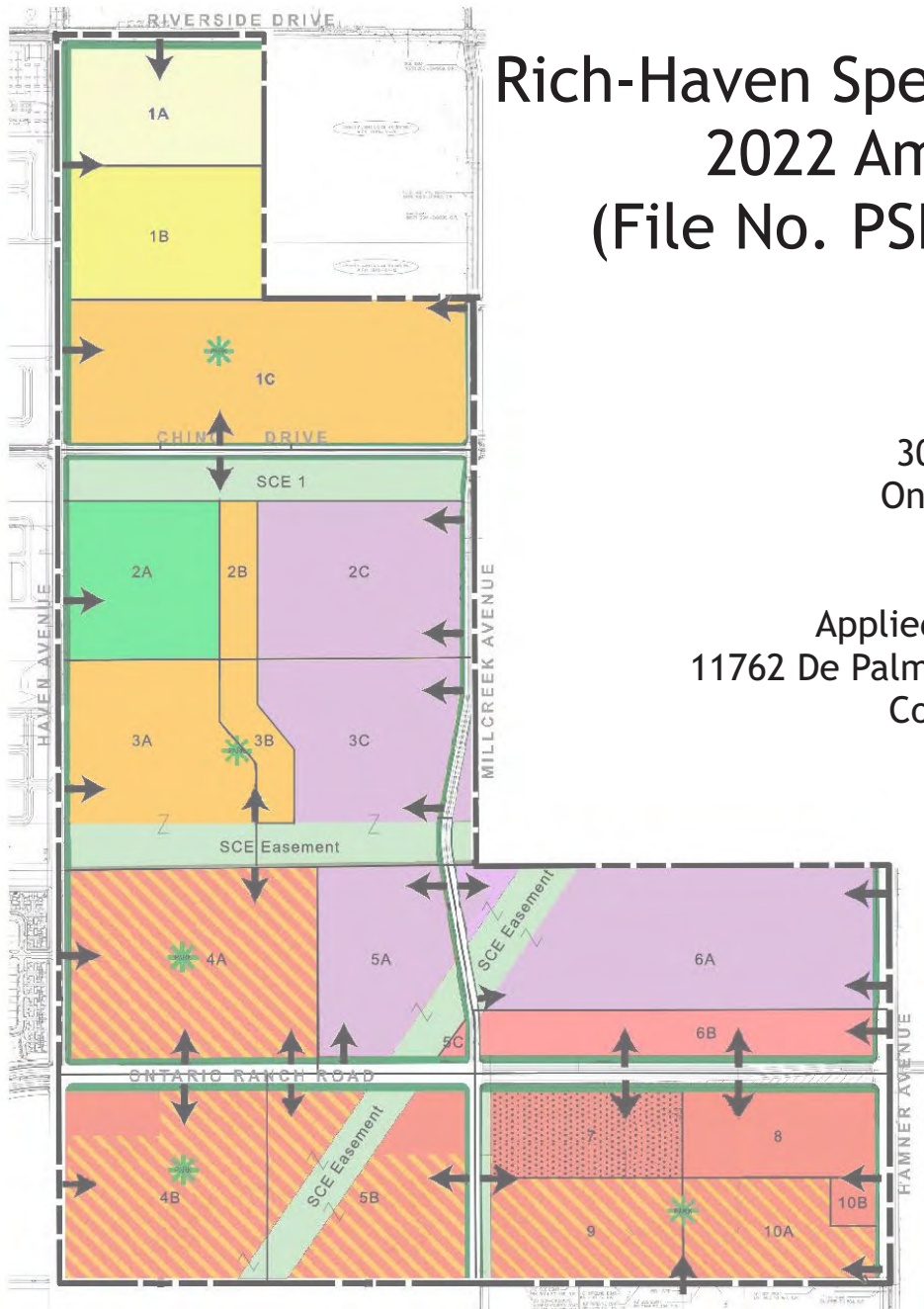


# Screencheck Final Environmental Impact Report for the Rich-Haven Specific Plan 2022 Amendment (File No. PSPA22-001)

Prepared for:  
City of Ontario  
303 East B Street  
Ontario, CA 91764

Prepared by:  
Applied Planning, Inc.  
11762 De Palma Road, 1C-310  
Corona, CA 92883

May 8, 2023



*Screencheck*  
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for the  
**Rich-Haven Specific Plan, 2022 Amendment**

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# 1.0 INTRODUCTION

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# **1.0 INTRODUCTION**

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## **1.1 OVERVIEW**

This document, combined with the Draft Environmental Impact Report (DEIR), constitutes the Final EIR for the Rich-Haven Specific Plan, 2022 Amendment Project (Project). The DEIR describes existing environmental conditions relevant to the proposal, evaluates the Project's potential environmental effects, and identifies mitigation measures to reduce or avoid the potentially significant impacts. The DEIR was circulