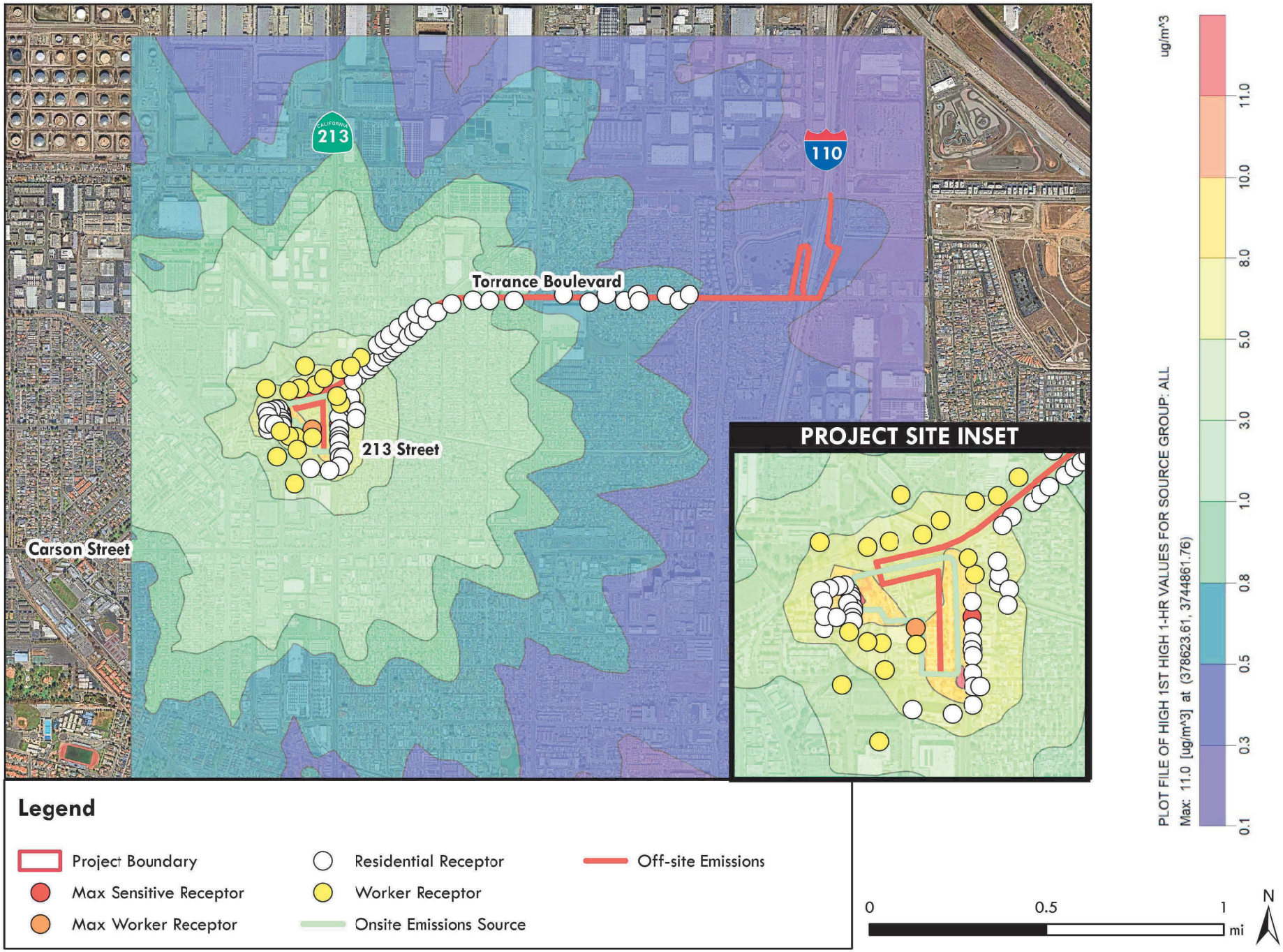
Table 8: Summary of Proposed Project Construction Health Risk

Receptor	Cancer Risk (per million)		Exceeds Significance Threshold?
	Maximum Lifetime Proposed Project Risk	Significance Threshold	
Maximum Impacted Sensitive Receptor – Infant to Adult (1.13 years)	7.48	10	No
Maximum Impacted Sensitive Receptor – Adult (1.13 years)	0.23	10	No
Maximum Impacted Worker Receptor (1.13 years)	0.23	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 (1.13 years)	0.02	1.0	No
Maximum Impacted Sensitive Receptor – Adult (1.13 years)	0.02	1.0	No
Maximum Impacted Worker Receptor (1.13 years)	0.02	1.0	No

Source: See Estimation of Construction Health Risk data attachment in Appendix D.

The SCAB has a nonattainment status, meaning the SCAB does not meet national air quality standards for certain criteria pollutants. Project-specific thresholds were established at levels intended to reduce cumulative health risk impacts. Therefore, project-specific thresholds are the same as cumulative thresholds. Since the Project would not exceed project-level thresholds, it would also have a less-than-significant cumulative for cancer and non-cancer health risks.

Figure 5: Construction Model Output



4 CONCLUSION

The Project's maximum construction health risk results are summarized below:

- Sensitive/residential receptor for the lifetime exposure duration: 7.48 in one million
- Worker receptor: 0.23 in one million
- Sensitive receptor chronic non-cancer HI: 0.02
- 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 and cumulative-level impact for cancer and non-cancer health risk. No mitigation would be required.

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APPENDIX A – CALEEMOD OUTPUT FOR PROJECT CONSTRUCTION

25-033 Torrance Townhomes PM10E Detailed Report

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1.1. Basic Project Information

Data Field	Value
Project Name	25-033 Torrance Townhomes PM10E
Construction Start Date	12/1/2028
Operational Year	2029
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.5
Precipitation (days)	17
Location	21171 S Western Ave, Torrance, CA 90501, USA
County	Los Angeles-South Coast
City	Torrance
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	4660
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.35

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
Condo/Townhouse	98	Dwelling Unit	3.6	284,942	71,872	—	290	—

Apartments Mid Rise	237	Dwelling Unit	2.6	441,561	52,652	—	702	—
Parking Lot	19	Space	0.17	0.00	0.00	—	—	—
Enclosed Parking with Elevator	237	Space	0.00	94,800	0.00	—	—	—
Other Asphalt Surfaces	1.3	Acre	1.3	0.00	0.00	—	—	—
Recreational Swimming Pool	0.70	1000sqft	0.14	562	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Unmit.	34	13	34	0.04	0.33	5.2	1.5	8,772
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Unmit.	34	33	38	0.11	1.4	14	4.1	14,913
Average Daily (Max)	—	—	—	—	—	—	—	—
Unmit.	13	11	22	0.03	0.32	3.8	1.2	6,113
Annual (Max)	—	—	—	—	—	—	—	—
Unmit.	2.4	2.0	4.0	0.01	0.06	0.70	0.21	1,012
Exceeds (Daily Max)	—	—	—	—	—	—	—	—
Threshold	75	100	550	150	—	150	55	—

Unmit.	No	No	No	No	—	No	No	—
Exceeds (Average Daily)	—	—	—	—	—	—	—	—
Threshold	75	100	550	150	—	150	55	—
Unmit.	No	No	No	No	—	No	No	—

2.2. Construction Emissions by Year, Unmitigated

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

Year	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—
2029	34	13	34	0.04	0.33	5.2	1.5	8,772
Daily - Winter (Max)	—	—	—	—	—	—	—	—
2028	2.4	33	24	0.11	0.92	14	3.2	14,913
2029	34	31	38	0.11	1.4	14	4.1	14,631
2030	34	13	30	0.04	0.31	5.2	1.4	8,421
Average Daily	—	—	—	—	—	—	—	—
2028	0.15	2.0	1.5	0.01	0.06	0.82	0.19	905
2029	13	11	22	0.03	0.32	3.8	1.2	6,113
2030	1.1	0.44	1.1	< 0.005	0.01	0.18	0.05	297
Annual	—	—	—	—	—	—	—	—
2028	0.03	0.36	0.27	< 0.005	0.01	0.15	0.04	150
2029	2.4	2.0	4.0	0.01	0.06	0.70	0.21	1,012
2030	0.21	0.08	0.20	< 0.005	< 0.005	0.03	0.01	49

2.4. Operations Emissions Compared Against Thresholds

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

Un/Mit.	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—
Unmit.	25	5.6	74	0.14	0.19	13	3.4	17,330
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Unmit.	23	5.7	47	0.13	0.18	13	3.4	16,692
Average Daily (Max)	—	—	—	—	—	—	—	—
Unmit.	24	5.6	60	0.12	0.18	12	3.1	15,851
Annual (Max)	—	—	—	—	—	—	—	—
Unmit.	4.3	1.0	11	0.02	0.03	2.1	0.56	2,624
Exceeds (Daily Max)	—	—	—	—	—	—	—	—
Threshold	55	55	550	150	—	150	55	3,000
Unmit.	No	No	No	No	—	No	No	Yes
Exceeds (Average Daily)	—	—	—	—	—	—	—	—
Threshold	55	55	550	150	—	150	55	3,000
Unmit.	No	No	No	No	—	No	No	Yes

2.5. Operations Emissions by Sector, Unmitigated

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

Sector	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Mobile	5.7	4.1	50	0.13	0.07	13	3.3	13,386
Area	19	0.21	23	< 0.005	0.02	0.02	0.01	68
Energy	0.07	1.3	0.54	0.01	0.10	0.10	0.10	3,201
Water	—	—	—	—	—	—	—	195
Waste	—	—	—	—	—	—	—	475
Refrig.	—	—	—	—	—	—	—	5.2

Total	25	5.6	74	0.14	0.19	13	3.4	17,330
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Mobile	5.6	4.5	46	0.12	0.07	13	3.3	12,816
Area	17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Energy	0.07	1.3	0.54	0.01	0.10	0.10	0.10	3,201
Water	—	—	—	—	—	—	—	195
Waste	—	—	—	—	—	—	—	475
Refrig.	—	—	—	—	—	—	—	5.2
Total	23	5.7	47	0.13	0.18	13	3.4	16,692
Average Daily	—	—	—	—	—	—	—	—
Mobile	5.1	4.2	44	0.11	0.07	11	3.0	11,928
Area	18	0.15	16	< 0.005	0.01	0.01	0.01	47
Energy	0.07	1.3	0.54	0.01	0.10	0.10	0.10	3,201
Water	—	—	—	—	—	—	—	195
Waste	—	—	—	—	—	—	—	475
Refrig.	—	—	—	—	—	—	—	5.2
Total	24	5.6	60	0.12	0.18	12	3.1	15,851
Annual	—	—	—	—	—	—	—	—
Mobile	0.94	0.76	8.0	0.02	0.01	2.1	0.54	1,975
Area	3.4	0.03	2.9	< 0.005	< 0.005	< 0.005	< 0.005	7.7
Energy	0.01	0.23	0.10	< 0.005	0.02	0.02	0.02	530
Water	—	—	—	—	—	—	—	32
Waste	—	—	—	—	—	—	—	79
Refrig.	—	—	—	—	—	—	—	0.86
Total	4.3	1.0	11	0.02	0.03	2.1	0.56	2,624

3. Construction Emissions Details

3.1. Demolition (2028) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Off-Road Equipment	2.2	20	19	0.03	0.78	0.78	0.71	3,440
Demolition	—	—	—	—	—	9.4	1.4	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	1.2	1.1	< 0.005	0.05	0.05	0.04	209
Demolition	—	—	—	—	—	0.57	0.09	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.22	0.21	< 0.005	0.01	0.01	0.01	35
Demolition	—	—	—	—	—	0.10	0.02	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Worker	0.05	0.06	0.72	0.00	0.00	0.20	0.05	188
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.16	13	5.1	0.08	0.15	3.2	0.98	11,285
Average Daily	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.05	0.00	0.00	0.01	< 0.005	12

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	0.81	0.31	< 0.005	0.01	0.19	0.06	685
Annual	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	1.9
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.15	0.06	< 0.005	< 0.005	0.04	0.01	113

3.3. Demolition (2029) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Off-Road Equipment	2.1	19	18	0.03	0.74	0.74	0.68	3,439
Demolition	—	—	—	—	—	9.4	1.4	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.65	0.65	< 0.005	0.03	0.03	0.02	121
Demolition	—	—	—	—	—	0.33	0.05	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.12	0.12	< 0.005	< 0.005	< 0.005	< 0.005	20
Demolition	—	—	—	—	—	0.06	0.01	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.67	0.00	0.00	0.20	0.05	185
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.16	13	4.9	0.08	0.15	3.2	0.98	11,008
Average Daily	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	0.01	< 0.005	6.6
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	0.45	0.18	< 0.005	0.01	0.11	0.03	388
Annual	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	1.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.08	0.03	< 0.005	< 0.005	0.02	0.01	64

3.5. Site Preparation (2029) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Off-Road Equipment	3.5	30	30	0.05	1.4	1.4	1.3	5,551
Dust From Material Movement	—	—	—	—	—	5.7	2.7	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.82	0.82	< 0.005	0.04	0.04	0.04	152

Dust From Material Movement	—	—	—	—	—	0.16	0.07	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.15	0.15	< 0.005	0.01	0.01	0.01	25
Dust From Material Movement	—	—	—	—	—	0.03	0.01	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.78	0.00	0.00	0.23	0.05	215
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	0.01	< 0.005	6.0
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.99
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.7. Grading (2029) - Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Off-Road Equipment	2.2	18	25	0.04	0.88	0.88	0.81	4,154
Dust From Material Movement	—	—	—	—	—	2.3	0.94	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.98	1.4	< 0.005	0.05	0.05	0.04	228
Dust From Material Movement	—	—	—	—	—	0.12	0.05	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.18	0.25	< 0.005	0.01	0.01	0.01	38
Dust From Material Movement	—	—	—	—	—	0.02	0.01	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Worker	0.06	0.07	0.89	0.00	0.00	0.26	0.06	246
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.06	4.8	1.9	0.03	0.06	1.2	0.37	4,170
Average Daily	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.05	0.00	0.00	0.01	< 0.005	14
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.27	0.10	< 0.005	< 0.005	0.07	0.02	229

Annual	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	2.3
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	< 0.005	38

3.9. Building Construction (2029) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Off-Road Equipment	1.0	9.3	14	0.03	0.30	0.30	0.28	2,638
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Off-Road Equipment	1.0	9.3	14	0.03	0.30	0.30	0.28	2,638
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—
Off-Road Equipment	0.62	5.5	8.3	0.02	0.18	0.18	0.16	1,559
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	1.0	1.5	< 0.005	0.03	0.03	0.03	258
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Worker	0.92	0.84	15	0.00	0.00	3.7	0.86	3,658

Vendor	0.04	1.5	0.74	0.01	0.01	0.45	0.13	1,565
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Worker	0.91	0.96	13	0.00	0.00	3.7	0.86	3,463
Vendor	0.03	1.6	0.76	0.01	0.01	0.45	0.13	1,563
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—
Worker	0.54	0.57	7.8	0.00	0.00	2.1	0.50	2,078
Vendor	0.02	0.96	0.44	0.01	0.01	0.26	0.08	924
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—
Worker	0.10	0.10	1.4	0.00	0.00	0.39	0.09	344
Vendor	< 0.005	0.17	0.08	< 0.005	< 0.005	0.05	0.01	153
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Building Construction (2030) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Off-Road Equipment	1.0	9.1	14	0.03	0.28	0.28	0.26	2,638
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.32	0.49	< 0.005	0.01	0.01	0.01	93
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.06	0.09	< 0.005	< 0.005	< 0.005	< 0.005	15
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Worker	0.87	0.84	12	0.00	0.00	3.7	0.86	3,407
Vendor	0.03	1.5	0.73	0.01	0.01	0.45	0.13	1,515
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.44	0.00	0.00	0.13	0.03	122
Vendor	< 0.005	0.05	0.03	< 0.005	< 0.005	0.02	< 0.005	53
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.08	0.00	0.00	0.02	0.01	20
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	8.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.13. Paving (2029) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Off-Road Equipment	0.67	6.5	9.9	0.01	0.24	0.24	0.22	1,516

Paving	0.47	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.35	0.54	< 0.005	0.01	0.01	0.01	83
Paving	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.06	0.10	< 0.005	< 0.005	< 0.005	< 0.005	14
Paving	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.67	0.00	0.00	0.20	0.05	185
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.04	0.00	0.00	0.01	< 0.005	10
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	1.7
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.15. Architectural Coating (2029) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	1.1	1.5	< 0.005	0.02	0.02	0.02	179
Architectural Coatings	32	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	1.1	1.5	< 0.005	0.02	0.02	0.02	179
Architectural Coatings	32	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.38	0.53	< 0.005	0.01	0.01	0.01	64
Architectural Coatings	11	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.07	0.10	< 0.005	< 0.005	< 0.005	< 0.005	11
Architectural Coatings	2.1	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Worker	0.18	0.17	3.0	0.00	0.00	0.74	0.17	732

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Worker	0.18	0.19	2.5	0.00	0.00	0.74	0.17	693
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—
Worker	0.06	0.07	0.94	0.00	0.00	0.26	0.06	251
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.17	0.00	0.00	0.05	0.01	41
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.17. Architectural Coating (2030) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	1.0	1.5	< 0.005	0.01	0.01	0.01	179
Architectural Coatings	32	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—

Off-Road Equipment	< 0.005	0.03	0.05	< 0.005	< 0.005	< 0.005	< 0.005	5.9
Architectural Coatings	1.1	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	0.98
Architectural Coatings	0.19	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Worker	0.17	0.17	2.3	0.00	0.00	0.74	0.17	681
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.08	0.00	0.00	0.02	0.01	23
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	3.8
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Condo/Townhouse	2.5	1.8	22	0.06	0.03	5.6	1.4	5,933
Apartments Mid Rise	3.2	2.3	28	0.07	0.04	7.0	1.8	7,453
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Recreational Swimming Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	5.7	4.1	50	0.13	0.07	13	3.3	13,386
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Condo/Townhouse	2.5	2.0	21	0.05	0.03	5.6	1.4	5,681
Apartments Mid Rise	3.1	2.5	26	0.07	0.04	7.0	1.8	7,136
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Recreational Swimming Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	5.6	4.5	46	0.12	0.07	13	3.3	12,816
Annual	—	—	—	—	—	—	—	—
Condo/Townhouse	0.38	0.31	3.3	0.01	0.01	0.85	0.22	806
Apartments Mid Rise	0.55	0.45	4.7	0.01	0.01	1.2	0.32	1,168

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Recreational Swimming Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.94	0.76	8.0	0.02	0.01	2.1	0.54	1,975

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Condo/Townhouse	—	—	—	—	—	—	—	429
Apartments Mid Rise	—	—	—	—	—	—	—	829
Parking Lot	—	—	—	—	—	—	—	6.2
Enclosed Parking with Elevator	—	—	—	—	—	—	—	334
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00
Recreational Swimming Pool	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	1,598
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Condo/Townhouse	—	—	—	—	—	—	—	429
Apartments Mid Rise	—	—	—	—	—	—	—	829
Parking Lot	—	—	—	—	—	—	—	6.2

Enclosed Parking with Elevator	—	—	—	—	—	—	—	334
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00
Recreational Swimming Pool	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	1,598
Annual	—	—	—	—	—	—	—	—
Condo/Townhouse	—	—	—	—	—	—	—	71
Apartments Mid Rise	—	—	—	—	—	—	—	137
Parking Lot	—	—	—	—	—	—	—	1.0
Enclosed Parking with Elevator	—	—	—	—	—	—	—	55
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00
Recreational Swimming Pool	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	265

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Condo/Townhouse	0.03	0.59	0.25	< 0.005	0.05	0.05	0.05	757
Apartments Mid Rise	0.04	0.66	0.28	< 0.005	0.05	0.05	0.05	846
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Recreational Swimming Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.07	1.3	0.54	0.01	0.10	0.10	0.10	1,603
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Condo/Townhouse	0.03	0.59	0.25	< 0.005	0.05	0.05	0.05	757
Apartments Mid Rise	0.04	0.66	0.28	< 0.005	0.05	0.05	0.05	846
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Recreational Swimming Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.07	1.3	0.54	0.01	0.10	0.10	0.10	1,603
Annual	—	—	—	—	—	—	—	—
Condo/Townhouse	0.01	0.11	0.05	< 0.005	0.01	0.01	0.01	125
Apartments Mid Rise	0.01	0.12	0.05	< 0.005	0.01	0.01	0.01	140
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Recreational Swimming Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.01	0.23	0.10	< 0.005	0.02	0.02	0.02	265

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

Source	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	16	—	—	—	—	—	—	—
Architectural Coatings	1.3	—	—	—	—	—	—	—
Landscape Equipment	2.3	0.21	23	< 0.005	0.02	0.02	0.01	68
Total	19	0.21	23	< 0.005	0.02	0.02	0.01	68
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	16	—	—	—	—	—	—	—
Architectural Coatings	1.3	—	—	—	—	—	—	—
Total	17	0.00	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	0.00
Consumer Products	2.8	—	—	—	—	—	—	—
Architectural Coatings	0.23	—	—	—	—	—	—	—
Landscape Equipment	0.29	0.03	2.9	< 0.005	< 0.005	< 0.005	< 0.005	7.7
Total	3.4	0.03	2.9	< 0.005	< 0.005	< 0.005	< 0.005	7.7

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Condo/Townhouse	—	—	—	—	—	—	—	60
Apartments Mid Rise	—	—	—	—	—	—	—	135
Parking Lot	—	—	—	—	—	—	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00
Recreational Swimming Pool	—	—	—	—	—	—	—	0.61
Total	—	—	—	—	—	—	—	195
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Condo/Townhouse	—	—	—	—	—	—	—	60
Apartments Mid Rise	—	—	—	—	—	—	—	135
Parking Lot	—	—	—	—	—	—	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00
Recreational Swimming Pool	—	—	—	—	—	—	—	0.61
Total	—	—	—	—	—	—	—	195
Annual	—	—	—	—	—	—	—	—
Condo/Townhouse	—	—	—	—	—	—	—	9.9
Apartments Mid Rise	—	—	—	—	—	—	—	22
Parking Lot	—	—	—	—	—	—	—	0.00

Enclosed Parking with Elevator	—	—	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00
Recreational Swimming Pool	—	—	—	—	—	—	—	0.10
Total	—	—	—	—	—	—	—	32

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Condo/Townhouse	—	—	—	—	—	—	—	137
Apartments Mid Rise	—	—	—	—	—	—	—	331
Parking Lot	—	—	—	—	—	—	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00
Recreational Swimming Pool	—	—	—	—	—	—	—	7.5
Total	—	—	—	—	—	—	—	475
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Condo/Townhouse	—	—	—	—	—	—	—	137
Apartments Mid Rise	—	—	—	—	—	—	—	331
Parking Lot	—	—	—	—	—	—	—	0.00

Enclosed Parking with Elevator	—	—	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00
Recreational Swimming Pool	—	—	—	—	—	—	—	7.5
Total	—	—	—	—	—	—	—	475
Annual	—	—	—	—	—	—	—	—
Condo/Townhouse	—	—	—	—	—	—	—	23
Apartments Mid Rise	—	—	—	—	—	—	—	55
Parking Lot	—	—	—	—	—	—	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00
Recreational Swimming Pool	—	—	—	—	—	—	—	1.2
Total	—	—	—	—	—	—	—	79

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Condo/Townhouse	—	—	—	—	—	—	—	2.0
Apartments Mid Rise	—	—	—	—	—	—	—	3.2
Recreational Swimming Pool	—	—	—	—	—	—	—	< 0.005

Total	—	—	—	—	—	—	—	5.2
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Condo/Townhouse	—	—	—	—	—	—	—	2.0
Apartments Mid Rise	—	—	—	—	—	—	—	3.2
Recreational Swimming Pool	—	—	—	—	—	—	—	< 0.005
Total	—	—	—	—	—	—	—	5.2
Annual	—	—	—	—	—	—	—	—
Condo/Townhouse	—	—	—	—	—	—	—	0.34
Apartments Mid Rise	—	—	—	—	—	—	—	0.52
Recreational Swimming Pool	—	—	—	—	—	—	—	< 0.005
Total	—	—	—	—	—	—	—	0.86

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

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

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

Vegetation	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

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

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	12/1/2028	1/18/2029	5.0	35	—
Site Preparation	Site Preparation	1/22/2029	2/2/2029	5.0	10.0	—
Grading	Grading	2/5/2029	3/2/2029	5.0	20	—
Building Construction	Building Construction	3/5/2029	1/18/2030	5.0	230	—
Paving	Paving	3/5/2029	3/30/2029	5.0	20	—

Architectural Coating	Architectural Coating	7/3/2029	1/17/2030	5.0	143	—

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	Rubber Tired Dozers	Diesel	Average	2.0	8.0	367	0.40
Demolition	Excavators	Diesel	Average	3.0	8.0	36	0.38
Demolition	Concrete/Industrial Saws	Diesel	Average	1.00	8.0	33	0.73
Site Preparation	Rubber Tired Dozers	Diesel	Average	3.0	8.0	367	0.40
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	0.00	8.0	84	0.37
Site Preparation	Crawler Tractors	Diesel	Average	4.0	8.0	87	0.43
Grading	Graders	Diesel	Average	1.00	8.0	148	0.41
Grading	Excavators	Diesel	Average	1.00	8.0	36	0.38
Grading	Tractors/Loaders/Backhoes	Diesel	Average	0.00	8.0	84	0.37
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.0	367	0.40
Grading	Crawler Tractors	Diesel	Average	3.0	8.0	87	0.43
Grading	Rubber Tired Loaders	Diesel	Average	2.0	8.0	150	0.36
Building Construction	Forklifts	Diesel	Average	3.0	8.0	82	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.0	14	0.74
Building Construction	Cranes	Diesel	Average	1.00	8.0	367	0.29
Building Construction	Welders	Diesel	Average	1.00	8.0	46	0.45
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	3.0	8.0	84	0.37
Paving	Pavers	Diesel	Average	2.0	8.0	81	0.42
Paving	Paving Equipment	Diesel	Average	2.0	8.0	89	0.36
Paving	Rollers	Diesel	Average	2.0	8.0	36	0.38

Architectural Coating	Air Compressors	Diesel	Average	1.00	8.0	37	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	Worker	15	19	LDA,LDT1,LDT2
Demolition	Vendor	—	10	HHDT,MHDT
Demolition	Hauling	165	20	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	Worker	18	19	LDA,LDT1,LDT2
Site Preparation	Vendor	—	10	HHDT,MHDT
Site Preparation	Hauling	0.00	20	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	Worker	20	19	LDA,LDT1,LDT2
Grading	Vendor	—	10	HHDT,MHDT
Grading	Hauling	63	20	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	Worker	281	19	LDA,LDT1,LDT2
Building Construction	Vendor	51	10	HHDT,MHDT
Building Construction	Hauling	0.00	20	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	Worker	15	19	LDA,LDT1,LDT2
Paving	Vendor	—	10	HHDT,MHDT
Paving	Hauling	0.00	20	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	Worker	56	19	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10	HHDT,MHDT

Architectural Coating	Hauling	0.00	20	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	1,471,169	490,390	0.00	0.00	3,764

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	23,100	0.00
Site Preparation	—	—	35	0.00	0.00
Grading	—	10,000	50	0.00	0.00
Paving	0.00	0.00	0.00	0.00	8.1

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

Phase Name	Land Use	Area Paved (acres)	% Asphalt
Paving	Condo/Townhouse	4.5	0%
Paving	Apartments Mid Rise	—	0%
Paving	Parking Lot	0.17	100%
Paving	Enclosed Parking with Elevator	2.1	100%
Paving	Other Asphalt Surfaces	1.3	100%
Paving	Recreational Swimming Pool	0.00	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2028	0.00	346	0.03	< 0.005
2029	0.00	346	0.03	< 0.005
2030	0.00	261	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
Condo/Townhouse	706	858	703	265,362	6,444	7,840	6,417	2,423,331
Apartments Mid Rise	1,076	1,078	915	384,453	9,826	9,848	8,354	3,510,885
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Recreational Swimming Pool	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

Land Use	Hearth Type	Unmitigated (number)	Mitigated (number)
Condo/Townhouse	Wood Fireplaces	0	0
Condo/Townhouse	Gas Fireplaces	0	0
Condo/Townhouse	Propane Fireplaces	0	0
Condo/Townhouse	Electric Fireplaces	0	0
Condo/Townhouse	No Fireplaces	78	78
Condo/Townhouse	Conventional Wood Stoves	0	0
Condo/Townhouse	Catalytic Wood Stoves	0	0
Condo/Townhouse	Non-Catalytic Wood Stoves	0	0
Condo/Townhouse	Pellet Wood Stoves	0	0
Apartments Mid Rise	Wood Fireplaces	0	0
Apartments Mid Rise	Gas Fireplaces	0	0
Apartments Mid Rise	Propane Fireplaces	0	0
Apartments Mid Rise	Electric Fireplaces	0	0
Apartments Mid Rise	No Fireplaces	237	237
Apartments Mid Rise	Conventional Wood Stoves	0	0
Apartments Mid Rise	Catalytic Wood Stoves	0	0
Apartments Mid Rise	Non-Catalytic Wood Stoves	0	0
Apartments Mid Rise	Pellet Wood Stoves	0	0
Parking Lot	Wood Fireplaces	0	0
Parking Lot	Gas Fireplaces	0	0
Parking Lot	Propane Fireplaces	0	0
Parking Lot	Electric Fireplaces	0	0
Parking Lot	No Fireplaces	0	0
Parking Lot	Conventional Wood Stoves	0	0

Parking Lot	Catalytic Wood Stoves	0	0
Parking Lot	Non-Catalytic Wood Stoves	0	0
Parking Lot	Pellet Wood Stoves	0	0
Enclosed Parking with Elevator	Wood Fireplaces	0	0
Enclosed Parking with Elevator	Gas Fireplaces	0	0
Enclosed Parking with Elevator	Propane Fireplaces	0	0
Enclosed Parking with Elevator	Electric Fireplaces	0	0
Enclosed Parking with Elevator	No Fireplaces	0	0
Enclosed Parking with Elevator	Conventional Wood Stoves	0	0
Enclosed Parking with Elevator	Catalytic Wood Stoves	0	0
Enclosed Parking with Elevator	Non-Catalytic Wood Stoves	0	0
Enclosed Parking with Elevator	Pellet Wood Stoves	0	0
Other Asphalt Surfaces	Wood Fireplaces	0	0
Other Asphalt Surfaces	Gas Fireplaces	0	0
Other Asphalt Surfaces	Propane Fireplaces	0	0
Other Asphalt Surfaces	Electric Fireplaces	0	0
Other Asphalt Surfaces	No Fireplaces	0	0
Other Asphalt Surfaces	Conventional Wood Stoves	0	0
Other Asphalt Surfaces	Catalytic Wood Stoves	0	0
Other Asphalt Surfaces	Non-Catalytic Wood Stoves	0	0
Other Asphalt Surfaces	Pellet Wood Stoves	0	0
Recreational Swimming Pool	Wood Fireplaces	0	0
Recreational Swimming Pool	Gas Fireplaces	0	0
Recreational Swimming Pool	Propane Fireplaces	0	0
Recreational Swimming Pool	Electric Fireplaces	0	0
Recreational Swimming Pool	No Fireplaces	0	0
Recreational Swimming Pool	Conventional Wood Stoves	0	0
Recreational Swimming Pool	Catalytic Wood Stoves	0	0

Recreational Swimming Pool	Non-Catalytic Wood Stoves	0	0
Recreational Swimming Pool	Pellet Wood Stoves	0	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)
undefined	1,471,169	490,390	0.00	0.00	3,764

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)
Condo/Townhouse	450,032	346	0.0330	0.0040	2,354,975
Apartments Mid Rise	868,803	346	0.0330	0.0040	2,632,322
Parking Lot	6,487	346	0.0330	0.0040	0.00
Enclosed Parking with Elevator	349,948	346	0.0330	0.0040	0.00
Other Asphalt Surfaces	0.00	346	0.0330	0.0040	0.00
Recreational Swimming Pool	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)
Condo/Townhouse	3,652,832	1,231,969
Apartments Mid Rise	8,833,891	902,516
Parking Lot	0.00	0.00
Enclosed Parking with Elevator	0.00	0.00
Other Asphalt Surfaces	0.00	0.00
Recreational Swimming Pool	41,282	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Condo/Townhouse	72	0.00
Apartments Mid Rise	175	0.00
Parking Lot	0.00	0.00
Enclosed Parking with Elevator	0.00	0.00
Other Asphalt Surfaces	0.00	0.00
Recreational Swimming Pool	4.0	0.00

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Condo/Townhouse	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.5	2.5	10.0

Condo/Townhouse	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Apartments Mid Rise	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.5	2.5	10.0
Apartments Mid Rise	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Recreational Swimming Pool	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.0	4.0	18
Recreational Swimming Pool	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

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	5.1	annual days of extreme heat
Extreme Precipitation	4.2	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	22
AQ-PM	75
AQ-DPM	60
Drinking Water	30
Lead Risk Housing	61
Pesticides	0.00
Toxic Releases	99
Traffic	60
Effect Indicators	—
CleanUp Sites	99
Groundwater	89
Haz Waste Facilities/Generators	99
Impaired Water Bodies	33
Solid Waste	80
Sensitive Population	—
Asthma	68
Cardio-vascular	50
Low Birth Weights	38

Socioeconomic Factor Indicators	—
Education	20
Housing	27
Linguistic	62
Poverty	32
Unemployment	46

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	69.98588477
Employed	76.78686
Median HI	54.71577056
Education	—
Bachelor's or higher	64.6862569
High school enrollment	100
Preschool enrollment	59.39946105
Transportation	—
Auto Access	48.80020531
Active commuting	66.6495573
Social	—
2-parent households	60.25920698
Voting	41.15231618
Neighborhood	—
Alcohol availability	26.35698704
Park access	81.35506224
Retail density	98.06236366

Supermarket access	76.35057103
Tree canopy	46.19530348
Housing	—
Homeownership	30.83536507
Housing habitability	59.34813294
Low-inc homeowner severe housing cost burden	77.5439497
Low-inc renter severe housing cost burden	83.16437829
Uncrowded housing	37.99563711
Health Outcomes	—
Insured adults	44.48864365
Arthritis	63.4
Asthma ER Admissions	31.7
High Blood Pressure	66.9
Cancer (excluding skin)	38.7
Asthma	80.2
Coronary Heart Disease	66.7
Chronic Obstructive Pulmonary Disease	68.2
Diagnosed Diabetes	65.9
Life Expectancy at Birth	58.1
Cognitively Disabled	96.3
Physically Disabled	73.0
Heart Attack ER Admissions	60.8
Mental Health Not Good	66.0
Chronic Kidney Disease	73.0
Obesity	63.7
Pedestrian Injuries	70.2
Physical Health Not Good	64.0
Stroke	70.4

Health Risk Behaviors	—
Binge Drinking	36.9
Current Smoker	65.4
No Leisure Time for Physical Activity	70.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	32.5
Elderly	55.1
English Speaking	47.8
Foreign-born	48.8
Outdoor Workers	44.0
Climate Change Adaptive Capacity	—
Impervious Surface Cover	16.7
Traffic Density	61.1
Traffic Access	71.3
Other Indices	—
Hardship	35.1
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)	66
Healthy Places Index Score for Project Location (b)	66
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
Project Located in a Low-Income Community (Assembly Bill 1550)	No
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

8.1. Justifications

Screen	Justification
Land Use	Adjusted to match the site plans provided by client.
Construction: Construction Phases	Construction schedule was adjusted to begin Building Construction and Paving concurrently, and Architectural Coating would begin once Paving phase ends, and would conclude one week after the Building Construction phase concludes. Extended demolition phase to account for size of buildings to be demolished.
Construction: Off-Road Equipment	Assumed all construction will be utilized 8 hours per work day as provided by client. Replaced Tractors/Loaders/Backhoes with 4 Crawler Tractors in the Site Preparation and 3 Crawler Tractors in the Grading Phases. Two Rubber Tired Loaders were included in the grading phase to account for export volumes. The number of loaders were estimated from the anticipated daily haul truck demand (63 daily hauling trucks for the grading phase) for the daily loading capacity of one loader, divided by the typical loading rate of approximately 6 trucks per hour for 8 hours a day.
Construction: Paving	Included 2.13 acres for the Enclosed parking with Elevator land use to incorporate the paving done for the enclosed parking garage, within the multifamily apartment building. Included 4.525 acres of paved area for the condo/townhouse land use to account for enclosed unit garage paving occurring on the ground level of each unit.
Operations: Vehicle Data	Adjusted trip rate to match ITE 11th edition trip rate for 215 Single Family Attached Housing (Condo/Townhouse) and 221 Multifamily Housing (Mid Rise) (Apartments Mid Rise) trips.
Operations: Hearths	No wood stove or fireplaces per SCAQMD Rule 445

APPENDIX B – AERMOD CONSTRUCTION MODEL OUTPUT

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 12/8/2025
** File: C:\Lakes\AERMOD
View\25_033_Torrance_Townhomes\25_033_Torrance_Townhomes.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD
View\25_033_Torrance_Townhomes\25_033_Torrance_Townh
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL 25_033_Torrance_Townhomes.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION PAREA1       AREAPOLY   378630.005  3744901.456       15.080
** DESCRSRC Project Area Site
** ------------------------------------------------------------------------
** Line Source Represented by Area Sources
** LINE AREA Source ID = RT1
** DESCRSRC Route 1: Southernmost Project Site > Torrance Blvd > SR-110
Intercha
** PREFIX
** Length of Side = 16.00
** Ratio = 10
** Vertical Dimension = 2.46
** Emission Rate = 1.1841E-09
** Nodes = 15
** 378817.751, 3744698.650, 16.82, 2.64
** 378813.349, 3744915.659, 12.73, 2.64
** 378691.419, 3744886.607, 15.51, 2.64
** 378681.295, 3744923.583, 12.26, 2.64
** 378677.733, 3744934.455, 12.25, 2.64
```

```
** 378822.432, 3744966.957, 11.80, 2.64
** 378860.132, 3744982.831, 12.26, 2.64
** 378897.833, 3745004.658, 12.51, 2.64
** 379091.298, 3745162.406, 13.69, 2.64
** 379334.626, 3745359.820, 14.46, 2.64
** 379381.476, 3745379.206, 14.51, 2.64
** 379436.404, 3745390.515, 14.12, 2.64
** 379796.668, 3745393.746, 12.38, 2.64
** 380914.618, 3745388.900, 9.22, 2.64
** 380939.722, 3745388.662, 8.95, 2.64
** ----------------------------------------------------------------------
   LOCATION A0000001     AREA     378825.749 3744698.812 16.93
   LOCATION A0000002     AREA     378823.549 3744807.317 15.44
   LOCATION A0000003     AREA     378811.495 3744923.441 12.47
   LOCATION A0000004     AREA     378699.135 3744888.720 15.30
   LOCATION A0000005     AREA     378688.897 3744926.073 12.17
   LOCATION A0000006     AREA     378679.486 3744926.649 12.22
   LOCATION A0000007     AREA     378825.536 3744959.584 11.86
   LOCATION A0000008     AREA     378864.141 3744975.908 12.28
   LOCATION A0000009     AREA     378902.889 3744998.458 12.59
   LOCATION A0000010     AREA     378999.621 3745077.332 13.77
   LOCATION A0000011     AREA     379096.338 3745156.194 13.80
   LOCATION A0000012     AREA     379218.002 3745254.901 14.04
   LOCATION A0000013     AREA     379337.684 3745352.428 14.51
   LOCATION A0000014     AREA     379383.089 3745371.371 14.38
   LOCATION A0000015     AREA     379436.476 3745382.515 14.09
   LOCATION A0000016     AREA     379556.564 3745383.592 13.77
   LOCATION A0000017     AREA     379676.652 3745384.669 13.54
   LOCATION A0000018     AREA     379796.634 3745385.746 12.39
   LOCATION A0000019     AREA     379956.341 3745385.054 8.16
   LOCATION A0000020     AREA     380116.048 3745384.361 11.73
   LOCATION A0000021     AREA     380275.755 3745383.669 12.06
   LOCATION A0000022     AREA     380435.462 3745382.977 11.15
   LOCATION A0000023     AREA     380595.169 3745382.284 7.64
   LOCATION A0000024     AREA     380754.876 3745381.592 7.99
   LOCATION A0000025     AREA     380914.542 3745380.900 9.24
** End of LINE AREA Source ID = RT1
** ----------------------------------------------------------------------
** Line Source Represented by Area Sources
** LINE AREA Source ID = RT2
** DESCRSRC Route 2: SR-110 Interchange > SR-110 SB
** PREFIX
** Length of Side = 13.50
** Ratio = 10
** Vertical Dimension = 2.46
** Emission Rate = 7.0171E-10
** Nodes = 11
** 380939.462, 3745389.679, 8.96, 2.64
** 380952.411, 3745455.460, 8.64, 2.64
** 380986.078, 3745620.689, 8.05, 2.64
** 381004.207, 3745625.869, 8.28, 2.64
** 381012.494, 3745625.869, 8.75, 2.64
** 381018.192, 3745620.171, 8.88, 2.64
** 381021.818, 3745610.848, 9.76, 2.64
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** 381022.854, 3745604.632, 9.77, 2.64
** 381010.940, 3745523.313, 13.70, 2.64
** 380995.402, 3745438.885, 14.41, 2.64
** 381000.063, 3745415.059, 14.50, 2.64
** ----------------------------------------------------------------------
   LOCATION A0000026     AREA     380946.085 3745388.375 8.76
   LOCATION A0000027     AREA     380959.025 3745454.112 8.68
   LOCATION A0000028     AREA     380975.859 3745536.727 8.49
   LOCATION A0000029     AREA     380987.933 3745614.199 8.00
   LOCATION A0000030     AREA     381004.207 3745619.119 8.27
   LOCATION A0000031     AREA     381007.721 3745621.096 8.41
   LOCATION A0000032     AREA     381011.901 3745617.725 8.63
   LOCATION A0000033     AREA     381015.159 3745609.738 8.99
   LOCATION A0000034     AREA     381016.175 3745605.611 9.19
   LOCATION A0000035     AREA     381004.302 3745524.534 12.76
   LOCATION A0000036     AREA     380988.777 3745437.589 13.48
** End of LINE AREA Source ID = RT2
** ----------------------------------------------------------------------
** Line Source Represented by Area Sources
** LINE AREA Source ID = RT3
** DESCRSRC Route 3: SR-110 Interchange > SR-110 NB
** PREFIX
** Length of Side = 13.50
** Ratio = 10
** Vertical Dimension = 2.46
** Emission Rate = 7.0167E-10
** Nodes = 12
** 380939.462, 3745390.197, 8.82, 2.64
** 381067.916, 3745389.161, 8.77, 2.64
** 381158.041, 3745603.078, 8.51, 2.64
** 381161.667, 3745612.920, 8.71, 2.64
** 381123.856, 3745623.797, 8.44, 2.64
** 381116.086, 3745630.012, 8.76, 2.64
** 381110.389, 3745639.336, 9.19, 2.64
** 381107.799, 3745647.105, 9.97, 2.64
** 381119.712, 3745776.595, 14.62, 2.64
** 381125.410, 3745827.355, 13.33, 2.64
** 381124.374, 3745835.643, 9.71, 2.64
** 381120.230, 3745858.433, 8.11, 2.64
** ----------------------------------------------------------------------
   LOCATION A0000037     AREA     380939.407 3745383.447 8.86
   LOCATION A0000038     AREA     381074.137 3745386.540 8.75
   LOCATION A0000039     AREA     381119.199 3745493.499 8.59
   LOCATION A0000040     AREA     381164.375 3745600.745 8.69
   LOCATION A0000041     AREA     381163.533 3745619.407 8.60
   LOCATION A0000042     AREA     381128.073 3745629.068 8.43
   LOCATION A0000043     AREA     381121.846 3745633.532 8.63
   LOCATION A0000044     AREA     381116.792 3745641.470 8.92
   LOCATION A0000045     AREA     381114.521 3745646.487 9.21
   LOCATION A0000046     AREA     381126.420 3745775.842 13.46
   LOCATION A0000047     AREA     381132.108 3745828.193 9.79
   LOCATION A0000048     AREA     381131.015 3745836.850 8.47
** End of LINE AREA Source ID = RT3
** Source Parameters **
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   SRCPARAM PAREA1        2.27E-07     5.000        25
   AREAVERT PAREA1       378630.005 3744901.456 378643.248 3744905.780
   AREAVERT PAREA1       378720.542 3744922.266 378828.375 3744945.508
   AREAVERT PAREA1       378837.294 3744944.427 378845.131 3744938.211
   AREAVERT PAREA1       378847.294 3744933.076 378849.456 3744896.591
   AREAVERT PAREA1       378854.034 3744757.456 378855.354 3744699.350
   AREAVERT PAREA1       378852.428 3744693.086 378846.483 3744690.924
   AREAVERT PAREA1       378776.486 3744692.816 378778.377 3744809.568
   AREAVERT PAREA1       378699.732 3744806.865 378685.408 3744831.459
   AREAVERT PAREA1       378645.140 3744831.189 378640.545 3744830.918
   AREAVERT PAREA1       378640.275 3744842.269 378638.653 3744854.971
   AREAVERT PAREA1       378635.951 3744864.160 378631.897 3744879.295
   AREAVERT PAREA1       378627.302 3744894.159 378628.112 3744897.633
   AREAVERT PAREA1       378629.132 3744899.774
** LINE AREA Source ID = RT1
   SRCPARAM A0000001     1.1841E-09     2.644   108.527    16.000   -
91.162     2.459
   SRCPARAM A0000002     1.1841E-09     2.644   108.527    16.000   -
91.162     2.459
   SRCPARAM A0000003     1.1841E-09     2.644   125.344    16.000
166.598     2.459
   SRCPARAM A0000004     1.1841E-09     2.644    38.336    16.000  -
105.313     2.459
   SRCPARAM A0000005     1.1841E-09     2.644    11.441    16.000  -
108.141     2.459
   SRCPARAM A0000006     1.1841E-09     2.644   148.304    16.000   -
12.660     2.459
   SRCPARAM A0000007     1.1841E-09     2.644    40.906    16.000   -
22.834     2.459
   SRCPARAM A0000008     1.1841E-09     2.644    43.563    16.000   -
30.069     2.459
   SRCPARAM A0000009     1.1841E-09     2.644   124.813    16.000   -
39.193     2.459
   SRCPARAM A0000010     1.1841E-09     2.644   124.813    16.000   -
39.193     2.459
   SRCPARAM A0000011     1.1841E-09     2.644   156.669    16.000   -
39.053     2.459
   SRCPARAM A0000012     1.1841E-09     2.644   156.669    16.000   -
39.053     2.459
   SRCPARAM A0000013     1.1841E-09     2.644    50.703    16.000   -
22.479     2.459
   SRCPARAM A0000014     1.1841E-09     2.644    56.080    16.000   -
11.634     2.459
   SRCPARAM A0000015     1.1841E-09     2.644   120.093    16.000    -
0.514     2.459
   SRCPARAM A0000016     1.1841E-09     2.644   120.093    16.000    -
0.514     2.459
   SRCPARAM A0000017     1.1841E-09     2.644   120.093    16.000    -
0.514     2.459
   SRCPARAM A0000018     1.1841E-09     2.644   159.709    16.000
0.248     2.459
   SRCPARAM A0000019     1.1841E-09     2.644   159.709    16.000
0.248     2.459
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   SRCPARAM A0000020     1.1841E-09     2.644   159.709    16.000
0.248     2.459
   SRCPARAM A0000021     1.1841E-09     2.644   159.709    16.000
0.248     2.459
   SRCPARAM A0000022     1.1841E-09     2.644   159.709    16.000
0.248     2.459
   SRCPARAM A0000023     1.1841E-09     2.644   159.709    16.000
0.248     2.459
   SRCPARAM A0000024     1.1841E-09     2.644   159.709    16.000
0.248     2.459
   SRCPARAM A0000025     1.1841E-09     2.644    25.105    16.000
0.543     2.459
** ------------------------------------------------------------------------
** LINE AREA Source ID = RT2
   SRCPARAM A0000026     7.0171E-10     2.644    67.043    13.500   -
78.864     2.459
   SRCPARAM A0000027     7.0171E-10     2.644    84.312    13.500   -
78.483     2.459
   SRCPARAM A0000028     7.0171E-10     2.644    84.312    13.500   -
78.483     2.459
   SRCPARAM A0000029     7.0171E-10     2.644    18.854    13.500   -
15.945     2.459
   SRCPARAM A0000030     7.0171E-10     2.644     8.287    13.500
0.000     2.459
   SRCPARAM A0000031     7.0171E-10     2.644     8.058    13.500
45.000     2.459
   SRCPARAM A0000032     7.0171E-10     2.644    10.003    13.500
68.749     2.459
   SRCPARAM A0000033     7.0171E-10     2.644     6.301    13.500
80.538     2.459
   SRCPARAM A0000034     7.0171E-10     2.644    82.188    13.500
98.334     2.459
   SRCPARAM A0000035     7.0171E-10     2.644    85.846    13.500
100.429     2.459
   SRCPARAM A0000036     7.0171E-10     2.644    24.278    13.500
78.930     2.459
** ------------------------------------------------------------------------
** LINE AREA Source ID = RT3
   SRCPARAM A0000037     7.0167E-10     2.644   128.458    13.500
0.462     2.459
   SRCPARAM A0000038     7.0167E-10     2.644   116.064    13.500   -
67.154     2.459
   SRCPARAM A0000039     7.0167E-10     2.644   116.064    13.500   -
67.154     2.459
   SRCPARAM A0000040     7.0167E-10     2.644    10.488    13.500   -
69.775     2.459
   SRCPARAM A0000041     7.0167E-10     2.644    39.345    13.500  -
163.951     2.459
   SRCPARAM A0000042     7.0167E-10     2.644     9.950    13.500  -
141.340     2.459
   SRCPARAM A0000043     7.0167E-10     2.644    10.926    13.500  -
121.430     2.459
   SRCPARAM A0000044     7.0167E-10     2.644     8.190    13.500  -
108.435     2.459
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   SRCPARAM A0000045     7.0167E-10     2.644   130.037    13.500   -
84.744     2.459
   SRCPARAM A0000046     7.0167E-10     2.644    51.079    13.500   -
83.596     2.459
   SRCPARAM A0000047     7.0167E-10     2.644     8.352    13.500   -
97.125     2.459
   SRCPARAM A0000048     7.0167E-10     2.644    23.164    13.500  -
100.305     2.459
** ------------------------------------------------------------------

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA1       HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT A0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000001     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000001     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT A0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000002     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000002     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT A0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000003     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000003     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT A0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000004     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000004     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT A0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000005     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000005     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT A0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000006     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000006     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT A0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000007     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT A0000007     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT A0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000008     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000008     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT A0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000009     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000009     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT A0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000010     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000010     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT A0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000011     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000011     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT A0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000012     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000012     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT A0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000013     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000013     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT A0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000014     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000014     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT A0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000015     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000015     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT A0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000016     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000016     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT A0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000017     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000017     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT A0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000018     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000018     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT A0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000019     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000019     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT A0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000020     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000020     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT A0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT A0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000021     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000021     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT A0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000022     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000022     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT A0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000023     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000023     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT A0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000024     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000024     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT A0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000025     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000025     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT A0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT A0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT A0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT A0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT A0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT A0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT A0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT A0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000026     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000026     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT A0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000027     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000027     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT A0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000028     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000028     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT A0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000029     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000029     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT A0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000030     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000030     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT A0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000031     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000031     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT A0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000032     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000032     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT A0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000033     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000033     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT A0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000034     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000034     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT A0000034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000035     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000035     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000035     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT A0000035     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000036     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000036     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000036     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT A0000036     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT A0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```

```
   EMISFACT A0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000035     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000035     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000035     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000035     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000036     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000036     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000036     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000036     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT A0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT A0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000035     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000035     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000035     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000035     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000036     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000036     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000036     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000036     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT A0000037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000037     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000037     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT A0000037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000038     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000038     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000038     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT A0000038     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000039     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000039     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000039     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT A0000039     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000040     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000040     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000040     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT A0000040     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000041     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000041     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000041     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT A0000041     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT A0000042     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000042     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000042     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT A0000042     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000043     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000043     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000043     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT A0000043     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000044     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000044     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000044     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT A0000044     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000045     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000045     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000045     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT A0000045     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000046     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000046     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000046     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT A0000046     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000047     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000047     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT A0000047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000048     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000048     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT A0000048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT A0000037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000038     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000038     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000038     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000038     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000039     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000039     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000039     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000039     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000040     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000040     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000040     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000040     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000041     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000041     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000041     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000041     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000042     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000042     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000042     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000042     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000043     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```

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   EMISFACT A0000043     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000043     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000043     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000044     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000044     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000044     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000044     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000045     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000045     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000045     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000045     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000046     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000046     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000046     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000046     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT A0000037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000038     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000038     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000038     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000038     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000039     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000039     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000039     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000039     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000040     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000040     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000040     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000040     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000041     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000041     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000041     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000041     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000042     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000042     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000042     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000042     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000043     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000043     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000043     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000043     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000044     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000044     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```

```
   EMISFACT A0000044     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000044     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000045     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000045     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000045     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000045     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000046     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000046     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000046     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000046     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**********************************
** AERMOD Receptor Pathway
**********************************
**
**
RE STARTING
   INCLUDED 25_033_Torrance_Townhomes.rou
RE FINISHED
**
**********************************
** AERMOD Meteorology Pathway
**********************************
**
**
ME STARTING
   SURFFILE "..\..\Met Files\KHHR_V9_ADJU\KHHR_v9.SFC"
   PROFFILE "..\..\Met Files\KHHR_V9_ADJU\KHHR_v9.PFL"
   SURFDATA 3167 2012 Hawthorne_Airport
   UAIRDATA 3190 2012
   PROFBASE 20.0 METERS
ME FINISHED
**
**********************************
** AERMOD Output Pathway
**********************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST 25_033_Torrance_Townhomes.AD\01H1GALL.PLT 31
   PLOTFILE PERIOD ALL 25_033_Torrance_Townhomes.AD\PE00GALL.PLT 32
```

```
   SUMMFILE 25_033_Torrance_Townhomes.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     854       MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used           0.50
 ME W187     854       MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET

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

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

**This Run Includes: 49 Source(s); 1 Source Group(s); and 1687 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 0 VOLUME source(s)
and: 49 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) =    20.00 ;
Decay Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC
;  Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

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

 **Input Runstream File:          aermod.inp
 **Output Print File:             aermod.out

 **Detailed Error/Message File:   25_033_Torrance_Townhomes.err
 **File for Summary of Results:   25_033_Torrance_Townhomes.sum
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** AREA SOURCE DATA ***

SOURCE ID	NUMBER OF AREA CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
A0000001	0	0.11841E-08	378825.7	3744698.8	16.9	2.64	108.53	16.00	-91.16	2.46	NO	HRDOW	NO
A0000002	0	0.11841E-08	378823.5	3744807.3	15.4	2.64	108.53	16.00	-91.16	2.46	NO	HRDOW	NO
A0000003	0	0.11841E-08	378811.5	3744923.4	12.5	2.64	125.34	16.00	166.60	2.46	NO	HRDOW	NO
A0000004	0	0.11841E-08	378699.1	3744888.7	15.3	2.64	38.34	16.00	-105.31	2.46	NO	HRDOW	NO
A0000005	0	0.11841E-08	378688.9	3744926.1	12.2	2.64	11.44	16.00	-108.14	2.46	NO	HRDOW	NO
A0000006	0	0.11841E-08	378679.5	3744926.6	12.2	2.64	148.30	16.00	-12.66	2.46	NO	HRDOW	NO
A0000007	0	0.11841E-08	378825.5	3744959.6	11.9	2.64	40.91	16.00	-22.83	2.46	NO	HRDOW	NO
A0000008	0	0.11841E-08	378864.1	3744975.9	12.3	2.64	43.56	16.00	-30.07	2.46	NO	HRDOW	NO
A0000009	0	0.11841E-08	378902.9	3744998.5	12.6	2.64	124.81	16.00	-39.19	2.46	NO	HRDOW	NO
A0000010	0	0.11841E-08	378999.6	3745077.3	13.8	2.64	124.81	16.00	-39.19	2.46	NO	HRDOW	NO
A0000011	0	0.11841E-08	379096.3	3745156.2	13.8	2.64	156.67	16.00	-39.05	2.46	NO	HRDOW	NO
A0000012	0	0.11841E-08	379218.0	3745254.9	14.0	2.64	156.67	16.00	-39.05	2.46	NO	HRDOW	NO
A0000013	0	0.11841E-08	379337.7	3745352.4	14.5	2.64	50.70	16.00	-22.48	2.46	NO	HRDOW	NO
A0000014	0	0.11841E-08	379383.1	3745371.4	14.4	2.64	56.08	16.00	-11.63	2.46	NO	HRDOW	NO
A0000015	0	0.11841E-08	379436.5	3745382.5	14.1	2.64	120.09	16.00	-0.51	2.46	NO	HRDOW	NO
A0000016	0	0.11841E-08	379556.6	3745383.6	13.8	2.64	120.09	16.00	-0.51	2.46	NO	HRDOW	NO

A0000017		0	0.11841E-08	379676.7	3745384.7	13.5		2.64	
120.09	16.00		-0.51	2.46	NO	HRDOW		NO	
A0000018		0	0.11841E-08	379796.6	3745385.7	12.4		2.64	
159.71	16.00		0.25	2.46	NO	HRDOW		NO	
A0000019		0	0.11841E-08	379956.3	3745385.1	8.2		2.64	
159.71	16.00		0.25	2.46	NO	HRDOW		NO	
A0000020		0	0.11841E-08	380116.0	3745384.4	11.7		2.64	
159.71	16.00		0.25	2.46	NO	HRDOW		NO	
A0000021		0	0.11841E-08	380275.8	3745383.7	12.1		2.64	
159.71	16.00		0.25	2.46	NO	HRDOW		NO	
A0000022		0	0.11841E-08	380435.5	3745383.0	11.2		2.64	
159.71	16.00		0.25	2.46	NO	HRDOW		NO	
A0000023		0	0.11841E-08	380595.2	3745382.3	7.6		2.64	
159.71	16.00		0.25	2.46	NO	HRDOW		NO	
A0000024		0	0.11841E-08	380754.9	3745381.6	8.0		2.64	
159.71	16.00		0.25	2.46	NO	HRDOW		NO	
A0000025		0	0.11841E-08	380914.5	3745380.9	9.2		2.64	
25.11	16.00		0.54	2.46	NO	HRDOW		NO	
A0000026		0	0.70171E-09	380946.1	3745388.4	8.8		2.64	
67.04	13.50		-78.86	2.46	NO	HRDOW		NO	
A0000027		0	0.70171E-09	380959.0	3745454.1	8.7		2.64	
84.31	13.50		-78.48	2.46	NO	HRDOW		NO	
A0000028		0	0.70171E-09	380975.9	3745536.7	8.5		2.64	
84.31	13.50		-78.48	2.46	NO	HRDOW		NO	
A0000029		0	0.70171E-09	380987.9	3745614.2	8.0		2.64	
18.85	13.50		-15.95	2.46	NO	HRDOW		NO	
A0000030		0	0.70171E-09	381004.2	3745619.1	8.3		2.64	
8.29	13.50		0.00	2.46	NO	HRDOW		NO	
A0000031		0	0.70171E-09	381007.7	3745621.1	8.4		2.64	
8.06	13.50		45.00	2.46	NO	HRDOW		NO	
A0000032		0	0.70171E-09	381011.9	3745617.7	8.6		2.64	
10.00	13.50		68.75	2.46	NO	HRDOW		NO	
A0000033		0	0.70171E-09	381015.2	3745609.7	9.0		2.64	
6.30	13.50		80.54	2.46	NO	HRDOW		NO	
A0000034		0	0.70171E-09	381016.2	3745605.6	9.2		2.64	
82.19	13.50		98.33	2.46	NO	HRDOW		NO	
A0000035		0	0.70171E-09	381004.3	3745524.5	12.8		2.64	
85.85	13.50		100.43	2.46	NO	HRDOW		NO	
A0000036		0	0.70171E-09	380988.8	3745437.6	13.5		2.64	
24.28	13.50		78.93	2.46	NO	HRDOW		NO	
A0000037		0	0.70167E-09	380939.4	3745383.4	8.9		2.64	
128.46	13.50		0.46	2.46	NO	HRDOW		NO	
A0000038		0	0.70167E-09	381074.1	3745386.5	8.8		2.64	
116.06	13.50		-67.15	2.46	NO	HRDOW		NO	
A0000039		0	0.70167E-09	381119.2	3745493.5	8.6		2.64	
116.06	13.50		-67.15	2.46	NO	HRDOW		NO	
A0000040		0	0.70167E-09	381164.4	3745600.7	8.7		2.64	
10.49	13.50		-69.77	2.46	NO	HRDOW		NO	

*** 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. OF AREA (DEG.)	INIT. OF AREA SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
A0000041	0	0.70167E-09	381163.5	3745619.4	8.6	2.64	39.34	13.50	-163.95	2.46	NO	HRDOW	NO
A0000042	0	0.70167E-09	381128.1	3745629.1	8.4	2.64	9.95	13.50	-141.34	2.46	NO	HRDOW	NO
A0000043	0	0.70167E-09	381121.8	3745633.5	8.6	2.64	10.93	13.50	-121.43	2.46	NO	HRDOW	NO
A0000044	0	0.70167E-09	381116.8	3745641.5	8.9	2.64	8.19	13.50	-108.44	2.46	NO	HRDOW	NO
A0000045	0	0.70167E-09	381114.5	3745646.5	9.2	2.64	130.04	13.50	-84.74	2.46	NO	HRDOW	NO
A0000046	0	0.70167E-09	381126.4	3745775.8	13.5	2.64	51.08	13.50	-83.60	2.46	NO	HRDOW	NO
A0000047	0	0.70167E-09	381132.1	3745828.2	9.8	2.64	8.35	13.50	-97.12	2.46	NO	HRDOW	NO
A0000048	0	0.70167E-09	381131.0	3745836.8	8.5	2.64	23.16	13.50	-100.30	2.46	NO	HRDOW	NO

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** AREAPOLY SOURCE DATA ***

SOURCE ID	NUMBER OF VERTS.	EMISSION RATE INIT. SZ CATS.	URBAN SOURCE	EMISSION RATE (GRAMS/SEC /METER**2)	LOCATION OF AREA X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	AIRCRAFT VARY BY
PAREA1	25	0	0.00	0.22700E-06	378630.0	3744901.5	15.1	5.00	NO HRDOW

NO

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** 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 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , A0000028 , A0000029 , A0000030 , A0000031 , A0000032 , A0000033 , A0000034 , A0000035 , A0000036 , A0000037 , A0000038 , A0000039 , A0000040 , A0000041 , A0000042 , A0000043 , A0000044 , A0000045 , A0000046 , A0000047 , A0000048 ,

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

SOURCE ID = A0000001 ; SOURCE TYPE = AREA :

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

SOURCE ID = A0000011 ; SOURCE TYPE = AREA :

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

SOURCE ID = A0000016 ; SOURCE TYPE = AREA :

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

SOURCE ID = A0000017 ; SOURCE TYPE = AREA :

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

SOURCE ID = A0000018 ; SOURCE TYPE = AREA :

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

SOURCE ID = A0000020 ; SOURCE TYPE = AREA :

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

SOURCE ID = A0000021 ; SOURCE TYPE = AREA :

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

SOURCE ID = A0000022 ; SOURCE TYPE = AREA :

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

SOURCE ID = A0000023 ; SOURCE TYPE = AREA :

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

SOURCE ID = A0000024 ; SOURCE TYPE = AREA :

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

SOURCE ID = A0000025 ; SOURCE TYPE = AREA :

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

SOURCE ID = A0000026 ; SOURCE TYPE = AREA :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

SOURCE ID = A0000027 ; SOURCE TYPE = AREA :

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

SOURCE ID = A0000028 ; SOURCE TYPE = AREA :

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

SOURCE ID = A0000029 ; SOURCE TYPE = AREA :

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

SOURCE ID = A0000030 ; SOURCE TYPE = AREA :

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

SOURCE ID = A0000031 ; SOURCE TYPE = AREA :

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

SOURCE ID = A0000032 ; SOURCE TYPE = AREA :

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

SOURCE ID = A0000033 ; SOURCE TYPE = AREA :

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

SOURCE ID = A0000034 ; SOURCE TYPE = AREA :

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

SOURCE ID = A0000035 ; SOURCE TYPE = AREA :

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

SOURCE ID = A0000036 ; SOURCE TYPE = AREA :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

SOURCE ID = A0000037 ; SOURCE TYPE = AREA :

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

SOURCE ID = A0000038 ; SOURCE TYPE = AREA :

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

SOURCE ID = A0000039 ; SOURCE TYPE = AREA :

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

SOURCE ID = A0000040 ; SOURCE TYPE = AREA :

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

SOURCE ID = A0000041 ; SOURCE TYPE = AREA :

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

SOURCE ID = A0000042 ; SOURCE TYPE = AREA :

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

SOURCE ID = A0000043 ; SOURCE TYPE = AREA :

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

SOURCE ID = A0000044 ; SOURCE TYPE = AREA :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

SOURCE ID = A0000045 ; SOURCE TYPE = AREA :

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

SOURCE ID = A0000046 ; SOURCE TYPE = AREA :

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

SOURCE ID = A0000047 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.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 (HRDOW) *

SOURCE ID = A0000048 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.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*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

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

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

377940.8, 378033.3, 378125.8, 378218.3, 378310.8, 378403.2, 378495.7, 378588.2, 378680.7, 378773.2,
378865.6, 378958.1, 379050.6, 379143.1, 379235.6, 379328.0, 379420.5, 379513.0, 379605.5, 379698.0,
379790.4, 379882.9, 379975.4, 380067.9, 380160.4, 380252.8, 380345.3, 380437.8, 380530.3, 380622.8,
380715.2, 380807.7, 380900.2, 380992.7, 381085.2, 381177.6, 381270.1, 381362.6, 381455.1, 381547.6,

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

3743187.8, 3743274.9, 3743361.9, 3743448.9, 3743536.0, 3743623.0, 3743710.1, 3743797.1, 3743884.1, 3743971.2,
3744058.2, 3744145.3, 3744232.3, 3744319.3, 3744406.4, 3744493.4, 3744580.5, 3744667.5, 3744754.5, 3744841.6,
3744928.6, 3745015.7, 3745102.7, 3745189.7, 3745276.8, 3745363.8, 3745450.9, 3745537.9, 3745624.9, 3745712.0,
3745799.0, 3745886.1, 3745973.1, 3746060.1, 3746147.2, 3746234.2, 3746321.3, 3746408.3, 3746495.3, 3746582.4,

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	377940.84	378033.32	378125.80	378218.28	378310.76
3746582.38	15.30	12.50	18.90	18.80	19.70
3746495.34	14.50	16.10	18.40	18.00	18.80
3746408.30	16.30	15.30	18.50	17.70	17.40
3746321.26	18.20	15.20	17.30	17.40	17.00
3746234.22	18.10	18.10	17.10	16.90	16.60
3746147.18	18.20	18.30	16.70	16.30	16.20
3746060.14	17.40	18.10	16.30	16.00	16.40
3745973.10	16.40	17.50	16.80	13.80	16.10
3745886.06	16.80	16.80	16.90	14.10	14.90
3745799.02	20.40	17.40	17.50	17.00	17.00
3745711.98	20.80	23.60	18.40	17.80	17.60
3745624.94	21.10	21.40	20.20	18.60	17.30
3745537.90	21.40	18.20	18.00	18.20	19.00
3745450.86	21.30	18.90	19.30	18.50	17.90
3745363.82	21.30	18.60	19.00	18.90	19.00
3745276.78	21.80	21.20	19.80	19.70	20.00

Y-COORD (METERS)	X-COORD (METERS)				
	378403.24	378495.72	378588.20	378680.68	
3746582.38	20.00	19.40	19.00	19.90	
3746495.34	18.20	18.80	19.90	19.90	
3746408.30	17.50	18.40	18.60	18.60	
3746321.26	17.00	17.40	17.50	17.90	
3746234.22	16.60	17.70	17.90	18.00	
3746147.18	16.30	17.40	18.00	17.80	
3746060.14	15.80	16.80	17.90	17.80	
3745973.10	15.80	15.60	16.30	18.00	
3745886.06	15.40	15.70	16.90	17.90	
3745799.02	13.90	15.50	16.20	17.20	
3745711.98	13.70	15.10	15.60	16.00	
3745624.94	13.50	14.90	16.50	16.70	
3745537.90	20.40	15.00	15.50	16.50	
3745450.86	21.00	18.30	15.20	15.70	
3745363.82	21.10	21.00	17.90	14.60	
3745276.78	20.30	20.50	20.60	14.60	

3745189.74		21.80	22.00	20.40	19.80
19.80	20.50	21.00	20.90	13.60	
3745102.70		21.50	21.50	20.40	19.80
19.80	20.60	20.50	21.60	13.00	
3745015.66		21.90	20.80	21.00	20.00
20.00	20.00	20.20	19.80	13.10	
3744928.62		23.60	22.70	21.90	21.60
20.60	20.10	17.70	14.60	12.20	
3744841.58		24.00	23.40	22.30	21.90
20.50	19.80	18.20	17.80	16.30	
3744754.54		25.60	24.00	23.70	22.30
21.70	21.00	20.60	20.50	18.00	
3744667.50		26.00	24.70	23.60	23.20
22.50	21.20	21.10	20.90	19.10	
3744580.46		25.00	24.40	23.80	22.80
22.30	21.70	20.90	19.90	18.70	
3744493.42		26.30	24.60	24.10	23.50
22.70	22.30	21.10	20.20	19.90	
3744406.38		25.00	24.70	24.60	23.20
22.40	22.00	20.80	20.40	20.00	
3744319.34		25.60	24.70	24.30	23.30
21.90	24.80	20.70	21.50	20.10	
3744232.30		25.70	24.60	23.60	22.80
22.10	21.30	20.50	19.80	18.90	
3744145.26		25.50	25.00	23.60	22.10
21.80	21.20	20.20	20.30	19.70	
3744058.22		23.50	22.60	22.00	21.20
20.80	20.50	20.00	21.20	20.40	
3743971.18		22.30	22.30	22.00	21.60
21.30	20.20	19.80	20.60	19.80	
3743884.14		21.90	21.70	21.20	21.00
21.00	20.60	19.60	20.20	19.50	
3743797.10		21.90	22.30	21.60	20.70
20.80	20.30	19.60	20.20	19.40	
3743710.06		22.30	22.30	21.60	21.00
20.80	20.50	19.80	19.80	20.00	
3743623.02		22.60	22.80	22.20	21.80
21.20	20.80	19.90	20.00	20.00	
3743535.98		23.40	22.30	22.10	21.50
21.10	20.90	20.00	19.70	19.90	
3743448.94		24.10	23.00	22.80	22.00
21.30	21.30	20.40	19.80	19.50	
3743361.90		24.90	23.80	23.00	23.40
22.50	21.50	21.00	19.90	19.50	
3743274.86		26.00	24.60	24.00	26.90
25.00	23.40	22.10	20.60	20.20	
3743187.82		26.00	24.90	24.30	24.80
24.60	24.80	23.70	23.20	21.30	

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)									
	378773.16	378865.64	378958.12	379050.60	379143.08	379235.56	379328.04	379420.52	379513.00	
3746582.38	19.00	18.50	18.40	17.10	17.80	17.70	17.90	17.40	16.70	
3746495.34	19.40	18.80	18.50	17.20	17.80	17.70	17.40	17.90	16.60	
3746408.30	18.80	18.60	18.10	17.90	17.40	18.00	18.10	18.00	16.60	
3746321.26	18.70	18.00	18.50	17.80	17.30	17.90	18.10	17.80	17.60	
3746234.22	18.20	17.30	18.00	17.70	17.10	17.20	17.60	17.80	16.70	
3746147.18	17.70	16.90	17.70	17.40	16.60	17.80	17.40	17.30	16.00	
3746060.14	17.40	16.60	17.70	17.60	17.10	18.10	17.10	15.70	15.40	
3745973.10	18.10	16.30	16.20	16.10	17.00	16.70	16.10	15.50	14.80	
3745886.06	17.90	16.60	16.70	15.70	15.60	16.30	16.10	15.00	15.20	
3745799.02	16.70	17.20	17.00	16.60	14.90	13.30	13.90	14.50	14.50	
3745711.98	16.50	17.80	17.40	17.00	16.60	15.80	13.20	14.00	14.10	
3745624.94	17.60	17.60	17.50	17.00	16.50	16.30	15.50	13.70	14.10	
3745537.90	17.00	16.80	16.60	16.20	16.20	15.60	15.20	14.60	13.50	
3745450.86	16.70	16.10	16.50	16.60	15.50	15.40	15.20	14.70	13.30	
3745363.82	16.00	15.70	15.70	15.30	15.10	15.10	14.40	14.40	14.40	
3745276.78	16.20	15.60	14.60	14.10	14.40	14.10	15.30	14.20	13.80	

3745189.74	16.00	16.00	15.70	15.40	13.70
15.10	15.10	14.40	13.90		
3745102.70	13.70	14.80	16.20	14.30	14.70
13.70	13.20	13.10	13.80		
3745015.66	10.90	12.50	14.70	15.20	14.30
13.60	13.40	12.00	13.10		
3744928.62	12.10	12.10	11.70	13.80	14.70
13.90	13.60	12.00	11.40		
3744841.58	16.20	13.20	11.40	9.40	11.40
10.60	12.20	11.60	11.60		
3744754.54	17.20	15.50	15.90	14.50	12.90
10.40	8.70	10.00	10.70		
3744667.50	17.70	16.90	16.50	16.10	14.80
14.60	13.70	11.70	9.90		
3744580.46	18.00	17.20	16.90	16.10	16.10
15.90	15.70	15.50	12.50		
3744493.42	16.30	17.50	17.30	16.10	15.50
15.20	14.90	14.90	14.00		
3744406.38	18.90	17.70	16.80	16.10	15.50
14.90	14.50	14.20	14.00		
3744319.34	19.40	17.90	17.70	17.30	16.40
15.50	14.80	14.50	14.40		
3744232.30	18.50	18.10	17.60	17.10	16.60
16.10	15.60	15.60	15.80		
3744145.26	18.60	18.30	18.00	17.00	16.70
16.10	16.80	16.20	15.50		
3744058.22	19.10	18.40	18.10	17.20	16.80
16.70	16.60	16.00	15.50		
3743971.18	19.30	18.60	18.10	17.60	17.10
16.80	16.60	16.30	16.00		
3743884.14	19.30	18.70	18.80	18.10	18.00
17.40	16.70	16.00	15.90		
3743797.10	19.40	18.70	20.30	19.20	18.20
17.60	16.90	16.20	15.70		
3743710.06	19.30	18.50	19.20	19.20	18.20
17.60	17.10	16.30	15.20		
3743623.02	19.40	18.30	18.80	18.60	18.10
17.40	17.00	16.80	16.50		
3743535.98	19.30	18.10	17.70	17.40	16.80
16.80	16.40	15.90	15.40		
3743448.94	18.50	17.90	17.00	16.70	16.30
16.10	15.90	15.50	15.00		
3743361.90	19.10	18.10	17.60	17.40	17.10
17.00	16.30	15.90	15.70		
3743274.86	19.70	18.50	17.80	17.40	17.10
16.80	16.60	16.30	15.90		
3743187.82	20.50	18.80	17.70	17.10	16.70
16.60	16.30	16.10	15.60		

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	379605.48	379697.96	379790.44	379882.92	379975.40	380067.88	380160.36	380252.84	380345.32
3746582.38	16.40	16.40	15.70	15.00	14.10	13.00	12.90	12.40	12.10
3746495.34	16.20	16.40	15.60	14.40	13.80	13.10	13.20	12.70	12.20
3746408.30	16.30	16.50	15.40	14.80	13.60	13.60	12.90	12.70	11.90
3746321.26	16.90	15.90	15.60	13.90	13.50	12.90	12.60	11.70	11.50
3746234.22	16.00	15.30	15.20	14.90	13.70	13.00	12.50	11.90	11.80
3746147.18	15.60	15.50	14.80	13.90	13.50	12.70	12.60	13.30	12.40
3746060.14	16.10	15.20	14.30	13.80	13.40	12.60	12.50	12.60	12.10
3745973.10	15.00	14.40	13.80	13.70	13.50	13.20	12.80	12.30	11.60
3745886.06	15.10	15.10	13.30	13.10	13.20	12.80	12.60	11.80	11.60
3745799.02	14.50	14.50	12.90	10.40	12.40	12.40	11.90	11.90	11.30
3745711.98	14.10	14.20	13.00	10.60	11.90	12.20	12.30	11.70	9.10
3745624.94	13.10	13.80	13.20	11.90	9.00	12.00	12.40	11.50	11.50
3745537.90	13.40	13.40	12.90	12.50	7.80	12.20	12.60	12.30	11.40
3745450.86	13.20	13.20	12.00	10.60	7.30	11.70	12.60	12.10	11.90
3745363.82	14.20	14.00	12.60	10.70	9.00	10.50	12.50	12.20	11.80
3745276.78	14.20	14.20	13.10	12.20	12.40	10.90	11.90	11.20	10.10

3745189.74	12.60	13.50	13.80	13.60	13.70
	11.60	11.00	10.10	8.70	
3745102.70	12.80	13.30	13.20	13.40	13.80
	11.50	11.00	11.20	11.50	
3745015.66	12.40	12.90	12.70	12.50	12.90
	13.20	12.10	12.20	12.00	
3744928.62	12.20	12.10	12.20	11.60	12.00
	12.40	12.30	11.90	11.60	
3744841.58	12.20	11.90	12.10	10.50	12.10
	12.40	12.20	11.90	11.50	
3744754.54	8.70	10.90	11.10	9.50	8.60
	8.80	9.20	8.90	8.30	
3744667.50	8.50	9.80	10.50	9.20	8.80
	8.20	8.10	8.00	7.90	
3744580.46	11.20	10.10	11.00	11.30	11.80
	8.60	8.70	9.10	9.60	
3744493.42	12.00	12.80	13.00	12.40	12.20
	11.70	11.90	12.40	11.60	
3744406.38	12.40	13.90	13.90	13.00	12.70
	11.90	12.40	12.70	11.60	
3744319.34	14.00	15.30	15.30	14.20	14.60
	13.80	12.70	12.80	10.50	
3744232.30	13.50	15.70	15.30	14.80	14.40
	13.00	12.70	12.50	12.30	
3744145.26	13.50	15.30	15.10	14.90	13.50
	13.40	13.30	12.10	13.10	
3744058.22	13.20	15.40	15.20	14.50	13.40
	13.10	13.00	12.50	13.50	
3743971.18	13.20	15.70	15.20	14.30	13.30
	13.00	12.90	12.90	12.70	
3743884.14	13.10	15.60	14.90	14.00	13.10
	12.80	12.80	12.80	12.40	
3743797.10	13.80	15.50	15.20	14.60	13.80
	13.30	12.70	12.30	12.40	
3743710.06	13.60	14.90	14.70	14.80	14.30
	13.10	12.50	12.30	12.30	
3743623.02	13.60	16.00	14.80	15.10	14.70
	13.20	12.70	12.60	12.40	
3743535.98	13.90	15.60	15.70	14.70	14.40
	14.00	13.10	13.10	12.40	
3743448.94	13.40	14.70	14.40	14.40	13.70
	13.00	12.70	12.20	12.30	
3743361.90	14.90	15.50	15.30	15.10	14.60
	13.30	12.80	12.60	12.50	
3743274.86	14.60	15.70	15.50	15.30	15.80
	13.30	13.00	12.60	12.30	
3743187.82	14.40	15.30	15.00	15.00	14.80
	13.60	13.30	12.30	12.00	

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	380437.80	380530.28	380622.76	380715.24	380807.72	380900.20	380992.68	381085.16	381177.64
3746582.38	11.90	12.20	11.20	10.90	9.90	8.40	8.70	8.20	9.90
3746495.34	12.20	12.30	11.60	11.20	10.10	9.20	7.80	7.50	8.50
3746408.30	12.10	11.70	11.20	10.70	10.00	8.60	7.50	7.50	8.20
3746321.26	11.20	11.30	10.90	10.50	9.90	8.80	7.60	6.20	7.50
3746234.22	12.70	11.20	11.00	10.10	10.10	8.60	8.90	8.50	7.50
3746147.18	12.00	11.10	11.00	10.60	9.70	8.90	8.00	8.80	7.80
3746060.14	12.50	10.80	10.80	11.10	10.50	10.00	8.50	9.20	8.00
3745973.10	11.20	11.00	10.40	10.40	10.00	9.60	8.90	11.10	8.20
3745886.06	11.20	11.10	10.10	11.10	10.30	9.90	9.10	13.00	8.20
3745799.02	11.30	10.10	8.90	11.10	10.50	10.70	9.90	14.20	8.10
3745711.98	9.30	9.80	7.00	10.20	9.70	8.90	8.20	14.40	8.30
3745624.94	8.80	8.10	6.60	4.30	9.50	9.50	8.00	12.40	9.10
3745537.90	10.80	10.00	7.00	8.80	9.80	8.70	9.40	10.20	9.20
3745450.86	11.30	10.60	7.80	7.20	9.70	9.10	13.70	8.70	9.70
3745363.82	11.00	8.10	6.30	8.50	9.30	10.10	13.70	9.40	9.10
3745276.78	8.50	5.60	7.80	10.00	10.70	10.50	14.00	9.40	8.80

3745189.74		8.10	8.10	8.00	11.00
10.90	10.90	11.00	9.30	8.80	
3745102.70		8.40	8.30	8.10	11.00
11.10	11.10	10.30	9.40	9.20	
3745015.66		8.40	8.40	8.20	10.90
11.10	11.70	10.30	9.80	9.00	
3744928.62		8.20	8.40	10.30	11.10
11.60	11.40	10.70	9.90	8.60	
3744841.58		8.20	8.50	10.80	11.20
11.40	10.40	11.10	10.10	9.60	
3744754.54		8.30	8.60	10.10	11.20
11.50	9.60	11.50	11.70	11.40	
3744667.50		8.00	8.20	9.30	11.10
11.90	9.30	11.80	12.10	11.90	
3744580.46		8.40	8.20	8.90	12.10
12.40	8.90	12.00	12.10	12.00	
3744493.42		9.00	8.90	8.70	11.80
12.30	8.20	12.20	12.40	12.30	
3744406.38		12.40	11.10	9.00	11.40
11.50	7.80	12.40	12.30	12.20	
3744319.34		10.20	10.70	10.90	11.90
12.00	7.20	12.60	11.90	12.40	
3744232.30		12.10	11.80	11.70	12.00
12.30	8.40	12.80	12.40	12.10	
3744145.26		14.10	13.60	12.40	8.40
12.70	7.70	13.00	12.80	12.70	
3744058.22		14.30	14.00	12.70	8.40
12.90	6.90	13.10	13.00	12.80	
3743971.18		13.30	13.60	12.90	13.30
13.00	7.10	12.90	12.80	12.50	
3743884.14		12.70	13.30	13.00	13.30
13.20	8.90	12.80	12.50	12.60	
3743797.10		14.60	13.00	13.10	13.30
13.00	10.40	12.70	12.70	12.50	
3743710.06		12.40	13.20	13.10	12.80
12.50	9.50	12.80	13.50	12.70	
3743623.02		12.90	13.70	13.50	13.50
13.10	9.00	12.90	13.60	12.80	
3743535.98		13.00	14.10	13.60	13.60
12.90	11.30	13.00	13.70	12.90	
3743448.94		12.80	13.70	13.60	13.10
13.00	12.60	12.90	12.90	12.80	
3743361.90		13.10	14.10	14.30	13.70
12.90	12.70	12.70	13.00	13.00	
3743274.86		12.60	13.40	13.80	13.90
13.40	12.50	12.60	12.60	12.10	
3743187.82		13.00	13.10	13.70	13.60
13.20	12.60	12.80	12.60	11.90	

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 381270.12	381362.60	381455.08	381547.56
3746582.38	8.00	8.30	7.30	7.30
3746495.34	8.50	8.20	7.70	7.40
3746408.30	8.50	8.40	7.90	7.40
3746321.26	7.60	7.80	7.60	7.30
3746234.22	7.80	8.00	8.10	7.00
3746147.18	8.00	9.10	8.60	6.90
3746060.14	7.60	9.60	8.70	7.10
3745973.10	7.70	8.40	8.10	7.20
3745886.06	9.40	9.60	8.90	7.60
3745799.02	8.20	7.90	8.60	7.20
3745711.98	8.20	7.80	8.50	7.20
3745624.94	8.40	8.50	8.70	7.70
3745537.90	9.00	8.70	8.80	8.00
3745450.86	9.70	8.60	8.50	7.60
3745363.82	8.80	8.90	8.00	7.50
3745276.78	9.50	9.40	8.60	7.50
3745189.74	9.20	9.60	8.40	7.40
3745102.70	9.40	9.80	9.40	8.30
3745015.66	8.90	9.40	9.50	9.10
3744928.62	8.90	8.90	8.90	9.20
3744841.58	9.30	9.80	9.80	9.90
3744754.54	10.60	10.10	10.10	9.70
3744667.50	11.50	11.10	10.60	10.00
3744580.46	11.60	11.30	11.00	10.20
3744493.42	11.90	11.70	11.30	10.80
3744406.38	11.80	11.40	11.30	11.30
3744319.34	12.00	12.10	11.90	11.40
3744232.30	12.00	11.90	11.60	11.30
3744145.26	12.40	12.20	12.10	12.00
3744058.22	12.60	12.40	12.10	11.70
3743971.18	12.60	12.50	11.90	11.60
3743884.14	13.70	12.20	12.20	12.00
3743797.10	12.60	12.20	12.50	12.10
3743710.06	12.40	12.30	12.80	12.20

3743623.02	12.60	12.60	12.70	12.20
3743535.98	12.80	12.70	12.30	12.00
3743448.94	12.80	12.80	12.60	11.90
3743361.90	12.60	12.70	12.90	12.00
3743274.86	12.70	12.30	14.10	11.80
3743187.82	12.90	12.50	14.30	13.50

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	377940.84	378033.32	378125.80	378218.28	378310.76
3746582.38	15.30	17.70	18.90	18.80	19.70
3746495.34	14.50	16.10	18.40	18.00	18.80
3746408.30	16.30	15.30	18.50	17.70	17.40
3746321.26	18.60	15.20	17.30	17.40	17.00
3746234.22	19.80	18.10	17.10	16.90	16.60
3746147.18	18.20	19.60	16.70	16.30	16.20
3746060.14	17.40	18.10	16.30	16.00	16.40
3745973.10	16.40	17.50	16.80	16.20	16.10
3745886.06	16.80	16.80	16.90	16.90	16.10
3745799.02	20.40	17.40	17.50	17.00	17.00
3745711.98	20.80	23.60	18.40	17.80	17.60
3745624.94	21.10	21.40	20.20	18.60	17.30
3745537.90	21.40	22.10	18.00	18.20	19.00
3745450.86	21.30	18.90	19.30	18.50	17.90
3745363.82	21.30	18.60	19.00	18.90	19.00
3745276.78	21.80	21.20	19.80	19.70	20.00

Y-COORD (METERS)	X-COORD (METERS)				
	378403.24	378495.72	378588.20	378680.68	
3746582.38	18.80	19.00	19.90		
3746495.34	18.00	19.90	19.90		
3746408.30	17.70	18.60	18.60		
3746321.26	17.40	17.50	17.90		
3746234.22	16.90	17.90	18.00		
3746147.18	16.30	18.00	17.80		
3746060.14	16.00	17.90	17.80		
3745973.10	16.20	16.30	18.00		
3745886.06	16.90	16.90	17.90		
3745799.02	17.00	16.20	17.20		
3745711.98	17.80	15.60	16.00		
3745624.94	18.60	16.50	16.70		
3745537.90	18.20	15.50	16.50		
3745450.86	18.50	15.20	15.70		
3745363.82	18.90	21.50	14.60		
3745276.78	19.70	20.60	14.60		

3745189.74	21.80	22.00	20.40	19.80	19.80
20.50	21.00	20.90	21.20		
3745102.70	21.50	21.50	20.40	19.80	19.80
20.60	20.50	21.60	20.70		
3745015.66	21.90	20.80	21.00	20.00	20.00
20.00	20.20	19.80	20.70		
3744928.62	23.60	22.70	21.90	21.60	20.60
20.10	19.70	20.70	20.70		
3744841.58	24.00	23.40	22.30	21.90	20.50
19.80	18.20	17.80	16.30		
3744754.54	25.60	24.00	23.70	22.30	21.70
21.00	20.60	20.50	18.00		
3744667.50	26.00	24.70	23.60	23.20	22.50
21.20	21.10	20.90	19.10		
3744580.46	25.00	24.40	23.80	22.80	22.30
21.70	20.90	19.90	18.70		
3744493.42	26.30	24.60	24.10	23.50	22.70
22.30	21.10	20.20	19.90		
3744406.38	25.00	24.70	24.60	23.20	22.40
22.00	20.80	20.40	20.00		
3744319.34	25.60	24.70	24.30	23.30	21.90
24.80	20.70	21.50	20.10		
3744232.30	25.70	24.60	23.60	22.80	22.10
21.30	20.50	19.80	18.90		
3744145.26	25.50	25.00	23.60	22.10	21.80
21.20	20.20	20.30	19.70		
3744058.22	23.50	22.60	22.00	21.20	20.80
20.50	20.00	21.20	20.40		
3743971.18	22.30	22.30	22.00	21.60	21.30
20.20	19.80	20.60	19.80		
3743884.14	21.90	21.70	21.20	21.00	21.00
20.60	19.60	20.20	19.50		
3743797.10	21.90	22.30	21.60	20.70	20.80
20.30	19.60	20.20	19.40		
3743710.06	22.30	22.30	21.60	21.00	20.80
20.50	19.80	19.80	20.00		
3743623.02	22.60	22.80	22.20	21.80	21.20
20.80	19.90	20.00	20.00		
3743535.98	23.40	22.30	22.10	21.50	21.10
20.90	20.00	19.70	19.90		
3743448.94	24.10	23.00	22.80	22.00	21.30
21.30	20.40	19.80	19.50		
3743361.90	24.90	23.80	23.00	23.40	22.50
21.50	21.00	19.90	19.50		
3743274.86	26.00	24.60	25.70	26.90	25.00
23.40	22.10	20.60	20.20		
3743187.82	26.00	24.90	24.30	24.80	24.60
24.80	23.70	23.20	21.30		

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	378773.16	378865.64	378958.12	379050.60	379143.08	379235.56	379328.04	379420.52	379513.00
3746582.38	19.00	18.50	18.40	17.10	17.80	17.70	17.90	17.40	16.70
3746495.34	19.40	18.80	18.50	17.20	17.80	17.70	17.40	17.90	16.60
3746408.30	18.80	18.60	18.10	17.90	17.40	18.00	18.10	18.00	16.60
3746321.26	18.70	18.00	18.50	17.80	17.30	17.90	18.10	17.80	17.60
3746234.22	18.20	17.30	18.00	17.70	17.10	17.20	17.60	17.80	16.70
3746147.18	17.70	16.90	17.70	17.40	16.60	17.80	17.40	17.30	16.00
3746060.14	17.40	16.60	17.70	17.60	17.10	18.10	17.10	15.70	15.40
3745973.10	18.10	16.30	16.20	16.10	17.00	16.70	16.10	15.50	14.80
3745886.06	17.90	16.60	16.70	15.70	15.60	16.30	16.10	15.00	15.20
3745799.02	16.70	17.20	17.00	16.60	14.90	13.30	13.90	14.50	14.50
3745711.98	16.50	17.80	17.40	17.00	16.60	15.80	13.20	14.00	14.10
3745624.94	17.60	17.60	17.50	17.00	16.50	16.30	15.50	13.70	14.10
3745537.90	17.00	16.80	16.60	16.20	16.20	15.60	15.20	14.60	13.50
3745450.86	16.70	16.10	16.50	16.60	15.50	15.40	15.20	14.70	13.30
3745363.82	16.00	15.70	15.70	15.30	15.10	15.10	14.40	14.40	14.40
3745276.78	16.20	15.60	14.60	14.10	14.40	14.10	15.30	14.20	13.80

3745189.74		16.00	16.00	15.70	15.40	13.70	15.10	15.10	14.40	13.90
3745102.70		13.70	14.80	16.20	14.30	14.70	13.70	13.20	13.10	13.80
3745015.66		12.90	12.50	14.70	15.20	14.30	13.60	13.40	12.00	13.10
3744928.62		12.10	12.10	11.70	13.80	14.70	13.90	13.60	12.00	11.40
3744841.58		16.20	13.20	11.40	9.40	11.40	10.60	12.20	11.60	11.60
3744754.54		17.20	15.50	15.90	14.50	12.90	14.80	12.20	10.00	10.70
3744667.50		17.70	16.90	16.50	16.10	14.80	15.20	15.50	15.80	15.40
3744580.46		18.00	17.20	16.90	16.10	16.10	15.90	15.70	15.50	15.00
3744493.42		22.70	17.50	17.30	16.10	15.50	15.20	14.90	14.90	14.00
3744406.38		22.10	17.70	16.80	16.10	15.50	14.90	14.50	14.20	14.00
3744319.34		19.40	17.90	17.70	17.30	16.40	15.50	14.80	14.50	14.40
3744232.30		18.50	18.10	17.60	17.10	16.60	16.10	15.60	15.60	15.80
3744145.26		18.60	18.30	18.00	17.00	16.70	16.10	16.80	16.20	15.50
3744058.22		19.10	18.40	18.10	17.20	16.80	16.70	16.60	16.00	15.50
3743971.18		19.30	18.60	18.10	17.60	17.10	16.80	16.60	16.30	16.00
3743884.14		19.30	18.70	18.80	18.10	18.00	17.40	16.70	16.00	15.90
3743797.10		19.40	18.70	20.30	19.20	18.20	17.60	16.90	16.20	15.70
3743710.06		19.30	18.50	19.20	19.20	18.20	17.60	17.10	16.30	15.20
3743623.02		19.40	18.30	18.80	18.60	18.10	17.40	17.00	16.80	16.50
3743535.98		19.30	18.10	17.70	17.40	16.80	16.80	16.40	15.90	15.40
3743448.94		18.50	17.90	17.00	16.70	16.30	16.10	15.90	15.50	15.00
3743361.90		19.10	18.10	17.60	17.40	17.10	17.00	16.30	15.90	15.70
3743274.86		19.70	18.50	17.80	17.40	17.10	16.80	16.60	16.30	15.90
3743187.82		20.50	18.80	17.70	17.10	16.70	16.60	16.30	16.10	15.60

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	379605.48	379697.96	379790.44	379882.92	379975.40	380067.88	380160.36	380252.84	380345.32
3746582.38	16.40	16.40	15.70	15.00	14.10	13.00	12.90	12.40	12.10
3746495.34	16.20	16.40	15.60	14.40	13.80	13.10	13.20	12.70	12.20
3746408.30	16.30	16.50	15.40	14.80	13.60	13.60	12.90	12.70	11.90
3746321.26	16.90	15.90	15.60	13.90	13.50	12.90	12.60	11.70	11.50
3746234.22	16.00	15.30	15.20	14.90	13.70	13.00	12.50	11.90	11.80
3746147.18	15.60	15.50	14.80	13.90	13.50	12.70	12.60	13.30	12.40
3746060.14	16.10	15.20	14.30	13.80	13.40	12.60	12.50	12.60	12.10
3745973.10	15.00	14.40	13.80	13.70	13.50	13.20	12.80	12.30	11.60
3745886.06	15.10	15.10	13.30	13.10	13.20	12.80	12.60	11.80	11.60
3745799.02	14.50	14.50	12.90	10.40	12.40	12.40	11.90	11.90	11.30
3745711.98	14.10	14.20	13.00	12.40	11.90	12.20	12.30	11.70	9.10
3745624.94	13.10	13.80	13.20	11.90	11.60	12.00	12.40	11.50	11.50
3745537.90	13.40	13.40	12.90	12.50	7.80	12.20	12.60	12.30	11.40
3745450.86	13.20	13.20	12.00	10.60	7.30	11.70	12.60	12.10	11.90
3745363.82	14.20	14.00	12.60	10.70	9.00	10.50	12.50	12.20	11.80
3745276.78	14.20	14.20	13.10	12.20	12.40	10.90	11.90	11.20	10.10

3745189.74	12.60	13.50	13.80	13.60	13.70
	11.60	11.00	10.10	8.70	
3745102.70	12.80	13.30	13.20	13.40	13.80
	11.50	11.00	11.20	11.50	
3745015.66	12.40	12.90	12.70	12.50	12.90
	13.20	12.10	12.20	12.00	
3744928.62	12.20	12.10	12.20	11.60	12.00
	12.40	12.30	11.90	11.60	
3744841.58	12.20	11.90	12.10	10.50	12.10
	12.40	12.20	11.90	11.50	
3744754.54	8.70	10.90	11.10	9.50	8.60
	8.80	9.20	8.90	8.30	
3744667.50	9.00	9.80	10.50	9.20	8.80
	8.80	8.90	9.00	9.00	
3744580.46	11.20	10.10	11.00	11.30	11.80
	8.60	8.70	9.10	9.60	
3744493.42	12.00	12.80	13.00	12.40	12.20
	11.70	11.90	12.40	11.60	
3744406.38	12.40	13.90	13.90	13.00	12.70
	11.90	12.40	12.70	11.60	
3744319.34	14.00	15.30	15.30	14.20	14.60
	13.80	12.70	12.80	10.50	
3744232.30	13.50	15.70	15.30	14.80	14.40
	13.00	12.70	12.50	12.30	
3744145.26	13.50	15.30	15.10	14.90	13.50
	13.40	13.30	12.10	13.10	
3744058.22	13.20	15.40	15.20	14.50	13.40
	13.10	13.00	12.50	13.50	
3743971.18	13.20	15.70	15.20	14.30	13.30
	13.00	12.90	12.90	12.70	
3743884.14	13.10	15.60	14.90	14.00	13.10
	12.80	12.80	12.80	12.40	
3743797.10	13.80	15.50	15.20	14.60	13.80
	13.30	12.70	12.30	12.40	
3743710.06	13.60	14.90	14.70	14.80	14.30
	13.10	12.50	12.30	12.30	
3743623.02	13.60	16.00	14.80	15.10	14.70
	13.20	12.70	12.60	12.40	
3743535.98	13.90	15.60	15.70	14.70	14.40
	14.00	13.10	13.10	12.40	
3743448.94	13.40	14.70	14.40	14.40	13.70
	13.00	12.70	12.20	12.30	
3743361.90	14.90	15.50	15.30	15.10	14.60
	13.30	12.80	12.60	12.50	
3743274.86	14.60	15.70	15.50	15.30	15.80
	13.30	13.00	12.60	12.30	
3743187.82	14.40	15.30	15.00	15.00	14.80
	13.60	13.30	12.30	12.00	

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	380437.80	380530.28	380622.76	380715.24	380807.72	380900.20	380992.68	381085.16	381177.64
3746582.38	11.90	12.20	11.20	10.90	9.90	8.40	8.70	8.20	9.90
3746495.34	12.20	12.30	11.60	11.20	10.10	9.20	7.80	9.40	8.50
3746408.30	12.10	11.70	11.20	10.70	10.00	8.60	7.50	9.30	8.20
3746321.26	11.20	11.30	10.90	10.50	9.90	8.80	7.60	9.70	9.30
3746234.22	13.30	11.20	11.00	10.10	10.10	8.60	8.90	9.20	7.50
3746147.18	12.00	11.10	11.00	10.60	9.70	8.90	8.00	10.40	7.80
3746060.14	12.50	10.80	10.80	11.10	10.50	10.00	8.50	11.60	8.00
3745973.10	11.20	11.00	10.40	10.40	10.00	9.60	8.90	11.60	13.80
3745886.06	11.20	11.10	10.10	11.10	10.30	9.90	9.10	13.00	14.50
3745799.02	11.30	10.10	8.90	11.10	10.50	10.70	10.40	14.20	15.20
3745711.98	9.30	9.80	7.00	10.20	9.70	8.90	8.20	14.40	8.30
3745624.94	9.40	8.10	6.60	10.00	9.50	9.50	14.30	14.20	9.10
3745537.90	10.80	10.00	7.00	8.80	9.80	8.70	14.60	14.50	9.20
3745450.86	11.30	10.60	9.40	9.00	9.70	9.10	14.40	14.80	9.70
3745363.82	11.00	8.10	7.60	8.50	9.30	10.10	14.50	9.40	9.10
3745276.78	8.50	8.50	7.80	10.00	10.70	10.50	14.00	9.40	8.80

3745189.74	8.10	8.10	8.00	11.00	10.90
10.90	13.50	9.30	8.80		
3745102.70	11.80	8.30	8.10	11.00	11.10
11.10	10.30	9.40	9.20		
3745015.66	11.80	8.40	8.20	10.90	11.10
11.70	10.30	9.80	9.00		
3744928.62	11.60	8.40	10.30	11.10	11.60
11.40	10.70	9.90	8.60		
3744841.58	8.20	8.50	10.80	11.20	11.40
10.40	11.10	10.10	9.60		
3744754.54	8.30	8.60	10.10	11.20	11.50
12.40	11.50	11.70	11.40		
3744667.50	8.00	8.20	9.30	11.10	11.90
13.10	11.80	12.10	11.90		
3744580.46	8.40	8.20	10.00	12.10	12.40
12.70	12.00	12.10	12.00		
3744493.42	11.10	8.90	9.80	11.80	12.30
12.60	12.20	12.40	12.30		
3744406.38	12.40	11.10	9.00	11.40	11.50
12.90	12.40	12.30	12.20		
3744319.34	10.20	10.70	10.90	11.90	12.00
13.20	12.60	11.90	12.40		
3744232.30	12.10	11.80	11.70	12.00	12.30
13.00	12.80	12.40	12.10		
3744145.26	14.10	13.60	12.40	13.50	12.70
13.40	13.00	12.80	12.70		
3744058.22	14.30	14.00	12.70	14.80	12.90
13.90	13.10	13.00	12.80		
3743971.18	13.30	13.60	12.90	13.30	13.00
13.90	12.90	12.80	12.50		
3743884.14	12.70	13.30	13.00	13.30	13.20
12.90	12.80	12.50	12.60		
3743797.10	14.60	13.00	13.10	13.30	13.00
12.80	12.70	12.70	12.50		
3743710.06	12.40	13.20	13.10	12.80	12.50
13.20	12.80	13.50	12.70		
3743623.02	12.90	13.70	13.50	13.50	13.10
13.80	12.90	13.60	12.80		
3743535.98	13.00	14.10	13.60	13.60	12.90
14.20	13.00	13.70	12.90		
3743448.94	12.80	13.70	13.60	13.10	13.00
12.60	12.90	12.90	12.80		
3743361.90	13.10	14.10	14.30	13.70	12.90
12.70	12.70	14.10	13.00		
3743274.86	12.60	13.40	13.80	13.90	13.40
12.50	12.60	12.60	12.10		
3743187.82	13.00	13.10	13.70	13.60	13.20
12.60	12.80	12.60	11.90		

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)			
	381270.12	381362.60	381455.08	381547.56
3746582.38	8.00	8.30	15.50	15.50
3746495.34	8.50	8.20	7.70	7.40
3746408.30	8.50	8.40	7.90	7.40
3746321.26	7.60	7.80	7.60	7.30
3746234.22	7.80	8.00	8.10	7.00
3746147.18	8.00	9.10	8.60	14.00
3746060.14	7.60	9.60	8.70	7.10
3745973.10	7.70	8.40	8.10	7.20
3745886.06	13.30	9.60	8.90	7.60
3745799.02	8.20	7.90	8.60	7.20
3745711.98	8.20	7.80	8.50	7.20
3745624.94	8.40	8.50	8.70	7.70
3745537.90	9.00	8.70	8.80	8.00
3745450.86	9.70	8.60	8.50	7.60
3745363.82	8.80	8.90	8.00	7.50
3745276.78	9.50	9.40	8.60	7.50
3745189.74	9.20	9.60	8.40	7.40
3745102.70	9.40	9.80	9.40	8.30
3745015.66	8.90	9.40	9.50	9.10
3744928.62	8.90	8.90	8.90	9.20
3744841.58	9.30	9.80	9.80	9.90
3744754.54	10.60	10.10	10.10	9.70
3744667.50	11.50	11.10	10.60	10.00
3744580.46	11.60	11.30	11.00	10.20
3744493.42	11.90	11.70	11.30	10.80
3744406.38	11.80	11.40	11.30	11.30
3744319.34	12.00	12.10	11.90	11.40
3744232.30	12.00	11.90	11.60	11.30
3744145.26	12.40	12.20	12.10	12.00
3744058.22	12.60	12.40	12.10	11.70
3743971.18	12.60	12.50	11.90	11.60
3743884.14	13.70	12.20	12.20	12.00
3743797.10	12.60	12.20	12.50	12.10
3743710.06	12.40	12.30	12.80	12.20

3743623.02	12.60	12.60	12.70	12.20
3743535.98	12.80	12.70	12.30	12.00
3743448.94	12.80	12.80	12.60	11.90
3743361.90	12.60	12.70	12.90	12.00
3743274.86	12.70	12.30	14.10	11.80
3743187.82	12.90	12.50	14.30	13.50

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(378620.8, 3744869.6, 16.4, 20.1, 0.0); (378623.6, 3744861.8, 16.7, 20.1, 0.0);
(378624.3, 3744854.4, 17.0, 17.0, 0.0); (378610.0, 3744884.8, 15.9, 20.1, 0.0);
(378596.5, 3744883.1, 16.1, 16.1, 0.0); (378628.0, 3744836.0, 17.6, 17.6, 0.0);
(378617.4, 3744845.2, 17.5, 17.5, 0.0); (378628.0, 3744828.0, 17.8, 17.8, 0.0);
(378626.4, 3744814.4, 18.2, 18.2, 0.0); (378627.5, 3744806.1, 18.4, 18.4, 0.0);
(378886.3, 3744848.9, 12.0, 13.1, 0.0); (378885.9, 3744815.4, 14.0, 14.0, 0.0);
(378887.6, 3744793.8, 14.7, 14.7, 0.0); (378886.8, 3744761.2, 15.8, 15.8, 0.0);
(378885.9, 3744744.1, 16.1, 16.1, 0.0); (378888.1, 3744731.3, 16.5, 18.8, 0.0);
(378887.2, 3744693.0, 17.2, 18.5, 0.0); (378889.4, 3744664.8, 17.0, 17.0, 0.0);
(378904.4, 3744664.8, 17.0, 17.0, 0.0); (378888.1, 3744624.7, 17.4, 17.4, 0.0);
(378757.3, 3744614.6, 18.1, 18.1, 0.0); (378843.6, 3744605.3, 17.9, 17.9, 0.0);
(378944.0, 3744890.3, 10.9, 10.9, 0.0); (378945.3, 3744906.6, 11.1, 11.1, 0.0);
(378941.4, 3744936.5, 11.8, 11.8, 0.0); (378966.5, 3744875.7, 10.6, 10.6, 0.0);
(378963.4, 3744841.8, 11.2, 11.2, 0.0); (378972.2, 3745032.5, 14.3, 14.3, 0.0);
(378951.9, 3745014.0, 14.2, 14.2, 0.0); (379017.5, 3745064.2, 15.0, 15.0, 0.0);
(379034.7, 3745081.0, 14.8, 14.8, 0.0); (379054.1, 3745098.1, 14.7, 14.7, 0.0);
(379088.0, 3745122.3, 14.4, 14.4, 0.0); (379107.8, 3745139.5, 14.2, 14.2, 0.0);
(379123.7, 3745152.3, 14.1, 14.1, 0.0); (379138.2, 3745164.6, 14.1, 14.1, 0.0);
(379162.0, 3745183.1, 14.0, 14.0, 0.0); (379062.9, 3745176.1, 15.0, 15.0, 0.0);
(379093.3, 3745201.6, 14.6, 14.6, 0.0); (379118.4, 3745221.4, 14.4, 14.4, 0.0);

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     ( 379158.5, 3745254.5,      14.1,      14.1,       0.0);         (
379202.5, 3745215.7,      14.6,      14.6,       0.0);
     ( 379199.4, 3745287.5,      14.7,      14.7,       0.0);         (
379227.2, 3745235.5,      14.8,      14.8,       0.0);
     ( 379248.8, 3745254.0,      15.0,      15.0,       0.0);         (
379237.3, 3745317.9,      14.9,      14.9,       0.0);
     ( 379287.1, 3745287.5,      14.9,      14.9,       0.0);         (
379269.0, 3745345.2,      14.9,      14.9,       0.0);
     ( 379334.2, 3745324.5,      14.9,      14.9,       0.0);         (
379400.2, 3745362.5,      14.4,      14.4,       0.0);
     ( 379495.6, 3745379.3,      14.0,      14.0,       0.0);         (
379572.4, 3745378.6,      13.9,      13.9,       0.0);
     ( 379682.4, 3745378.2,      13.7,      13.7,       0.0);         (
380024.6, 3745371.4,       9.9,       9.9,       0.0);
     ( 379907.0, 3745405.1,       8.8,       8.8,       0.0);         (
380102.5, 3745406.3,      12.4,      12.4,       0.0);
     ( 380184.5, 3745377.1,      12.4,      12.4,       0.0);         (
380246.3, 3745405.8,      12.2,      12.2,       0.0);
     ( 380253.9, 3745376.2,      12.2,      12.2,       0.0);         (
380375.2, 3745402.6,      11.8,      11.8,       0.0);
     ( 380433.7, 3745378.7,      11.2,      11.2,       0.0);         (
380479.8, 3745405.1,      10.6,      10.6,       0.0);
     ( 378577.2, 3744877.2,      16.6,      16.6,       0.0);         (
378564.8, 3744790.9,      19.1,      19.1,       0.0);
     ( 378556.7, 3744872.8,      16.7,      16.7,       0.0);         (
378564.0, 3744850.1,      17.8,      17.8,       0.0);
     ( 378564.8, 3744817.2,      18.6,      18.6,       0.0);         (
378592.6, 3744815.0,      18.5,      18.5,       0.0);
     ( 378764.1, 3744792.3,      17.2,      17.2,       0.0);         (
378689.6, 3744758.7,      17.9,      17.9,       0.0);
     ( 378765.5, 3744756.0,      17.5,      17.5,       0.0);         (
378659.0, 3744761.8,      18.0,      18.0,       0.0);
     ( 378779.0, 3744994.0,      12.4,      12.4,       0.0);         (
378706.6, 3744979.2,      13.0,      13.0,       0.0);
     ( 378659.0, 3744967.5,      13.2,      20.7,       0.0);         (
378892.6, 3744908.2,      12.1,      12.1,       0.0);
     ( 378619.5, 3744783.4,      18.8,      18.8,       0.0);         (
378696.3, 3744700.7,      18.2,      18.2,       0.0);
     ( 378604.2, 3744668.4,      20.7,      20.7,       0.0);         (
378893.1, 3745065.9,      15.2,      15.2,       0.0);
     ( 378986.5, 3745118.5,      15.2,      15.2,       0.0);         (
378942.0, 3745078.1,      15.3,      15.3,       0.0);
     ( 378554.8, 3744977.9,      16.2,      20.4,       0.0);         (
378817.6, 3745024.6,      12.4,      12.4,       0.0);
     ( 378731.8, 3745080.3,      13.3,      13.3,       0.0);         (
378877.7, 3744943.5,      12.2,      12.2,       0.0);
     ( 378684.2, 3744545.3,      19.8,      19.8,       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 1   1 1 1 1 1 1
```

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

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

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

Surface file: ..\..\Met Files\KHHR_V9_ADJU\KHHR_v9.SFC
Met Version: 16216
Profile file: ..\..\Met Files\KHHR_V9_ADJU\KHHR_v9.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 3167 Upper air station no.: 3190
Name: HAWTHORNE_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	-999.0	-9.000	-9.000	-999.	-999.	-99999.0	0.24	2.79	1.00	0.00	0.	7.9	283.8	2.0	
12	01	01	1	02	-2.1	0.068	-9.000	-9.000	-999.	43.	13.3	0.24	2.79	1.00	0.53	305.	7.9	283.1	2.0
12	01	01	1	03	-9.0	0.127	-9.000	-9.000	-999.	109.	20.8	0.24	2.79	1.00	1.18	323.	7.9	282.5	2.0
12	01	01	1	04	-2.2	0.068	-9.000	-9.000	-999.	43.	13.3	0.24	2.79	1.00	0.53	296.	7.9	282.0	2.0
12	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.24	2.79	1.00	0.00	0.	7.9	281.4	2.0
12	01	01	1	06	-6.0	0.103	-9.000	-9.000	-999.	80.	16.7	0.24	2.79	1.00	0.97	321.	7.9	281.4	2.0
12	01	01	1	07	-4.3	0.088	-9.000	-9.000	-999.	63.	14.4	0.24	2.79	1.00	0.82	313.	7.9	280.4	2.0
12	01	01	1	08	15.7	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.24	2.79	0.55	0.00	0.	7.9	281.4	2.0
12	01	01	1	09	35.7	0.115	0.353	0.013	45.	93.	-3.8	0.24	2.79	0.32	0.63	179.	7.9	285.4	2.0
12	01	01	1	10	109.0	0.141	0.727	0.009	128.	127.	-2.3	0.24	2.79	0.24	0.70	170.	7.9	289.2	2.0
12	01	01	1	11	164.4	0.149	1.186	0.005	370.	138.	-1.8	0.24	2.79	0.21	0.70	222.	7.9	297.0	2.0
12	01	01	1	12	191.7	0.163	1.525	0.005	672.	158.	-2.1	0.24	2.79	0.20	0.79	12.	7.9	299.9	2.0
12	01	01	1	13	191.3	0.170	1.819	0.005	1144.	168.	-2.3	0.24	2.79	0.20	0.84	260.	7.9	300.9	2.0

```
 12 01 01   1 14  161.6  0.344  1.852  0.005 1428.  483.    -22.7  0.24
2.79   0.21    2.49  260.    7.9  298.8    2.0
 12 01 01   1 15  105.0  0.367  1.638  0.005 1521.  534.    -42.8  0.24
2.79   0.24    2.84  292.    7.9  293.8    2.0
 12 01 01   1 16   29.7  0.383  1.079  0.005 1539.  570.   -172.5  0.24
2.79   0.33    3.22  276.    7.9  290.4    2.0
 12 01 01   1 17  -24.8  0.287 -9.000 -9.000 -999.  374.     90.3  0.24
2.79   0.59    2.52  284.    7.9  289.2    2.0
 12 01 01   1 18  -26.7  0.269 -9.000 -9.000 -999.  336.     79.8  0.24
2.79   1.00    2.38  285.    7.9  287.5    2.0
 12 01 01   1 19  -10.2  0.137 -9.000 -9.000 -999.  133.     22.7  0.24
2.79   1.00    1.26  287.    7.9  287.5    2.0
 12 01 01   1 20   -6.2  0.106 -9.000 -9.000 -999.   83.     17.2  0.24
2.79   1.00    0.99  303.    7.9  287.0    2.0
 12 01 01   1 21   -7.6  0.117 -9.000 -9.000 -999.   96.     19.1  0.24
2.79   1.00    1.09  326.    7.9  286.4    2.0
 12 01 01   1 22   -6.8  0.110 -9.000 -9.000 -999.   88.     18.0  0.24
2.79   1.00    1.03  297.    7.9  285.9    2.0
 12 01 01   1 23  -19.9  0.200 -9.000 -9.000 -999.  214.     43.9  0.24
2.79   1.00    1.79  290.    7.9  285.9    2.0
 12 01 01   1 24  -19.6  0.196 -9.000 -9.000 -999.  209.     42.3  0.24
2.79   1.00    1.76  282.    7.9  285.9    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    7.9 1 -999.  -99.00   283.8   99.0  -99.00  -99.00

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

*** 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 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS)									
	377940.84	378033.32	378125.80	378218.28	378310.76	378403.24	378495.72	378588.20	378680.68	
3746582.38	0.00016	0.00016	0.00017	0.00017	0.00016	0.00016	0.00015	0.00014	0.00014	
3746495.34	0.00017	0.00017	0.00018	0.00018	0.00018	0.00017	0.00016	0.00015	0.00015	
3746408.30	0.00017	0.00018	0.00019	0.00019	0.00019	0.00019	0.00018	0.00017	0.00016	
3746321.26	0.00018	0.00019	0.00020	0.00021	0.00021	0.00020	0.00019	0.00018	0.00018	
3746234.22	0.00019	0.00020	0.00021	0.00022	0.00023	0.00022	0.00021	0.00020	0.00019	
3746147.18	0.00020	0.00021	0.00023	0.00024	0.00025	0.00025	0.00024	0.00022	0.00021	
3746060.14	0.00021	0.00023	0.00024	0.00026	0.00027	0.00027	0.00027	0.00025	0.00024	
3745973.10	0.00023	0.00024	0.00026	0.00028	0.00030	0.00031	0.00030	0.00029	0.00027	
3745886.06	0.00025	0.00027	0.00028	0.00031	0.00033	0.00035	0.00034	0.00033	0.00031	
3745799.02	0.00027	0.00029	0.00031	0.00034	0.00037	0.00039	0.00040	0.00038	0.00036	
3745711.98	0.00031	0.00032	0.00035	0.00038	0.00041	0.00045	0.00047	0.00046	0.00043	

3745624.94	0.00035	0.00037	0.00039	0.00043	0.00047
0.00052	0.00055	0.00055	0.00052		
3745537.90	0.00040	0.00043	0.00047	0.00050	0.00054
0.00059	0.00067	0.00069	0.00065		
3745450.86	0.00044	0.00049	0.00054	0.00060	0.00066
0.00070	0.00081	0.00088	0.00085		
3745363.82	0.00049	0.00056	0.00064	0.00072	0.00081
0.00088	0.00101	0.00115	0.00117		
3745276.78	0.00053	0.00063	0.00073	0.00087	0.00102
0.00116	0.00136	0.00157	0.00171		
3745189.74	0.00057	0.00068	0.00084	0.00103	0.00129
0.00159	0.00193	0.00234	0.00275		
3745102.70	0.00060	0.00073	0.00093	0.00120	0.00159
0.00216	0.00294	0.00389	0.00515		
3745015.66	0.00060	0.00076	0.00098	0.00134	0.00189
0.00282	0.00453	0.00774	0.01262		
3744928.62	0.00062	0.00078	0.00101	0.00137	0.00202
0.00326	0.00647	0.01817	0.06105		
3744841.58	0.00066	0.00082	0.00106	0.00144	0.00211
0.00344	0.00665	0.01944	0.09484		
3744754.54	0.00067	0.00083	0.00106	0.00142	0.00198
0.00297	0.00493	0.00990	0.02380		
3744667.50	0.00066	0.00081	0.00101	0.00128	0.00169
0.00238	0.00360	0.00631	0.01140		
3744580.46	0.00063	0.00074	0.00088	0.00110	0.00140
0.00187	0.00276	0.00449	0.00646		
3744493.42	0.00056	0.00065	0.00077	0.00093	0.00115
0.00152	0.00223	0.00324	0.00419		
3744406.38	0.00050	0.00058	0.00067	0.00080	0.00099
0.00132	0.00190	0.00255	0.00294		
3744319.34	0.00045	0.00052	0.00060	0.00071	0.00089
0.00115	0.00165	0.00205	0.00216		
3744232.30	0.00041	0.00047	0.00054	0.00065	0.00082
0.00111	0.00146	0.00166	0.00165		
3744145.26	0.00038	0.00043	0.00050	0.00061	0.00079
0.00104	0.00128	0.00139	0.00130		
3744058.22	0.00036	0.00040	0.00048	0.00059	0.00076
0.00096	0.00109	0.00115	0.00103		
3743971.18	0.00034	0.00039	0.00046	0.00057	0.00073
0.00089	0.00096	0.00096	0.00087		
3743884.14	0.00032	0.00038	0.00045	0.00056	0.00070
0.00081	0.00084	0.00082	0.00074		
3743797.10	0.00031	0.00037	0.00045	0.00055	0.00066
0.00074	0.00074	0.00070	0.00064		
3743710.06	0.00031	0.00036	0.00044	0.00054	0.00062
0.00067	0.00065	0.00062	0.00056		
3743623.02	0.00030	0.00036	0.00044	0.00051	0.00058
0.00060	0.00058	0.00054	0.00049		
3743535.98	0.00030	0.00036	0.00043	0.00049	0.00053
0.00055	0.00052	0.00048	0.00044		
3743448.94	0.00030	0.00036	0.00042	0.00047	0.00049
0.00049	0.00047	0.00043	0.00040		
3743361.90	0.00030	0.00035	0.00040	0.00044	0.00045
0.00045	0.00042	0.00039	0.00036		

```
  3743274.86 |       0.00030      0.00034      0.00039      0.00041
0.00042      0.00041      0.00038      0.00035      0.00031
  3743187.82 |       0.00030      0.00034      0.00037      0.00038
0.00039      0.00037      0.00035      0.00031      0.00028
```

*** 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 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS)				
	378773.16	378865.64	378958.12	379050.60	379143.08
379235.56	379328.04	379420.52	379513.00		
3746582.38	0.00014	0.00014	0.00014	0.00014	0.00014
0.00014	0.00014	0.00013	0.00013	0.00012	
3746495.34	0.00015	0.00015	0.00015	0.00015	0.00015
0.00015	0.00015	0.00014	0.00013	0.00013	
3746408.30	0.00016	0.00016	0.00016	0.00016	0.00016
0.00016	0.00015	0.00015	0.00014	0.00014	
3746321.26	0.00017	0.00017	0.00017	0.00017	0.00017
0.00017	0.00016	0.00016	0.00015	0.00014	
3746234.22	0.00019	0.00019	0.00019	0.00019	0.00019
0.00019	0.00018	0.00017	0.00016	0.00016	
3746147.18	0.00021	0.00021	0.00021	0.00021	0.00021
0.00020	0.00019	0.00018	0.00017	0.00017	
3746060.14	0.00023	0.00023	0.00023	0.00023	0.00023
0.00022	0.00021	0.00020	0.00019	0.00019	
3745973.10	0.00026	0.00026	0.00026	0.00025	0.00025
0.00024	0.00023	0.00022	0.00022	0.00022	
3745886.06	0.00029	0.00029	0.00029	0.00028	0.00028
0.00027	0.00025	0.00025	0.00025	0.00025	
3745799.02	0.00034	0.00033	0.00033	0.00032	0.00032
0.00030	0.00029	0.00028	0.00029	0.00029	
3745711.98	0.00040	0.00039	0.00038	0.00037	0.00037
0.00035	0.00034	0.00034	0.00034	0.00035	

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  3745624.94 |       0.00048      0.00047      0.00045      0.00043
0.00041      0.00041      0.00041      0.00043      0.00044
  3745537.90 |       0.00061      0.00058      0.00056      0.00053
0.00051      0.00052      0.00054      0.00056      0.00058
  3745450.86 |       0.00079      0.00075      0.00071      0.00067
0.00067      0.00070      0.00074      0.00080      0.00084
  3745363.82 |       0.00109      0.00101      0.00096      0.00093
0.00096      0.00104      0.00144      0.00124      0.00119
  3745276.78 |       0.00160      0.00148      0.00141      0.00143
0.00154      0.00210      0.00165      0.00157      0.00148
  3745189.74 |       0.00264      0.00242      0.00241      0.00258
0.00297      0.00261      0.00241      0.00217      0.00193
  3745102.70 |       0.00531      0.00504      0.00517      0.00539
0.00475      0.00407      0.00341      0.00284      0.00237
  3745015.66 |       0.01588      0.01628      0.01421      0.01050
0.00767      0.00569      0.00430      0.00333      0.00262
  3744928.62 |       0.10808      0.08746      0.03031      0.01596
0.00976      0.00650      0.00458      0.00338      0.00258
  3744841.58 |       0.15683      0.10526      0.03291      0.01577
0.00912      0.00584      0.00403      0.00294      0.00223
  3744754.54 |       0.07185      0.09581      0.02431      0.01104
0.00641      0.00421      0.00298      0.00224      0.00174
  3744667.50 |       0.02370      0.01926      0.00960      0.00561
0.00374      0.00268      0.00202      0.00159      0.00128
  3744580.46 |       0.00816      0.00648      0.00453      0.00317
0.00230      0.00176      0.00140      0.00115      0.00096
  3744493.42 |       0.00439      0.00360      0.00295      0.00229
0.00174      0.00136      0.00109      0.00090      0.00077
  3744406.38 |       0.00276      0.00236      0.00208      0.00176
0.00143      0.00114      0.00093      0.00077      0.00065
  3744319.34 |       0.00193      0.00170      0.00155      0.00139
0.00119      0.00100      0.00083      0.00069      0.00059
  3744232.30 |       0.00146      0.00130      0.00122      0.00112
0.00100      0.00087      0.00074      0.00063      0.00055
  3744145.26 |       0.00114      0.00104      0.00098      0.00092
0.00085      0.00076      0.00067      0.00058      0.00051
  3744058.22 |       0.00093      0.00085      0.00082      0.00078
0.00073      0.00067      0.00060      0.00053      0.00047
  3743971.18 |       0.00078      0.00072      0.00070      0.00067
0.00063      0.00059      0.00054      0.00049      0.00044
  3743884.14 |       0.00066      0.00062      0.00060      0.00058
0.00055      0.00052      0.00049      0.00045      0.00040
  3743797.10 |       0.00057      0.00054      0.00051      0.00051
0.00049      0.00047      0.00044      0.00041      0.00038
  3743710.06 |       0.00050      0.00048      0.00047      0.00046
0.00044      0.00042      0.00040      0.00038      0.00035
  3743623.02 |       0.00045      0.00043      0.00042      0.00041
0.00040      0.00038      0.00037      0.00035      0.00033
  3743535.98 |       0.00040      0.00038      0.00038      0.00037
0.00036      0.00035      0.00034      0.00032      0.00031
  3743448.94 |       0.00036      0.00035      0.00034      0.00034
0.00033      0.00032      0.00031      0.00030      0.00029
  3743361.90 |       0.00033      0.00032      0.00031      0.00031
0.00031      0.00030      0.00029      0.00028      0.00027
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  3743274.86 |       0.00030      0.00029      0.00029      0.00029
0.00028      0.00028      0.00027      0.00026      0.00025
  3743187.82 |       0.00026      0.00027      0.00027      0.00027
0.00026      0.00026      0.00025      0.00024      0.00023
```

*** 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 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS)				
	379605.48	379697.96	379790.44	379882.92	379975.40	380067.88	380160.36	380252.84	380345.32
3746582.38	0.00012	0.00012	0.00012	0.00012	0.00012	0.00012	0.00012	0.00012	0.00012
3746495.34	0.00012	0.00012	0.00013	0.00013	0.00013	0.00013	0.00013	0.00013	0.00013
3746408.30	0.00013	0.00013	0.00014	0.00014	0.00014	0.00014	0.00014	0.00014	0.00014
3746321.26	0.00014	0.00015	0.00015	0.00015	0.00015	0.00015	0.00015	0.00015	0.00016
3746234.22	0.00016	0.00016	0.00016	0.00016	0.00016	0.00017	0.00017	0.00017	0.00017
3746147.18	0.00017	0.00018	0.00018	0.00018	0.00018	0.00018	0.00019	0.00019	0.00019
3746060.14	0.00019	0.00020	0.00020	0.00020	0.00021	0.00021	0.00021	0.00022	0.00022
3745973.10	0.00022	0.00022	0.00023	0.00023	0.00024	0.00024	0.00024	0.00025	0.00025
3745886.06	0.00025	0.00026	0.00026	0.00027	0.00028	0.00028	0.00028	0.00028	0.00028
3745799.02	0.00030	0.00031	0.00031	0.00032	0.00033	0.00033	0.00033	0.00033	0.00033
3745711.98	0.00036	0.00037	0.00038	0.00039	0.00039	0.00039	0.00039	0.00038	

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  3745624.94 |       0.00046      0.00047      0.00048      0.00048
0.00048      0.00047      0.00047      0.00046      0.00045
  3745537.90 |       0.00060      0.00061      0.00061      0.00061
0.00059      0.00058      0.00056      0.00054      0.00052
  3745450.86 |       0.00085      0.00085      0.00083      0.00081
0.00078      0.00074      0.00071      0.00068      0.00064
  3745363.82 |       0.00116      0.00111      0.00105      0.00099
0.00093      0.00087      0.00082      0.00078      0.00073
  3745276.78 |       0.00137      0.00126      0.00115      0.00105
0.00095      0.00087      0.00079      0.00072      0.00066
  3745189.74 |       0.00170      0.00150      0.00132      0.00116
0.00103      0.00091      0.00081      0.00073      0.00065
  3745102.70 |       0.00198      0.00167      0.00142      0.00122
0.00105      0.00092      0.00081      0.00071      0.00064
  3745015.66 |       0.00211      0.00172      0.00143      0.00121
0.00103      0.00089      0.00077      0.00068      0.00060
  3744928.62 |       0.00203      0.00163      0.00134      0.00112
0.00095      0.00082      0.00071      0.00063      0.00056
  3744841.58 |       0.00175      0.00142      0.00117      0.00098
0.00084      0.00072      0.00063      0.00056      0.00050
  3744754.54 |       0.00139      0.00114      0.00096      0.00081
0.00070      0.00061      0.00054      0.00048      0.00043
  3744667.50 |       0.00106      0.00089      0.00076      0.00066
0.00058      0.00051      0.00045      0.00041      0.00037
  3744580.46 |       0.00081      0.00070      0.00061      0.00054
0.00048      0.00043      0.00038      0.00035      0.00032
  3744493.42 |       0.00066      0.00058      0.00051      0.00045
0.00041      0.00037      0.00033      0.00031      0.00028
  3744406.38 |       0.00057      0.00050      0.00044      0.00040
0.00036      0.00033      0.00030      0.00027      0.00025
  3744319.34 |       0.00051      0.00045      0.00040      0.00036
0.00032      0.00030      0.00027      0.00025      0.00023
  3744232.30 |       0.00047      0.00042      0.00037      0.00033
0.00030      0.00027      0.00025      0.00023      0.00022
  3744145.26 |       0.00045      0.00039      0.00035      0.00031
0.00028      0.00026      0.00024      0.00022      0.00020
  3744058.22 |       0.00042      0.00037      0.00033      0.00030
0.00027      0.00024      0.00022      0.00021      0.00019
  3743971.18 |       0.00039      0.00035      0.00032      0.00029
0.00026      0.00024      0.00022      0.00020      0.00018
  3743884.14 |       0.00037      0.00033      0.00030      0.00028
0.00025      0.00023      0.00021      0.00019      0.00018
  3743797.10 |       0.00034      0.00031      0.00029      0.00026
0.00024      0.00022      0.00021      0.00019      0.00017
  3743710.06 |       0.00032      0.00030      0.00027      0.00025
0.00023      0.00022      0.00020      0.00019      0.00017
  3743623.02 |       0.00030      0.00028      0.00026      0.00024
0.00022      0.00021      0.00019      0.00018      0.00017
  3743535.98 |       0.00029      0.00026      0.00024      0.00023
0.00021      0.00020      0.00019      0.00018      0.00017
  3743448.94 |       0.00027      0.00025      0.00023      0.00022
0.00020      0.00019      0.00018      0.00017      0.00016
  3743361.90 |       0.00025      0.00024      0.00022      0.00021
0.00019      0.00018      0.00017      0.00016      0.00016
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  3743274.86 |       0.00024      0.00023      0.00021      0.00020
0.00019      0.00017      0.00016      0.00016      0.00015
  3743187.82 |       0.00023      0.00022      0.00020      0.00019
0.00018      0.00017      0.00016      0.00015      0.00014
```

*** 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 , A0000020 ,
A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 380437.80	380530.28	380622.76	380715.24	380807.72	380900.20	380992.68	381085.16	381177.64
3746582.38	0.00012	0.00012	0.00012	0.00012	0.00013	0.00013	0.00013	0.00013	0.00013
3746495.34	0.00013	0.00013	0.00013	0.00014	0.00014	0.00014	0.00014	0.00014	0.00014
3746408.30	0.00014	0.00014	0.00015	0.00015	0.00015	0.00015	0.00015	0.00015	0.00015
3746321.26	0.00016	0.00016	0.00016	0.00016	0.00016	0.00016	0.00016	0.00016	0.00016
3746234.22	0.00017	0.00018	0.00018	0.00018	0.00018	0.00018	0.00018	0.00017	0.00017
3746147.18	0.00019	0.00020	0.00020	0.00020	0.00020	0.00019	0.00019	0.00019	0.00019
3746060.14	0.00022	0.00022	0.00022	0.00022	0.00022	0.00022	0.00021	0.00021	0.00021
3745973.10	0.00025	0.00025	0.00025	0.00024	0.00024	0.00024	0.00024	0.00024	0.00023
3745886.06	0.00028	0.00028	0.00028	0.00028	0.00027	0.00027	0.00027	0.00027	0.00027
3745799.02	0.00032	0.00032	0.00032	0.00031	0.00031	0.00030	0.00030	0.00032	0.00032
3745711.98	0.00037	0.00037	0.00036	0.00035	0.00034	0.00034	0.00033	0.00036	0.00034

3745624.94	0.00043	0.00042	0.00040	0.00039	0.00038
0.00038	0.00061	0.00042	0.00045		
3745537.90	0.00050	0.00048	0.00045	0.00044	0.00042
0.00042	0.00056	0.00043	0.00040		
3745450.86	0.00061	0.00057	0.00054	0.00052	0.00049
0.00049	0.00064	0.00055	0.00037		
3745363.82	0.00069	0.00064	0.00061	0.00058	0.00055
0.00052	0.00045	0.00040	0.00034		
3745276.78	0.00060	0.00055	0.00051	0.00047	0.00044
0.00041	0.00037	0.00034	0.00032		
3745189.74	0.00059	0.00054	0.00049	0.00045	0.00041
0.00038	0.00035	0.00033	0.00030		
3745102.70	0.00057	0.00052	0.00047	0.00043	0.00039
0.00036	0.00033	0.00031	0.00029		
3745015.66	0.00054	0.00049	0.00044	0.00040	0.00037
0.00034	0.00031	0.00029	0.00027		
3744928.62	0.00050	0.00045	0.00041	0.00037	0.00034
0.00031	0.00029	0.00027	0.00025		
3744841.58	0.00045	0.00040	0.00037	0.00034	0.00031
0.00029	0.00027	0.00025	0.00023		
3744754.54	0.00039	0.00036	0.00033	0.00030	0.00028
0.00026	0.00024	0.00023	0.00021		
3744667.50	0.00034	0.00031	0.00029	0.00027	0.00025
0.00023	0.00022	0.00020	0.00019		
3744580.46	0.00029	0.00027	0.00025	0.00023	0.00022
0.00020	0.00019	0.00018	0.00017		
3744493.42	0.00026	0.00024	0.00022	0.00021	0.00020
0.00018	0.00017	0.00016	0.00015		
3744406.38	0.00023	0.00022	0.00020	0.00019	0.00018
0.00017	0.00016	0.00015	0.00014		
3744319.34	0.00022	0.00020	0.00019	0.00018	0.00017
0.00015	0.00015	0.00014	0.00013		
3744232.30	0.00020	0.00019	0.00018	0.00017	0.00016
0.00015	0.00014	0.00013	0.00013		
3744145.26	0.00019	0.00018	0.00017	0.00016	0.00015
0.00014	0.00013	0.00013	0.00012		
3744058.22	0.00018	0.00017	0.00016	0.00015	0.00014
0.00013	0.00013	0.00012	0.00012		
3743971.18	0.00017	0.00016	0.00015	0.00014	0.00014
0.00013	0.00012	0.00012	0.00011		
3743884.14	0.00017	0.00016	0.00015	0.00014	0.00013
0.00012	0.00012	0.00011	0.00011		
3743797.10	0.00016	0.00015	0.00014	0.00013	0.00013
0.00012	0.00011	0.00011	0.00011		
3743710.06	0.00016	0.00015	0.00014	0.00013	0.00012
0.00012	0.00011	0.00011	0.00010		
3743623.02	0.00016	0.00015	0.00014	0.00013	0.00012
0.00011	0.00011	0.00010	0.00010		
3743535.98	0.00016	0.00014	0.00014	0.00013	0.00012
0.00011	0.00011	0.00010	0.00010		
3743448.94	0.00015	0.00014	0.00013	0.00013	0.00012
0.00011	0.00010	0.00010	0.00009		
3743361.90	0.00015	0.00014	0.00013	0.00012	0.00012
0.00011	0.00010	0.00010	0.00009		

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  3743274.86 |       0.00014      0.00014      0.00013      0.00012
0.00012      0.00011      0.00010      0.00010      0.00009
  3743187.82 |       0.00014      0.00013      0.00013      0.00012
0.00011      0.00011      0.00010      0.00010      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 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS)			
	381270.12	381362.60	381455.08	381547.56
3746582.38	0.00013	0.00013	0.00013	0.00013
3746495.34	0.00014	0.00014	0.00014	0.00013
3746408.30	0.00015	0.00015	0.00015	0.00014
3746321.26	0.00016	0.00016	0.00016	0.00016
3746234.22	0.00017	0.00017	0.00017	0.00017
3746147.18	0.00019	0.00019	0.00019	0.00018
3746060.14	0.00021	0.00021	0.00020	0.00020
3745973.10	0.00023	0.00023	0.00022	0.00022
3745886.06	0.00025	0.00025	0.00024	0.00023
3745799.02	0.00028	0.00027	0.00025	0.00024
3745711.98	0.00030	0.00028	0.00027	0.00025
3745624.94	0.00032	0.00030	0.00028	0.00026
3745537.90	0.00033	0.00030	0.00028	0.00026
3745450.86	0.00032	0.00029	0.00027	0.00026
3745363.82	0.00031	0.00028	0.00027	0.00025
3745276.78	0.00029	0.00027	0.00026	0.00024
3745189.74	0.00028	0.00026	0.00024	0.00023
3745102.70	0.00027	0.00025	0.00023	0.00022
3745015.66	0.00025	0.00024	0.00022	0.00021
3744928.62	0.00023	0.00022	0.00021	0.00020
3744841.58	0.00022	0.00020	0.00019	0.00018
3744754.54	0.00020	0.00019	0.00018	0.00017
3744667.50	0.00018	0.00017	0.00016	0.00015

3744580.46	0.00016	0.00015	0.00015	0.00014
3744493.42	0.00015	0.00014	0.00013	0.00013
3744406.38	0.00013	0.00013	0.00012	0.00012
3744319.34	0.00013	0.00012	0.00011	0.00011
3744232.30	0.00012	0.00011	0.00011	0.00010
3744145.26	0.00011	0.00011	0.00010	0.00010
3744058.22	0.00011	0.00011	0.00010	0.00010
3743971.18	0.00011	0.00010	0.00010	0.00009
3743884.14	0.00010	0.00010	0.00010	0.00009
3743797.10	0.00010	0.00010	0.00009	0.00009
3743710.06	0.00010	0.00009	0.00009	0.00009
3743623.02	0.00009	0.00009	0.00009	0.00008
3743535.98	0.00009	0.00009	0.00008	0.00008
3743448.94	0.00009	0.00009	0.00008	0.00008
3743361.90	0.00009	0.00008	0.00008	0.00008
3743274.86	0.00009	0.00008	0.00008	0.00008
3743187.82	0.00009	0.00008	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 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

*** 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
378620.85	3744869.58	0.04768	378623.61	3744861.76	0.04858
378624.30	3744854.41	0.04655	378610.05	3744884.75	0.03811
378596.49	3744883.14	0.02753	378627.97	3744836.02	0.04021
378617.40	3744845.21	0.03582	378627.97	3744827.97	0.03533
378626.37	3744814.41	0.02798	378627.51	3744806.14	0.02544
378886.32	3744848.88	0.07733	378885.88	3744815.41	0.07763
378887.64	3744793.83	0.07339	378886.76	3744761.24	0.06917
378885.88	3744744.07	0.06529	378888.08	3744731.29	0.05713
378887.20	3744692.98	0.03009	378889.40	3744664.80	0.01498
378904.37	3744664.80	0.01339	378888.08	3744624.72	0.00874
378757.28	3744614.59	0.01092	378843.60	3744605.34	0.00889
378944.01	3744890.27	0.03832	378945.33	3744906.57	0.03674

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         378941.36    3744936.51        0.03353
378966.47    3744875.74        0.03132
         378963.38    3744841.83        0.03132
378972.19    3745032.52        0.01141
         378951.93    3745014.02        0.01476
379017.55    3745064.22        0.00770
         379034.73    3745080.96        0.00651
379054.10    3745098.13        0.00554
         379088.01    3745122.35        0.00447
379107.83    3745139.53        0.00392
         379123.68    3745152.30        0.00356
379138.22    3745164.63        0.00327
         379162.00    3745183.13        0.00289
379062.91    3745176.08        0.00293
         379093.30    3745201.62        0.00248
379118.40    3745221.44        0.00220
         379158.47    3745254.47        0.00184
379202.51    3745215.72        0.00238
         379199.43    3745287.50        0.00157
379227.17    3745235.53        0.00213
         379248.75    3745254.03        0.00194
379237.30    3745317.88        0.00137
         379287.06    3745287.50        0.00167
379269.01    3745345.19        0.00122
         379334.19    3745324.49        0.00143
379400.18    3745362.46        0.00128
         379495.64    3745379.31        0.00128
379572.38    3745378.56        0.00125
         379682.44    3745378.18        0.00119
380024.59    3745371.45        0.00094
         379907.05    3745405.14        0.00113
380102.52    3745406.34        0.00103
         380184.49    3745377.14        0.00091
380246.27    3745405.78        0.00099
         380253.91    3745376.18        0.00087
380375.16    3745402.60        0.00099
         380433.71    3745378.73        0.00082
380479.85    3745405.14        0.00087
         378577.21    3744877.18        0.01871
378564.77    3744790.87        0.01038
         378556.73    3744872.79        0.01363
378564.04    3744850.12        0.01410
         378564.77    3744817.20        0.01206
378592.57    3744815.01        0.01690
         378764.13    3744792.35        0.08171
378689.56    3744758.66        0.02674
         378765.48    3744755.96        0.06425
378659.01    3744761.80        0.02134
         378778.95    3744994.05        0.02432
378706.63    3744979.23        0.02469
         378659.01    3744967.55        0.02250
378892.61    3744908.25        0.06757
         378619.48    3744783.37        0.01788
378696.30    3744700.71        0.01677
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          378604.21    3744668.36        0.00703
378893.06    3745065.93        0.00775
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*** 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 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

*** 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
378986.49	3745118.49	0.00457	378942.02	3745078.06	0.00685
378554.79	3744977.88	0.00863	378817.59	3745024.60	0.01410
378731.78	3745080.30	0.00664	378877.71	3744943.54	0.06189
378684.19	3744545.30	0.00539			

*** 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 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS)		
	377940.84	378033.32	378125.80	378218.28	378310.76
3746582.4	0.61659 (13111808)	0.52463 (13111808)	0.37053 (15010808)	0.30784 (14011408)	0.30516 (15020508)
3746495.3	0.62975 (13111808)	0.60117 (13111808)	0.44144 (13111808)	0.34447 (15010808)	0.31026 (15020508)
3746408.3	0.61617 (13111808)	0.65693 (13111808)	0.53083 (13111808)	0.40449 (15010808)	0.33836 (14011408)
3746321.3	0.56093 (13111808)	0.68275 (13111808)	0.62193 (13111808)	0.46916 (15010808)	0.37870 (14011408)
3746234.2	0.48422 (13111808)	0.65877 (13111808)	0.69198 (13111808)	0.54453 (13111808)	0.43825 (15010808)
3746147.2	0.40408 (15021208)	0.60530 (13111808)	0.73249 (13111808)	0.65522 (13111808)	0.52467 (15010808)
3746060.1	0.47202 (15021208)	0.51501 (13111808)	0.72982 (13111808)	0.74910 (13111808)	0.61839 (15010808)
3745973.1	0.51955 (15021208)	0.50599 (15021208)	0.66799 (13111808)	0.80019 (13111808)	0.71386 (15010808)
3745886.1	0.53141 (15021208)	0.58308 (15021208)	0.55850 (13111808)	0.80593 (13111808)	0.80826 (13111808)
3745799.0	0.61059 (14012808)	0.62225 (15021208)	0.64717 (15021208)	0.73316 (13111808)	0.88141 (13111808)
3745712.0	0.76003 (14012808)	0.70818 (15021208)	0.72794 (15021208)	0.70465 (15021208)	0.89359 (15010808)

3745624.9	0.81489 (16012908)	0.87622 (14012808)	0.86434 (15021208)
	0.84712 (15021208)	0.86184 (15010808)	
3745537.9	0.94860 (12123108)	0.75695 (16012908)	0.81494 (14012808)
	0.91472 (15021208)	0.97189 (15021208)	
3745450.9	1.13666 (12123108)	0.94816 (12123108)	0.89432 (16012908)
	0.96034 (14012808)	1.13813 (15021208)	
3745363.8	1.25689 (12010208)	1.05598 (12123108)	1.15904 (12123108)
	1.08445 (16012908)	1.15529 (14012808)	
3745276.8	1.43748 (13012108)	1.50470 (12010208)	1.30000 (12010208)
	1.44469 (12123108)	1.35856 (16012908)	
3745189.7	1.41304 (13012108)	1.74710 (13012108)	1.85385 (13012108)
	1.68746 (12010208)	1.86126 (12123108)	
3745102.7	1.14698 (13021108)	1.29144 (13012108)	1.85302 (13012108)
	2.01643 (13012108)	2.29821 (13012108)	
3745015.7	0.89700 (13021108)	1.16904 (13021108)	1.49609 (13021108)
	1.63508 (13012108)	2.40460 (13012108)	
3744928.6	1.36313 (12011008)	1.51108 (12011008)	1.69365 (12011008)
	1.91828 (12011008)	2.21677 (12011008)	
3744841.6	1.68445 (12011108)	1.93607 (12011108)	2.25627 (12011108)
	2.69265 (12011108)	3.29339 (12011108)	
3744754.5	1.55511 (12011108)	1.70339 (12011108)	1.84607 (12011108)
	2.21656 (12013008)	2.85512 (12013008)	
3744667.5	1.49139 (12013008)	1.74931 (12013008)	1.94651 (12013008)
	2.25486 (14112808)	2.90407 (14112808)	
3744580.5	1.37193 (12013008)	1.69842 (14112808)	2.06998 (14112808)
	2.22642 (14112808)	2.10980 (14112808)	
3744493.4	1.59075 (14112808)	1.69784 (14112808)	1.62247 (14112808)
	1.41294 (14112808)	1.45820 (12021008)	
3744406.4	1.30908 (14112808)	1.14414 (14112808)	1.11011 (12021008)
	1.20262 (12021008)	1.27047 (13010808)	
3744319.3	0.77087 (14122608)	0.97838 (12021008)	1.00827 (12021008)
	1.01457 (13010808)	1.30234 (13010808)	
3744232.3	0.86766 (12021008)	0.85576 (12021008)	0.85064 (14012208)
	1.11566 (13010808)	1.29935 (13123008)	
3744145.3	0.73077 (12021008)	0.75035 (14012208)	0.95989 (13010808)
	0.98802 (13010808)	1.46350 (13123008)	
3744058.2	0.66000 (14012208)	0.81974 (13010808)	0.88995 (13010808)
	1.11018 (13123008)	1.43883 (13123008)	
3743971.2	0.70462 (13010808)	0.80244 (13010808)	0.82601 (13123008)
	1.20329 (13123008)	1.30308 (13123008)	
3743884.1	0.71553 (13010808)	0.66383 (13010808)	0.95638 (13123008)
	1.16395 (13123008)	1.07290 (13123008)	
3743797.1	0.62525 (13010808)	0.75079 (13123008)	1.00868 (13123008)
	1.03990 (13123008)	0.99897 (12012508)	
3743710.1	0.57353 (13123008)	0.84421 (13123008)	0.97386 (13123008)
	0.87749 (13123008)	0.90936 (13120308)	
3743623.0	0.68262 (13123008)	0.87825 (13123008)	0.88571 (13123008)
	0.84297 (12012508)	0.81423 (13120308)	
3743536.0	0.75464 (13123008)	0.83439 (13123008)	0.74741 (13123008)
	0.78048 (12012508)	0.72513 (12012408)	
3743448.9	0.77710 (13123008)	0.76076 (13123008)	0.72301 (12012508)
	0.72144 (13120308)	0.73574 (12012408)	
3743361.9	0.75004 (13123008)	0.65283 (13123008)	0.69387 (12012508)
	0.65426 (12112308)	0.74134 (12012408)	

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 3743274.9 |      0.68113 (13123008)      0.63412 (12012508)      0.65462
(13120308)      0.62049 (12112308)      0.74367 (12012408)
 3743187.8 |      0.57751 (13123008)      0.62354 (12012508)      0.59919
(13120308)      0.60949 (12012408)      0.70066 (12012408)
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*** 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 , A0000020 ,
A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS)		
	378403.24	378495.72	378588.20	378680.68	378773.16
3746582.4	0.36054 (13111108)	0.40447 (13111108)	0.36355 (14120908)	0.44251 (14120908)	0.45385 (14120908)
3746495.3	0.35890 (13111108)	0.41750 (13111108)	0.38290 (13111108)	0.47123 (14120908)	0.48527 (14120908)
3746408.3	0.37952 (15020508)	0.42884 (13111108)	0.40759 (13111108)	0.50341 (14120908)	0.52093 (14120908)
3746321.3	0.39851 (15020508)	0.43915 (13111108)	0.43351 (13111108)	0.53901 (14120908)	0.56128 (14120908)
3746234.2	0.41462 (15020508)	0.44933 (15020508)	0.45733 (13111108)	0.57919 (14120908)	0.60749 (14120908)
3746147.2	0.42632 (15020508)	0.49031 (15020508)	0.48216 (13111108)	0.62436 (14120908)	0.66048 (14120908)
3746060.1	0.48236 (14011408)	0.53203 (15020508)	0.50717 (13111108)	0.67597 (14120908)	0.72171 (14120908)
3745973.1	0.58279 (15010808)	0.57277 (15020508)	0.55763 (15020508)	0.73492 (14120908)	0.79330 (14120908)
3745886.1	0.71684 (15010808)	0.60891 (15020508)	0.63421 (15020508)	0.80268 (14120908)	0.87863 (14120908)
3745799.0	0.86164 (15010808)	0.63899 (14011408)	0.71933 (15020508)	0.88188 (14120908)	0.98067 (14120908)
3745712.0	1.00805 (15010808)	0.82778 (15010808)	0.81293 (15020508)	0.97461 (14120908)	1.10470 (14120908)

3745624.9	1.13182 (15010808)	1.05963 (15010808)	0.91288 (15020508)
	1.08320 (14120908)	1.25732 (14120908)	
3745537.9	1.39113 (15010808)	1.31748 (15010808)	1.01439 (15020508)
	1.21311 (14120908)	1.45127 (14120908)	
3745450.9	1.23318 (15010808)	1.56051 (15010808)	1.30104 (15010808)
	1.36618 (14120908)	1.69797 (14120908)	
3745363.8	1.66261 (15021208)	1.97849 (15010808)	1.77227 (15010808)
	1.54726 (14120908)	2.06910 (14010308)	
3745276.8	1.76822 (15021208)	1.90917 (15021208)	2.61801 (15010808)
	1.82255 (15020508)	2.61715 (14010308)	
3745189.7	2.06609 (16012908)	2.45566 (15021208)	3.00109 (15010808)
	2.51763 (15010808)	3.41920 (14010308)	
3745102.7	2.88605 (12123108)	2.75769 (14012808)	3.23362 (15021208)
	3.83257 (15010808)	4.61320 (14010308)	
3745015.7	3.32446 (13012108)	4.18694 (12010208)	4.16018 (12123108)
	5.32362 (15010808)	6.13562 (14010308)	
3744928.6	2.66263 (13021108)	4.42504 (13012108)	8.00528 (13012108)
	6.98947 (13012108)	7.05694 (14010308)	
3744841.6	3.78148 (12011108)	5.38623 (12011108)	8.48754 (12011108)
	9.20423 (12011108)	6.69009 (13010308)	
3744754.5	3.41464 (14112808)	4.83040 (14112808)	4.84432 (14112808)
	6.79388 (13123008)	7.75522 (13123008)	
3744667.5	3.13298 (14112808)	2.82789 (14112808)	3.51735 (13123008)
	4.91530 (13123008)	7.67314 (12012408)	
3744580.5	1.85904 (14112808)	2.11139 (13010808)	3.38629 (13123008)
	4.09054 (13123008)	4.53137 (12121408)	
3744493.4	1.61372 (13010808)	2.38172 (13123008)	3.10858 (13123008)
	3.14447 (12012408)	3.07590 (13020708)	
3744406.4	1.54684 (13123008)	2.43144 (13123008)	2.54267 (13123008)
	2.58074 (12012408)	2.39738 (13020708)	
3744319.3	1.76787 (13123008)	2.21682 (13123008)	2.06051 (13120308)
	2.27731 (12012408)	1.94956 (13020708)	
3744232.3	1.84501 (13123008)	1.78854 (13123008)	1.73020 (12012408)
	1.65866 (12121408)	1.63032 (13020708)	
3744145.3	1.66622 (13123008)	1.54642 (13120308)	1.76138 (12012408)
	1.40735 (12121408)	1.38730 (13020708)	
3744058.2	1.34902 (13123008)	1.19207 (12012408)	1.54489 (12012408)
	1.39653 (12121408)	1.19908 (13020708)	
3743971.2	1.21874 (12012508)	1.11841 (12012408)	1.29022 (12012408)
	1.02273 (12121408)	1.05108 (13020708)	
3743884.1	1.08855 (13120308)	1.02552 (12012408)	1.11831 (12121408)
	0.87966 (12121408)	0.93181 (13020708)	
3743797.1	0.95471 (12012408)	0.92480 (12012408)	1.03086 (12121408)
	0.76118 (12121408)	0.83422 (13020708)	
3743710.1	0.95185 (12012408)	0.82423 (12012408)	0.77710 (12121408)
	0.66243 (12121408)	0.75289 (13020708)	
3743623.0	0.92302 (12012408)	0.72917 (12012408)	0.70296 (12121408)
	0.58026 (12121408)	0.68424 (13020708)	
3743536.0	0.86923 (12012408)	0.64187 (12012408)	0.63618 (12121408)
	0.51434 (13020708)	0.62572 (13020708)	
3743448.9	0.80646 (12012408)	0.71086 (12121408)	0.57597 (12121408)
	0.47879 (13020708)	0.57561 (13020708)	
3743361.9	0.73149 (12012408)	0.68332 (12121408)	0.52217 (12121408)
	0.44731 (13020708)	0.53151 (13020708)	

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 3743274.9 |      0.67052 (12012408)      0.65912 (12121408)      0.55989
(12121408)      0.47211 (15120408)      0.49288 (13020708)
 3743187.8 |      0.59245 (12012408)      0.63637 (12121408)      0.51721
(12121408)      0.45103 (15120408)      0.56757 (13020708)
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*** 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 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS)			
	378865.64	378958.12	379050.60	379143.08	379235.56
3746582.4	0.44972 (14010308)	0.51688 (14010308)	0.51964 (14010308)	0.45915 (14010308)	0.37619 (16120908)
3746495.3	0.48909 (14010308)	0.55708 (14010308)	0.55001 (14010308)	0.47331 (14010308)	0.39842 (16120908)
3746408.3	0.53369 (14010308)	0.60152 (14010308)	0.58180 (14010308)	0.48588 (14010308)	0.41797 (16120908)
3746321.3	0.58495 (14010308)	0.65079 (14010308)	0.61480 (14010308)	0.49624 (14010308)	0.43356 (16120908)
3746234.2	0.64383 (14010308)	0.70563 (14010308)	0.64854 (14010308)	0.50335 (14010308)	0.44328 (16120908)
3746147.2	0.71138 (14010308)	0.76626 (14010308)	0.68242 (14010308)	0.53849 (16120908)	0.44517 (16120908)
3746060.1	0.79016 (14010308)	0.83350 (14010308)	0.71528 (14010308)	0.57041 (16120908)	0.43698 (16120908)
3745973.1	0.88247 (14010308)	0.90808 (14010308)	0.74595 (14010308)	0.59459 (16120908)	0.41718 (16120908)
3745886.1	0.99118 (14010308)	0.98975 (14010308)	0.77186 (14010308)	0.60685 (16120908)	0.57338 (13121708)
3745799.0	1.12085 (14010308)	1.07878 (14010308)	0.79153 (16120908)	0.60182 (16120908)	0.76905 (13121708)
3745712.0	1.27606 (14010308)	1.17400 (14010308)	0.85133 (16120908)	0.72438 (13121708)	1.00540 (13121708)

3745624.9	1.46533 (14010308)	1.27359 (14010308)	0.89303 (16120908)
	1.01576 (13121708)	1.24859 (13121708)	
3745537.9	1.69849 (14010308)	1.37332 (14010308)	0.95435 (13121708)
	1.36541 (13121708)	1.45489 (13121708)	
3745450.9	1.98784 (14010308)	1.46294 (14010308)	1.41692 (13121708)
	1.72559 (13121708)	1.64757 (12021308)	
3745363.8	2.35123 (14010308)	1.52701 (14010308)	1.99524 (13121708)
	1.99271 (13121708)	1.87107 (12021308)	
3745276.8	2.81486 (14010308)	2.16683 (13121708)	2.56164 (13121708)
	2.38007 (12021308)	1.81148 (12021308)	
3745189.7	3.41394 (14010308)	3.28836 (13121708)	3.16861 (12021308)
	2.36535 (12021308)	2.06850 (12010908)	
3745102.7	4.22330 (14010308)	4.44521 (12021308)	3.31932 (12021308)
	2.68227 (12010908)	1.94242 (13020608)	
3745015.7	6.70955 (13121708)	5.14871 (12021308)	3.58072 (12010908)
	3.03000 (13123108)	2.52660 (13123108)	
3744928.6	8.73627 (13123108)	5.95641 (13010908)	4.27516 (13010908)
	3.09537 (13010908)	2.24906 (13010908)	
3744841.6	8.96226 (13010308)	6.03111 (13010308)	4.06633 (13010308)
	3.11885 (13010308)	2.40315 (13010308)	
3744754.5	9.72143 (14012708)	5.80418 (14021408)	3.91591 (14021408)
	3.06432 (13010308)	2.49012 (13010308)	
3744667.5	10.44266 (12011908)	5.86844 (14012708)	3.73571 (14012708)
	2.95969 (14021408)	2.36025 (14021408)	
3744580.5	5.61995 (12011908)	4.53497 (12011908)	3.64842 (14012708)
	2.84886 (14012708)	1.96486 (14021408)	
3744493.4	3.95980 (12121108)	4.04929 (12011908)	2.40305 (12011908)
	2.51659 (14012708)	2.21134 (14012708)	
3744406.4	3.04547 (12121108)	2.98350 (12011908)	2.63616 (12011908)
	1.68148 (15010708)	1.86221 (14012708)	
3744319.3	2.41193 (12121108)	2.14319 (13122608)	2.38468 (12011908)
	1.72225 (12011908)	1.28111 (15010708)	
3744232.3	1.94961 (12121108)	1.71346 (12121108)	1.94220 (12011908)
	1.77575 (12011908)	1.15382 (12011908)	
3744145.3	1.60071 (12121108)	1.56513 (12121108)	1.49144 (12011908)
	1.63661 (12011908)	1.29678 (12011908)	
3744058.2	1.33193 (12121108)	1.40934 (12121108)	1.24761 (13122608)
	1.40250 (12011908)	1.30692 (12011908)	
3743971.2	1.12167 (12121108)	1.25986 (12121108)	1.05238 (13122608)
	1.14611 (12011908)	1.21986 (12011908)	
3743884.1	0.95368 (12121108)	1.12186 (12121108)	0.93784 (12121108)
	0.95910 (13122608)	1.07788 (12011908)	
3743797.1	0.81899 (12121108)	1.22341 (12121108)	0.89683 (12121108)
	0.84731 (13122608)	0.91634 (12011908)	
3743710.1	0.70850 (12121108)	0.89026 (12121108)	0.84772 (12121108)
	0.74064 (13122608)	0.76059 (13122608)	
3743623.0	0.63904 (13020708)	0.79466 (12121108)	0.79459 (12121108)
	0.64304 (13122608)	0.69408 (13122608)	
3743536.0	0.58965 (13020708)	0.71118 (12121108)	0.74059 (12121108)
	0.61564 (12121108)	0.62603 (13122608)	
3743448.9	0.54629 (13020708)	0.63756 (12121108)	0.68719 (12121108)
	0.60122 (12121108)	0.55979 (13122608)	
3743361.9	0.50788 (13020708)	0.57294 (12121108)	0.63575 (12121108)
	0.58132 (12121108)	0.49737 (13122608)	

 3743274.9 | 0.47397 (13020708)   0.51613 (12121108)   0.58729 (12121108)   0.55787 (12121108)   0.44541 (12121108)
 3743187.8 | 0.44369 (13020708)   0.46631 (12121108)   0.54208 (12121108)   0.53223 (12121108)   0.44421 (12121108)

*** 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 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS)		
	379328.04	379420.52	379513.00	379605.48	379697.96
3746582.4	0.34250 (16120908)	0.26755 (16120908)	0.20120 (13121708)	0.28632 (13121708)	0.36612 (13121708)
3746495.3	0.34576 (16120908)	0.25538 (16120908)	0.26021 (13121708)	0.35375 (13121708)	0.43122 (13121708)
3746408.3	0.34369 (16120908)	0.23862 (16120908)	0.33190 (13121708)	0.42916 (13121708)	0.49664 (13121708)
3746321.3	0.33542 (16120908)	0.29968 (13121708)	0.41622 (13121708)	0.50932 (13121708)	0.55697 (13121708)
3746234.2	0.32010 (16120908)	0.39021 (13121708)	0.51142 (13121708)	0.58893 (13121708)	0.60529 (13121708)
3746147.2	0.34998 (13121708)	0.49876 (13121708)	0.61247 (13121708)	0.65971 (13121708)	0.63339 (13121708)
3746060.1	0.46768 (13121708)	0.62227 (13121708)	0.71082 (13121708)	0.71116 (13121708)	0.67535 (12021308)
3745973.1	0.61163 (13121708)	0.75282 (13121708)	0.79327 (13121708)	0.73193 (13121708)	0.75196 (12021308)
3745886.1	0.77715 (13121708)	0.87630 (13121708)	0.84493 (13121708)	0.83701 (12021308)	0.78956 (12021308)
3745799.0	0.94916 (13121708)	0.97091 (13121708)	0.93172 (12021308)	0.89807 (12021308)	0.76891 (12021308)
3745712.0	1.10472 (13121708)	1.03815 (12021308)	1.02968 (12021308)	0.88992 (12021308)	0.68697 (12021308)

3745624.9	1.21550 (13121708)	1.19042 (12021308)	1.04383 (12021308)
	0.79929 (12021308)	0.79709 (12010908)	
3745537.9	1.39630 (12021308)	1.24432 (12021308)	0.94834 (12021308)
	0.93155 (12010908)	0.89389 (12010908)	
3745450.9	1.50989 (12021308)	1.15154 (12021308)	1.10812 (12010908)
	1.03135 (12010908)	0.89160 (13020608)	
3745363.8	1.43653 (12021308)	1.33078 (12010908)	1.19031 (12010908)
	1.00687 (13020608)	0.82748 (13020608)	
3745276.8	1.63883 (12010908)	1.39073 (12010908)	1.13414 (13020608)
	0.92296 (13123108)	0.94302 (13123108)	
3745189.7	1.64004 (12010908)	1.26598 (13123108)	1.27103 (13123108)
	1.21066 (13123108)	1.11437 (13123108)	
3745102.7	1.83860 (13123108)	1.67860 (13123108)	1.47986 (13010908)
	1.28618 (13010908)	1.10243 (13010908)	
3745015.7	2.07947 (13010908)	1.67848 (13010908)	1.35901 (13010908)
	1.11277 (13011608)	0.92696 (13011608)	
3744928.6	1.77847 (14011608)	1.52900 (14011608)	1.33644 (14011608)
	1.18734 (14011608)	1.06048 (14011608)	
3744841.6	1.95168 (13010308)	1.62563 (14011008)	1.39337 (14011008)
	1.21328 (14011008)	1.06880 (14011008)	
3744754.5	2.06757 (13010308)	1.78127 (13010308)	1.53935 (13010308)
	1.33873 (13010308)	1.17511 (13010308)	
3744667.5	1.78761 (14021408)	1.37748 (13010308)	1.25906 (13010308)
	1.15705 (13010308)	1.06474 (13010308)	
3744580.5	1.84082 (14021408)	1.59980 (14021408)	1.31538 (14021408)
	1.04923 (14021408)	0.83321 (14021408)	
3744493.4	1.60299 (14012708)	1.32066 (14012108)	1.27418 (14021408)
	1.15964 (14021408)	1.01587 (14021408)	
3744406.4	1.74974 (14012708)	1.38783 (14012708)	1.04881 (15011908)
	0.97551 (14012108)	0.95046 (14021408)	
3744319.3	1.44574 (14012708)	1.42101 (14012708)	1.20332 (14012708)
	0.92332 (14122308)	0.77596 (15011908)	
3744232.3	1.01372 (15010708)	1.16450 (14012708)	1.18007 (14012708)
	1.04828 (14012708)	0.84508 (14012708)	
3744145.3	0.95819 (15010708)	0.82773 (15123108)	0.96258 (14012708)
	0.99595 (14012708)	0.91709 (14012708)	
3744058.2	0.94715 (12011908)	0.81517 (15010708)	0.69302 (15123108)
	0.81240 (14012708)	0.85316 (14012708)	
3743971.2	1.01970 (12011908)	0.69882 (15010708)	0.69750 (15010708)
	0.58967 (14012008)	0.69713 (14012708)	
3743884.1	1.01728 (12011908)	0.78946 (12011908)	0.62759 (15010708)
	0.60175 (15010708)	0.51868 (14012008)	
3743797.1	0.95825 (12011908)	0.82953 (12011908)	0.61078 (12011908)
	0.56249 (15010708)	0.52343 (15010708)	
3743710.1	0.86468 (12011908)	0.82317 (12011908)	0.66906 (12011908)
	0.47931 (15010708)	0.50416 (15010708)	
3743623.0	0.75535 (12011908)	0.78090 (12011908)	0.69247 (12011908)
	0.53695 (12011908)	0.44620 (15010708)	
3743536.0	0.64382 (12011908)	0.71530 (12011908)	0.68525 (12011908)
	0.57564 (12011908)	0.43073 (12011908)	
3743448.9	0.57848 (13122608)	0.63720 (12011908)	0.65358 (12011908)
	0.58981 (12011908)	0.47482 (12011908)	
3743361.9	0.53381 (13122608)	0.55534 (12011908)	0.60540 (12011908)
	0.58292 (12011908)	0.50191 (12011908)	

 3743274.9 | 0.48816 (13122608)   0.48946 (13122608)   0.54735 (12011908)   0.55844 (12011908)   0.51101 (12011908)
 3743187.8 | 0.44329 (13122608)   0.45969 (13122608)   0.48539 (12011908)   0.52173 (12011908)   0.50434 (12011908)

*** 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 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS)			
	379790.44	379882.92	379975.40	380067.88	380160.36
3746582.4	0.42502 (13121708)	0.45197 (13121708)	0.44352 (13121708)	0.40826 (12021308)	0.42789 (12021308)
3746495.3	0.47661 (13121708)	0.48185 (13121708)	0.44964 (13121708)	0.45554 (12021308)	0.45423 (12021308)
3746408.3	0.52056 (13121708)	0.49881 (13121708)	0.48485 (12021308)	0.49092 (12021308)	0.46338 (12021308)
3746321.3	0.55100 (13121708)	0.51497 (12021308)	0.53084 (12021308)	0.50685 (12021308)	0.45252 (12021308)
3746234.2	0.56221 (13121708)	0.57594 (12021308)	0.55702 (12021308)	0.50012 (12021308)	0.42093 (12021308)
3746147.2	0.62361 (12021308)	0.61352 (12021308)	0.55564 (12021308)	0.46788 (12021308)	0.37036 (12021308)
3746060.1	0.67828 (12021308)	0.62051 (12021308)	0.52379 (12021308)	0.41215 (12021308)	0.42598 (12010908)
3745973.1	0.69679 (12021308)	0.59017 (12021308)	0.46262 (12021308)	0.47538 (12010908)	0.49167 (12010908)
3745886.1	0.66939 (12021308)	0.52208 (12021308)	0.53360 (12010908)	0.54669 (12010908)	0.53007 (12010908)
3745799.0	0.59462 (12021308)	0.59981 (12010908)	0.61103 (12010908)	0.58330 (12010908)	0.52899 (12010908)
3745712.0	0.68917 (12010908)	0.68480 (12010908)	0.64343 (12010908)	0.57712 (13020608)	0.52699 (13020608)

3745624.9	0.78150 (12010908)	0.71262 (12010908)	0.63275 (13020608)
	0.56458 (13020608)	0.47820 (13020608)	
3745537.9	0.79336 (12010908)	0.70366 (13020608)	0.59247 (13020608)
	0.48970 (13020608)	0.47408 (13123108)	
3745450.9	0.77057 (13020608)	0.62795 (13020608)	0.56923 (13123108)
	0.59865 (13123108)	0.60280 (13123108)	
3745363.8	0.71010 (13123108)	0.72838 (13123108)	0.72059 (13123108)
	0.70027 (13123108)	0.66583 (13123108)	
3745276.8	0.91997 (13123108)	0.86959 (13123108)	0.80521 (13123108)
	0.73724 (13010908)	0.67328 (13010908)	
3745189.7	1.00456 (13010908)	0.89927 (13010908)	0.79290 (13010908)
	0.69290 (13010908)	0.61558 (13011608)	
3745102.7	0.93564 (13010908)	0.80854 (13011608)	0.70351 (13011608)
	0.60945 (13011608)	0.52959 (13120208)	
3745015.7	0.78793 (13120208)	0.70587 (13120208)	0.65469 (14011608)
	0.61618 (14011608)	0.57787 (14011608)	
3744928.6	0.95163 (14011608)	0.86244 (14011608)	0.78543 (14011608)
	0.71891 (14011608)	0.66065 (14011608)	
3744841.6	0.94486 (14011008)	0.85306 (14011008)	0.77174 (14011008)
	0.70294 (14011008)	0.64337 (14011008)	
3744754.5	1.03249 (13010308)	0.91718 (13010308)	0.82381 (13010308)
	0.74410 (13010308)	0.67639 (13010308)	
3744667.5	0.97092 (13010308)	0.88979 (13010308)	0.81711 (13010308)
	0.75192 (13010308)	0.69402 (13010308)	
3744580.5	0.73216 (13010308)	0.70785 (13010308)	0.67740 (13010308)
	0.64118 (13010308)	0.61043 (13010308)	
3744493.4	0.86218 (14021408)	0.71797 (14021408)	0.58996 (14021408)
	0.49158 (14011508)	0.46301 (13010308)	
3744406.4	0.89279 (14021408)	0.80929 (14021408)	0.71396 (14021408)
	0.61711 (14021408)	0.52676 (14021408)	
3744319.3	0.76254 (14012108)	0.74530 (14021408)	0.71476 (14021408)
	0.66429 (14021408)	0.60136 (14021408)	
3744232.3	0.70338 (15011908)	0.61029 (14012108)	0.61733 (14012108)
	0.60256 (14021408)	0.58638 (14021408)	
3744145.3	0.77208 (14012708)	0.62856 (14122308)	0.55684 (15011908)
	0.50852 (14012108)	0.51445 (14012108)	
3744058.2	0.80680 (14012708)	0.70205 (14012708)	0.58020 (14122308)
	0.51280 (15011908)	0.45111 (15011908)	
3743971.2	0.73907 (14012708)	0.71359 (14012708)	0.64031 (14012708)
	0.54068 (14012708)	0.46683 (15011908)	
3743884.1	0.60504 (14012708)	0.64671 (14012708)	0.63661 (14012708)
	0.58453 (14012708)	0.50728 (14012708)	
3743797.1	0.46099 (14012008)	0.53210 (14012708)	0.57343 (14012708)
	0.57187 (14012708)	0.53505 (14012708)	
3743710.1	0.45880 (15123108)	0.41338 (14012008)	0.47239 (14012708)
	0.51119 (14012708)	0.51557 (14012708)	
3743623.0	0.45324 (15010708)	0.40843 (15123108)	0.37330 (14012008)
	0.42269 (14012708)	0.45920 (14012708)	
3743536.0	0.41338 (15010708)	0.40784 (15010708)	0.36538 (15123108)
	0.33990 (14012008)	0.38116 (14012708)	
3743448.9	0.35283 (15010708)	0.38151 (15010708)	0.36791 (15010708)
	0.32859 (15123108)	0.31044 (14012008)	
3743361.9	0.39119 (12011908)	0.33608 (15010708)	0.35281 (15010708)
	0.33337 (15010708)	0.29732 (15123108)	

3743274.9 | 0.42371 (12011908) 0.32178 (12011908) 0.31821 (15010708) 0.32494 (15010708) 0.30292 (15010708)
3743187.8 | 0.44269 (12011908) 0.35603 (12011908) 0.27490 (16020508) 0.29978 (15010708) 0.30011 (15010708)

*** 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 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS)			
	380252.84	380345.32	380437.80	380530.28	380622.76
3746582.4	0.42064 (12021308)	0.39045 (12021308)	0.34433 (12021308)	0.29022 (12021308)	0.23416 (12021308)
3746495.3	0.42486 (12021308)	0.37573 (12021308)	0.31640 (12021308)	0.25476 (12021308)	0.26805 (12010908)
3746408.3	0.41169 (12021308)	0.34614 (12021308)	0.27768 (12021308)	0.29141 (12010908)	0.31014 (12010908)
3746321.3	0.38039 (12021308)	0.30374 (12021308)	0.31780 (12010908)	0.33718 (12010908)	0.34347 (12010908)
3746234.2	0.33443 (12021308)	0.34868 (12010908)	0.36866 (12010908)	0.37224 (12010908)	0.36303 (12010908)
3746147.2	0.38505 (12010908)	0.40373 (12010908)	0.40499 (12010908)	0.39042 (12010908)	0.36410 (12010908)
3746060.1	0.44444 (12010908)	0.44148 (12010908)	0.42136 (12010908)	0.38650 (12010908)	0.36455 (13020608)
3745973.1	0.48288 (12010908)	0.45361 (12010908)	0.41447 (13020608)	0.38930 (13020608)	0.35293 (13020608)
3745886.1	0.48975 (12010908)	0.45046 (13020608)	0.41405 (13020608)	0.36759 (13020608)	0.31640 (13020608)
3745799.0	0.48822 (13020608)	0.43787 (13020608)	0.37939 (13020608)	0.31833 (13020608)	0.29092 (16012608)
3745712.0	0.45981 (13020608)	0.38533 (13020608)	0.33025 (16012608)	0.33911 (13123108)	0.35227 (13123108)

3745624.9	0.38957 (13020608)	0.39752 (13123108)	0.41242 (13123108)
3745537.9	0.49286 (13123108)	0.49865 (13123108)	0.49388 (13123108)
3745450.9	0.59100 (13123108)	0.56866 (13123108)	0.53847 (13123108)
3745363.8	0.61967 (13010908)	0.57713 (13010908)	0.53144 (13010908)
3745276.8	0.60571 (13010908)	0.54058 (13010908)	0.48834 (13011608)
3745189.7	0.55193 (13011608)	0.49175 (13011608)	0.43769 (13011608)
3745102.7	0.49150 (13120208)	0.45526 (13120208)	0.41825 (13120208)
3745015.7	0.54403 (14011608)	0.51251 (14011608)	0.47937 (14011608)
3744928.6	0.60924 (14011608)	0.56401 (14011608)	0.52001 (14011608)
3744841.6	0.59198 (14011008)	0.54686 (14011008)	0.50361 (14011008)
3744754.5	0.61663 (13010308)	0.56407 (13010308)	0.51892 (13010308)
3744667.5	0.64213 (13010308)	0.59518 (13010308)	0.55331 (13010308)
3744580.5	0.58049 (13010308)	0.55125 (13010308)	0.52070 (13010308)
3744493.4	0.45697 (13010308)	0.44686 (13010308)	0.43301 (13010308)
3744406.4	0.44778 (14011508)	0.38529 (14011508)	0.33033 (14011508)
3744319.3	0.53526 (14021408)	0.46731 (14021408)	0.40500 (14021408)
3744232.3	0.55491 (14021408)	0.51335 (14021408)	0.46666 (14021408)
3744145.3	0.50084 (14021408)	0.49341 (14021408)	0.47398 (14021408)
3744058.2	0.43274 (14012108)	0.43821 (14012108)	0.42911 (14012108)
3743971.2	0.42606 (15011908)	0.37229 (15011908)	0.37553 (14012108)
3743884.1	0.43756 (14122308)	0.39691 (15011908)	0.35843 (15011908)
3743797.1	0.47469 (14012708)	0.40943 (14122308)	0.36787 (15011908)
3743710.1	0.49065 (14012708)	0.44424 (14012708)	0.38558 (14012708)
3743623.0	0.46803 (14012708)	0.45151 (14012708)	0.41609 (14012708)
3743536.0	0.41563 (14012708)	0.42664 (14012708)	0.41690 (14012708)
3743448.9	0.34535 (14012708)	0.37755 (14012708)	0.39094 (14012708)
3743361.9	0.28558 (14012008)	0.31594 (14012008)	0.34557 (14012708)

 3743274.9 | 0.27031 (15123108)   0.26378 (14012008)   0.29144 (14012008)   0.31738 (14012708)   0.33202 (14012708)
 3743187.8 | 0.27716 (15123108)   0.24661 (15123108)   0.24497 (14012008)   0.27010 (14012008)   0.29268 (14012708)

*** 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 , A0000020 ,
A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS)			
	380715.24	380807.72	380900.20	380992.68	381085.16
3746582.4	0.24724 (12010908)	0.26462 (12010908)	0.27360 (12010908)	0.27533 (12010908)	0.26939 (12010908)
3746495.3	0.28629 (12010908)	0.29478 (12010908)	0.29425 (12010908)	0.28533 (12010908)	0.27026 (12010908)
3746408.3	0.31784 (12010908)	0.31514 (12010908)	0.30304 (12010908)	0.28389 (12010908)	0.26852 (13020608)
3746321.3	0.33793 (12010908)	0.32227 (12010908)	0.29877 (12010908)	0.28509 (13020608)	0.26838 (13020608)
3746234.2	0.34232 (12010908)	0.31703 (13020608)	0.30247 (13020608)	0.28143 (13020608)	0.25518 (13020608)
3746147.2	0.34036 (13020608)	0.32004 (13020608)	0.29250 (13020608)	0.26074 (13020608)	0.22819 (13020608)
3746060.1	0.33747 (13020608)	0.30309 (13020608)	0.26557 (13020608)	0.22734 (13020608)	0.20806 (16012608)
3745973.1	0.31112 (13020608)	0.26723 (13020608)	0.22930 (16012608)	0.23294 (16012608)	0.23220 (16012608)
3745886.1	0.26643 (13020608)	0.25978 (16012608)	0.25856 (13123108)	0.27032 (13123108)	0.27988 (13123108)
3745799.0	0.29504 (13123108)	0.30831 (13123108)	0.31677 (13123108)	0.31992 (13123108)	0.32093 (13123108)
3745712.0	0.36301 (13123108)	0.36500 (13123108)	0.36137 (13123108)	0.35334 (13123108)	0.34537 (13123108)

3745624.9	0.40926 (13123108)	0.40216 (13123108)	0.38602 (13123108)
	0.37158 (13123108)	0.35834 (13010908)	
3745537.9	0.43712 (13123108)	0.41536 (13010908)	0.39156 (13010908)
	0.37355 (13010908)	0.34896 (13010908)	
3745450.9	0.43966 (13010908)	0.40907 (13010908)	0.37610 (13010908)
	0.35425 (13011608)	0.32976 (13011608)	
3745363.8	0.40360 (13011608)	0.37646 (13011608)	0.34919 (13011608)
	0.32336 (13011608)	0.29620 (13011608)	
3745276.8	0.37286 (13011608)	0.33880 (13011608)	0.30646 (13011608)
	0.28662 (13120208)	0.27304 (13120208)	
3745189.7	0.34597 (13120208)	0.32633 (13120208)	0.30723 (13120208)
	0.28895 (13120208)	0.27088 (13120208)	
3745102.7	0.34623 (14011608)	0.33388 (14011608)	0.32196 (14011608)
	0.30978 (14011608)	0.29828 (14011608)	
3745015.7	0.40884 (14011608)	0.38823 (14011608)	0.36913 (14011608)
	0.35047 (14011608)	0.33361 (14011608)	
3744928.6	0.42899 (14011608)	0.40379 (14011608)	0.38057 (14011608)
	0.35903 (14011608)	0.33940 (14011608)	
3744841.6	0.41524 (14011008)	0.39077 (14011008)	0.36794 (14011008)
	0.34837 (14011008)	0.32962 (14011008)	
3744754.5	0.41527 (13010308)	0.38859 (14011008)	0.36615 (14011008)
	0.34812 (14011008)	0.33056 (14011008)	
3744667.5	0.45311 (13010308)	0.42525 (13010308)	0.39740 (13010308)
	0.37534 (13010308)	0.35381 (13010308)	
3744580.5	0.44657 (13010308)	0.42358 (13010308)	0.39943 (13010308)
	0.38122 (13010308)	0.36217 (13010308)	
3744493.4	0.39610 (13010308)	0.38253 (13010308)	0.36596 (13010308)
	0.35493 (13010308)	0.34166 (13010308)	
3744406.4	0.31808 (13010308)	0.31405 (13010308)	0.30689 (13010308)
	0.30351 (13010308)	0.29711 (13010308)	
3744319.3	0.27313 (14011508)	0.23714 (14011508)	0.23563 (13010308)
	0.23896 (13010308)	0.23871 (13010308)	
3744232.3	0.32655 (14011508)	0.29312 (14011508)	0.25928 (14011508)
	0.23127 (14011508)	0.20362 (14011508)	
3744145.3	0.37235 (14021408)	0.33819 (14021408)	0.29983 (14021408)
	0.27251 (14011508)	0.24683 (14011508)	
3744058.2	0.38659 (14021408)	0.36481 (14021408)	0.33432 (14021408)
	0.30888 (14021408)	0.28003 (14021408)	
3743971.2	0.36683 (14021408)	0.35828 (14021408)	0.34116 (14021408)
	0.32601 (14021408)	0.30510 (14021408)	
3743884.1	0.33290 (14012108)	0.32774 (14012108)	0.32043 (14021408)
	0.31689 (14021408)	0.30676 (14021408)	
3743797.1	0.28295 (14012108)	0.29272 (14012108)	0.29421 (14012108)
	0.29147 (14012108)	0.28602 (14021408)	
3743710.1	0.29421 (15011908)	0.26215 (15011908)	0.25294 (14012108)
	0.26234 (14012108)	0.26482 (14012108)	
3743623.0	0.29929 (15011908)	0.28094 (15011908)	0.25458 (15011908)
	0.22914 (13013108)	0.23053 (14012108)	
3743536.0	0.31063 (14122308)	0.28203 (14122308)	0.26536 (15011908)
	0.24747 (15011908)	0.22455 (15011908)	
3743448.9	0.33265 (14012708)	0.29372 (14012708)	0.27041 (14122308)
	0.25027 (15011908)	0.23710 (15011908)	
3743361.9	0.34227 (14012708)	0.31583 (14012708)	0.28278 (14012708)
	0.25840 (14122308)	0.23588 (14122308)	

 3743274.9 | 0.33275 (14012708)   0.32110 (14012708)   0.29966 (14012708)   0.27181 (14012708)   0.24606 (14122308)
 3743187.8 | 0.30726 (14012708)   0.30979 (14012708)   0.30145 (14012708)   0.28459 (14012708)   0.26100 (14012708)

*** 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 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS)		
	381177.64	381270.12	381362.60
	381455.08	381547.56	
3746582.4	0.25813 (12010908)	0.24070 (12010908)	0.23238 (13020608)
	0.22192 (13020608)	0.20796 (13020608)	
3746495.3	0.25298 (13020608)	0.24475 (13020608)	0.23132 (13020608)
	0.21405 (13020608)	0.19457 (13020608)	
3746408.3	0.25703 (13020608)	0.24014 (13020608)	0.21949 (13020608)
	0.19694 (13020608)	0.17380 (13020608)	
3746321.3	0.24775 (13020608)	0.22351 (13020608)	0.19792 (13020608)
	0.17229 (13020608)	0.15659 (16012608)	
3746234.2	0.22642 (13020608)	0.19750 (13020608)	0.16938 (13020608)
	0.17436 (16012608)	0.17590 (16012608)	
3746147.2	0.19531 (13020608)	0.18976 (16012608)	0.19238 (16012608)
	0.19102 (16012608)	0.19279 (13123108)	
3746060.1	0.21070 (16012608)	0.20919 (16012608)	0.21475 (13123108)
	0.22181 (13123108)	0.22630 (13123108)	
3745973.1	0.23950 (13123108)	0.24717 (13123108)	0.25245 (13123108)
	0.25432 (13123108)	0.25339 (13123108)	
3745886.1	0.28364 (13123108)	0.28528 (13123108)	0.28291 (13123108)
	0.27773 (13123108)	0.27030 (13123108)	
3745799.0	0.31733 (13123108)	0.30903 (13123108)	0.29890 (13123108)
	0.28750 (13123108)	0.27595 (13010908)	
3745712.0	0.33388 (13123108)	0.31859 (13010908)	0.30481 (13010908)
	0.29015 (13010908)	0.27366 (13010908)	

3745624.9	0.34473 (13010908)	0.31915 (13010908)	0.29756 (13010908)
	0.27633 (13010908)	0.25756 (13011608)	
3745537.9	0.32559 (13010908)	0.29921 (13011608)	0.28220 (13011608)
	0.26560 (13011608)	0.24888 (13011608)	
3745450.9	0.30882 (13011608)	0.28437 (13011608)	0.26240 (13011608)
	0.24262 (13011608)	0.22358 (13011608)	
3745363.8	0.27125 (13011608)	0.24802 (13011608)	0.23087 (13120208)
	0.22291 (13120208)	0.21505 (13120208)	
3745276.8	0.26086 (13120208)	0.24915 (13120208)	0.23751 (13120208)
	0.22568 (13120208)	0.21420 (13120208)	
3745189.7	0.25419 (13120208)	0.23873 (13120208)	0.22757 (14011608)
	0.22186 (14011608)	0.21608 (14011608)	
3745102.7	0.28751 (14011608)	0.27738 (14011608)	0.26777 (14011608)
	0.25847 (14011608)	0.24895 (14011608)	
3745015.7	0.31784 (14011608)	0.30355 (14011608)	0.29049 (14011608)
	0.27823 (14011608)	0.26650 (14011608)	
3744928.6	0.32122 (14011608)	0.30534 (14011608)	0.29054 (14011608)
	0.27692 (14011608)	0.26446 (14011608)	
3744841.6	0.31275 (14011008)	0.29735 (14011008)	0.28358 (14011008)
	0.27067 (14011008)	0.25879 (14011008)	
3744754.5	0.31423 (14011008)	0.29900 (14011008)	0.28510 (14011008)
	0.27245 (14011008)	0.26058 (14011008)	
3744667.5	0.33385 (13010308)	0.31549 (13010308)	0.29855 (13010308)
	0.28291 (13010308)	0.26845 (13010308)	
3744580.5	0.34431 (13010308)	0.32747 (13010308)	0.31187 (13010308)
	0.29717 (13010308)	0.28323 (13010308)	
3744493.4	0.32855 (13010308)	0.31588 (13010308)	0.30366 (13010308)
	0.29180 (13010308)	0.28046 (13010308)	
3744406.4	0.29012 (13010308)	0.28286 (13010308)	0.27526 (13010308)
	0.26791 (13010308)	0.26042 (13010308)	
3744319.3	0.23785 (13010308)	0.23591 (13010308)	0.23362 (13010308)
	0.23045 (13010308)	0.22702 (13010308)	
3744232.3	0.18088 (13010308)	0.18333 (13010308)	0.18488 (13010308)
	0.18585 (13010308)	0.18599 (13010308)	
3744145.3	0.22215 (14011508)	0.19884 (14011508)	0.17720 (14011508)
	0.15734 (14011508)	0.14829 (13010208)	
3744058.2	0.25194 (14011508)	0.23163 (14011508)	0.21144 (14011508)
	0.19188 (14011508)	0.17327 (14011508)	
3743971.2	0.28248 (14021408)	0.25937 (14021408)	0.23623 (14021408)
	0.21629 (14011508)	0.19994 (14011508)	
3743884.1	0.29324 (14021408)	0.27739 (14021408)	0.25915 (14021408)
	0.24040 (14021408)	0.22132 (14021408)	
3743797.1	0.28277 (14021408)	0.27563 (14021408)	0.26529 (14021408)
	0.25279 (14021408)	0.23849 (14021408)	
3743710.1	0.26175 (14012108)	0.25606 (14021408)	0.25428 (14021408)
	0.24933 (14021408)	0.24142 (14021408)	
3743623.0	0.23701 (14012108)	0.23897 (14012108)	0.23684 (14012108)
	0.23113 (14021408)	0.23024 (14021408)	
3743536.0	0.20732 (13013108)	0.20998 (14012108)	0.21561 (14012108)
	0.21733 (14012108)	0.21562 (14012108)	
3743448.9	0.21898 (15011908)	0.19784 (15011908)	0.18859 (13013108)
	0.19247 (14012108)	0.19719 (14012108)	
3743361.9	0.22575 (15011908)	0.21198 (15011908)	0.19481 (15011908)
	0.17696 (13013108)	0.17234 (13013108)	

 3743274.9 | 0.22774 (14122308)   0.21373 (15011908)   0.20374 (15011908)   0.19054 (15011908)   0.17388 (15011908)
 3743187.8 | 0.23366 (14122308)   0.21951 (14122308)   0.20150 (15011908)   0.19524 (15011908)   0.18470 (15011908)

*** 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 , A0000020 ,
A0000021 , A0000022 , A0000023 , A0000024 ,
A0000025 , A0000026 , A0000027 , . . . ,

*** 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)
378620.85	3744869.58	10.86243	(12011108)	378623.61	3744861.76	10.97814	(12011108)
378624.30	3744854.41	10.90194	(12011108)	378610.05	3744884.75	9.89591	(12011108)
378596.49	3744883.14	9.24570	(12011108)	378627.97	3744836.02	10.27450	(14112808)
378617.40	3744845.21	10.22317	(12011108)	378627.97	3744827.97	10.17292	(14112808)
378626.37	3744814.41	9.21056	(14112808)	378627.51	3744806.14	8.56158	(14112808)
378886.32	3744848.88	8.34949	(13010308)	378885.88	3744815.41	8.41490	(13010308)
378887.64	3744793.83	8.41660	(14021408)	378886.76	3744761.24	8.87748	(14012708)
378885.88	3744744.07	9.01731	(14012708)	378888.08	3744731.29	8.83997	(14012708)
378887.20	3744692.98	8.19599	(14012708)	378889.40	3744664.80	8.40050	(12011908)
378904.37	3744664.80	7.05134	(12011908)	378888.08	3744624.72	7.67643	(12011908)
378757.28	3744614.59	5.54098	(12012408)	378843.60	3744605.34	6.61584	(12121108)
378944.01	3744890.27	5.80757	(13010908)	378945.33	3744906.57	6.09878	(13010908)

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        378941.36   3744936.51        6.33831  (13123108)
378966.47   3744875.74        5.09322  (13010308)
        378963.38   3744841.83        5.87227  (13010308)
378972.19   3745032.52        4.76391  (12021308)
        378951.93   3745014.02        5.31395  (12021308)
379017.55   3745064.22        3.80134  (12021308)
        379034.73   3745080.96        3.52522  (12021308)
379054.10   3745098.13        3.24367  (12021308)
        379088.01   3745122.35        2.87596  (12010908)
379107.83   3745139.53        2.68011  (12010908)
        379123.68   3745152.30        2.54928  (12010908)
379138.22   3745164.63        2.43319  (12010908)
        379162.00   3745183.13        2.27348  (12010908)
379062.91   3745176.08        3.17839  (12021308)
        379093.30   3745201.62        2.86492  (12021308)
379118.40   3745221.44        2.64394  (12021308)
        379158.47   3745254.47        2.33607  (12021308)
379202.51   3745215.72        2.04060  (12010908)
        379199.43   3745287.50        2.07925  (12021308)
379227.17   3745235.53        1.91728  (12010908)
        379248.75   3745254.03        1.81366  (12010908)
379237.30   3745317.88        1.87192  (12021308)
        379287.06   3745287.50        1.64779  (12010908)
379269.01   3745345.19        1.72073  (12021308)
        379334.19   3745324.49        1.49174  (12010908)
379400.18   3745362.46        1.34813  (12010908)
        379495.64   3745379.31        1.21632  (12010908)
379572.38   3745378.56        1.06865  (12010908)
        379682.44   3745378.18        0.87633  (13020608)
380024.59   3745371.45        0.70405  (13123108)
        379907.05   3745405.14        0.65825  (13123108)
380102.52   3745406.34        0.67067  (13123108)
        380184.49   3745377.14        0.65169  (13123108)
380246.27   3745405.78        0.63364  (13123108)
        380253.91   3745376.18        0.61986  (13123108)
380375.16   3745402.60        0.58333  (13010908)
        380433.71   3745378.73        0.54015  (13010908)
380479.85   3745405.14        0.53830  (13010908)
        378577.21   3744877.18        8.35980  (12011108)
378564.77   3744790.87        6.57077  (14112808)
        378556.73   3744872.79        7.42851  (12011108)
378564.04   3744850.12        7.75129  (12011108)
        378564.77   3744817.20        6.81815  (14112808)
378592.57   3744815.01        8.13140  (14112808)
        378764.13   3744792.35        7.87739  (12011908)
378689.56   3744758.66        7.06481  (13123008)
        378765.48   3744755.96        7.55856  (13123008)
378659.01   3744761.80        6.43614  (13123008)
        378778.95   3744994.05        7.22707  (14010308)
378706.63   3744979.23        6.37091  (15010808)
        378659.01   3744967.55        5.68283  (15021208)
378892.61   3744908.25        8.18120  (13010908)
        378619.48   3744783.37        6.92118  (14112808)
378696.30   3744700.71        5.50745  (13123008)
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        378604.21   3744668.36        3.85393  (13123008)
378893.06   3745065.93        5.42143  (13121708)
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*** 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 , A0000020 ,
A0000021 , A0000022 , A0000023 , A0000024 ,
A0000025 , A0000026 , A0000027 , . . . ,

*** 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)
378986.49	3745118.49	4.11719	(12021308)	378942.02	3745078.06	4.96107	(12021308)
378554.79	3744977.88	5.36861	(13012108)	378817.59	3745024.60	6.88512	(14010308)
378731.78	3745080.30	3.88817	(14010308)	378877.71	3744943.54	8.08163	(12010908)
378684.19	3744545.30	3.51610	(13123008)				

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

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

NETWORK GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	1ST HIGHEST VALUE IS	0.15683 AT (378773.16, 3744841.58, 16.20, 16.20, 0.00)	GC	UCART1
	2ND HIGHEST VALUE IS	0.10808 AT (378773.16, 3744928.62, 12.10, 12.10, 0.00)	GC	UCART1
	3RD HIGHEST VALUE IS	0.10526 AT (378865.64, 3744841.58, 13.20, 13.20, 0.00)	GC	UCART1
	4TH HIGHEST VALUE IS	0.09581 AT (378865.64, 3744754.54, 15.50, 15.50, 0.00)	GC	UCART1
	5TH HIGHEST VALUE IS	0.09484 AT (378680.68, 3744841.58, 16.30, 16.30, 0.00)	GC	UCART1
	6TH HIGHEST VALUE IS	0.08746 AT (378865.64, 3744928.62, 12.10, 12.10, 0.00)	GC	UCART1
	7TH HIGHEST VALUE IS	0.08171 AT (378764.13, 3744792.35, 17.23, 17.23, 0.00)	DC	
	8TH HIGHEST VALUE IS	0.07763 AT (378885.88, 3744815.41, 14.04, 14.04, 0.00)	DC	
	9TH HIGHEST VALUE IS	0.07733 AT (378886.32, 3744848.88, 12.04, 13.12, 0.00)	DC	
	10TH HIGHEST VALUE IS	0.07339 AT (378887.64, 3744793.83, 14.68, 14.68, 0.00)	DC	

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

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

NETWORK GROUP ID	AVERAGE CONC	DATE (YYMMDDHH) OF TYPE	GRID-ID
RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)			
ALL HIGH 1ST HIGH VALUE IS	10.97814	ON 12011108: AT (378623.61, 3744861.76, 16.68, 20.14, 0.00)	DC

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

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

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

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 1474 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 1223 Calm Hours Identified

A Total of 251 Missing Hours Identified (0.57 Percent)

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

******** WARNING MESSAGES ********
ME W186 854 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 854 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

APPENDIX C – ESTIMATION OF PROJECT CONSTRUCTION DPM EMISSIONS

Torrance Townhomes

Construction DPM Emissions
Data Source: CalEEMod Project Output

Work Schedule 8 hrs/day 5 days per week

Onsite DPM Construction Emissionsss Net acres: 7.82 340,640.6 SF

Size of the Construction Area: 31,647 m2

Unit Emission Rate: unmitigated

Daily Max Onsite PM10E

Activity	Start Date	End Date	DPM Emissions lb/day	Work Days days	DPM Emissions (lbs)	DPM Emissions (tons)	
Demolition	12/1/2028	12/31/2028	0.78	**20**	15.52	0.007758	
Demolition 2029	1/1/2029	1/18/2029	0.74	**15**	11.04	0.005522	
Site Prep 2029	1/22/2029	2/2/2029	1.44	**10**	14.35	0.007176	
Grading	2/5/2029	3/2/2029	0.88	**20**	17.66	0.008828	
Building Con 2029	3/5/2029	12/31/2029	0.30	**215**	64.32	0.032160	
Building Con 2030	1/1/2030	1/18/2030	0.28	**15**	4.24	0.002120	
Paving 2029	3/5/2029	3/30/2029	0.24	**20**	4.78	0.002390	
Arch Coating 2029	7/3/2029	12/31/2029	0.02	**130**	2.23	0.001115	
Arch Coating 2030	1/1/2030	1/17/2030	0.01	**13**	0.20	0.000098	
			4.6826	459	134	0.067168	

< Removed from total duration dates, as these all overlap at some point with building construction

ONLY 295 DAYS OF CONSTRUCTION

Year	Annual DPM Emissions (tons/year)	# Construction Work Days	Average Daily DPM Emissions (lb/day)	Average Hourly DPM Emissions (lb/hr)	Average Hourly DPM Emissions (g/sec)	Average Hourly DPM Area Emission (g/m2-sec)		
2028	0.007758	20	0.7758	0.0970	0.0122	3.865E-07	→	**2.27E-07**
2029	0.057192	260	0.4399	0.0550	0.0069	2.191E-07		
2030	0.002218	15	0.2957	0.0370	0.0047	1.473E-07		
					0.019			

Offsite DPM Construction Emissionsss 260

Daily Max Offsite PM10E — Daily Max Offsite PM10E — Daily Max Offsite PM10E

Activity	Start Date	End Date	Work Days	Offsite DPM Haul Truck (lb/day)	Offsite DPM Haul Truck (pounds)	Offsite DPM Haul Truck tons	Offsite DPM Vendor Truck (lb/day)	Offsite DPM Vendor Truck (pounds)	Offsite DPM Vendor Trucks (tons)	Offsite DPM Worker Vehicles (lb/day)	Offsite DPM Worker Vehicles (pounds)	Offsite DPM Worker Vehicles (tons)	
Demolition	12/1/2028	12/31/2028	20	0.1455	2.9100	0.0015	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	**0.1455**
Demolition 2029	1/1/2029	1/18/2029	15	0.1455	2.1826	0.0011	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	**0.1455**
Site Prep 2029	1/22/2029	2/2/2029	10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	**0.0000**
Grading	2/5/2029	3/2/2029	20	0.0551	1.1023	0.0006	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	**0.0551**
Building Con 2029	3/5/2029	12/31/2029	215	0.0000	0.0000	0.0000	0.0116	2.4870	0.0012	0.0000	0.0000	0.0000	**0.0116**
Building Con 2030	1/1/2030	1/18/2030	15	0.0000	0.0000	0.0000	0.0116	0.1735	0.0001	0.0000	0.0000	0.0000	**0.0116**
Paving 2029	3/5/2029	3/30/2029	20	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	**0.0000**
Arch Coating 2029	7/3/2029	12/31/2029	130	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	**0.0000**
Arch Coating 2030	1/1/2030	1/17/2030	13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	**0.0000**
				0.3461	6.1949	0.0031	0.0231	2.6605	0.0013	0.0000	0.0000	0.0000	

Offsite DPM Emissions (at the CalEEMOd Default Trip Distances) 129.2857143

Year	# of Construction Days	Haul Trucks Annual Emissions (tons/year)	Haul Trucks Average Daily (lb/day)	Haul Trucks Average Hourly (lb/hr)	Haul Trucks Average Hourly (g/sec)	Vendor Trucks Annual Emissions (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)	
2028	20	1.46E-03	1.46E-01	1.82E-02	2.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03
2029	260	1.64E-03	1.26E-02	1.58E-03	1.99E-04	1.24E-03	9.57E-03	1.20E-03	1.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
2030	15	0.00E+00	0.00E+00	0	0.00E+00	8.68E-05	1.16E-02	1.45E-03	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	

CalEEMod Construction Vehicle Trip Length

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

On/Off site Travel Links

	Travel Distance (m)	Travel Distance (mi)	% of Truck Travel
Route 1: Southernmost Project Site > Torrance Blvd > SR-110 Interchange	2798	1.738596596	100%
Route 2: SR-110 Interchange > SR-110 SB	479.5	0.297947487	50%
Route 3: SR-110 Interchange > SR-110 NB	652.1	0.405196154	50%

Offsite Scaled DPM Emissions to AERMOD Trip Distance

	Haul Trucks (g/sec)	Vendor Trucks (g/sec)	Worker Vehicles (g/sec)	Total (g/sec)	Total (lb/hr)	Total (lb/day)
Year 2028 (Scaled for Distance and Distribution)	2.294E-03	0.000E+00	0.000E+00	2.294E-03	1.819E-02	1.455E-01
Route 1: Southernmost Project Site > Torrance Blvd > SR-110 Interch	1.994E-04	0.000E+00	0.000E+00	1.994E-04	1.581E-03	1.265E-02
Route 2: SR-110 Interchange > SR-110 SB	1.708E-05	0.000E+00	0.000E+00	1.708E-05	1.355E-04	1.084E-03
Route 3: SR-110 Interchange > SR-110 NB	2.323E-05	0.000E+00	0.000E+00	2.323E-05	1.842E-04	1.474E-03
2029 (From CalEEMOd) 2029 (Scaled for Distance and Distribution)	1.992E-04	1.508E-04	0.000E+00	3.500E-04	2.775E-03	2.220E-02
Route 1: Southernmost Project Site > Torrance Blvd > SR-110 Interch	1.731E-05	2.570E-05	0.000E+00	4.302E-05	3.411E-04	2.729E-03
Route 2: SR-110 Interchange > SR-110 SB	1.484E-06	2.202E-06	0.000E+00	3.686E-06	2.923E-05	2.338E-04
Route 3: SR-110 Interchange > SR-110 NB	2.018E-06	2.993E-06	0.000E+00	5.013E-06	3.975E-05	3.180E-04
2030 (From CalEEMOd) 2030 (Scaled for Distance and Distribution)	0.000E+00	1.823E-04	0.000E+00	1.823E-04	1.446E-03	1.157E-02
Route 1: Southernmost Project Site > Torrance Blvd > SR-110 Interch	0.000E+00	3.108E-05	0.000E+00	3.108E-05	2.465E-04	1.972E-03
Route 2: SR-110 Interchange > SR-110 SB	0.000E+00	2.663E-06	0.000E+00	2.663E-06	2.112E-05	1.689E-04
Route 3: SR-110 Interchange > SR-110 NB	0.000E+00	3.622E-06	0.000E+00	3.622E-06	2.872E-05	2.298E-04

Weighted Average Emissions	
Route 1: Southernmost Project Site > Torrance Blvd > SR-110 Interchange	**5.3010E-05 g/sec**
Route 2: SR-110 Interchange > SR-110 SB	**4.5422E-06 g/sec**
Route 3: SR-110 Interchange > SR-110 NB	**6.1772E-06 g/sec**

APPENDIX D – ESTIMATION OF CONSTRUCTION HEALTH RISK

Torrance Townhomes

Exposure Durations During Construction

	Start	End	Days	% Year
Calendar Construction Days	12/1/2028	1/18/2030	413	1.13
3rd Trimester (2028)	12/1/2028	12/31/2028	31	0.08
3rd Trimester (2029)	1/1/2029	3/1/2029	59	0.16
0-2 year (2029)	3/1/2029	12/31/2029	306	0.84
0-2 year (2030)	1/1/2030	1/18/2030	17	0.05

0.88 years w/o pre-birth

13.54 months

Age Group	Exposure Frequency, EF				Construction Exposure Duration, (ED) (Years)	Age Sensitivity Factors (ASF)	Fraction Time at Home (FAH)	Daily Breathing Rate[a] (DBR) (l/kg-day)
	Construction		Operation					
	Hours/Day	Days/Year	Hours/Day	Days/Year				
Sensitive/Residential Receptor – Pre-birth to Adult (30-year duration)								
3rd Trimester to Birth	8	250	24	350	0.25	10	0.85	361
0 to 2 years	8	250	24	350	0.88	10	0.85	1,090
2 to 16 years	8	250	24	350		3	0.72	745
16 to 30 years	8	250	24	350		1	0.73	335
Sensitive Receptor/Residential Child (9-year duration)								
3rd Trimester to Birth	8	250	24	350	0.25	10	0.85	361
0 to 2 years	8	250	24	350	0.88	10	0.85	1,090
2 to 9 years	8	250	24	350	0.00	3	0.73	861
Sensitive Receptor/Residential Receptor – Adult (30-year duration)								
17 years and older	8	350	24	350	1.13	1	0.73	335
Worker Receptor (25-years duration)								
17 years and older	8	250	8	250	0.00	1		230

Torrance Townhomes

Annual DPM Concentrations at Maximum Impacted Sensitive and Worker Receptor

Onsite Unit Emission Source Rate

Results:

Max School=	0	
Max Residential=	0.07763	
Max Hospital=	0	
Max Sensitive Receptor=	0.07763	< Ran on 12/8
Max Worker=	0.08171	

Receptor	Cancer Risk (per million)		Exceeds Significance Threshold?
	Maximum Lifetime Proposed Project Risk	Significance Threshold	
Maximum Impacted Sensitive Receptor – Infant to Adult (0.73 years)	7.48	10	No
Maximum Impacted Sensitive Receptor – Child	7.96	10	No
Maximum Impacted Sensitive Receptor – Adult	0.23	10	No
Maximum Impacted Worker Receptor	0.23	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 (0.73 years)	0.02	1	No
Maximum Impacted Sensitive Receptor – Adult	0.02	1	No
Maximum Impacted Worker Receptor	0.02	1	No

Torrance Townhomes

No Mitigation

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance	Residential	30-year Exposure	Total Cancer risk	HI
			7.4828	0.0155

Maximum Period DPM Concentration **7.76E-02** 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)
3rd Trimester	2028	0.07763	1.1	361	0.08	250	25550	0.85	10	0.217754
3rd Trimester	2028	0.07763	1.1	361	0.16	250	25550	0.85	10	0.414435
0	2029	0.07763	1.1	1090	0.84	250	25550	0.85	10	6.490010
1	2030	0.07763	1.1	1090	0.05	250	25550	0.85	10	0.360556

Torrance Townhomes

No Mitigation

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance	Residential	30-year Exposure	Adult						Total Cancer risk	HI
									0.231204	0.0155
Maximum Period DPM Concentration		**0.07763**	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)
3rd Trimester	2028	0.07763	1.1	335	0.08	250	25550	0.73	1	0.02
0	2029	0.07763	1.1	335	1.00	250	25550	0.73	1	0.20
1	2030	0.07763	1.1	335	0.05	250	25550	0.73	1	0.01

Torrance Townhomes

No Mitigation

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance	**Worker**	**25-year Exposure**						**Total Cancer risk**	
								0.229	0.016

Maximum Period DPM Concentration **0.08171** 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)**
3rd Trimester	2028	0.08171	1.1	230	0.08	250	25550	1	0.02
0	2029	0.08171	1.1	230	1.00	250	25550	1	0.20
1	2030	0.08171	1.1	230	0.05	250	25550	1	0.01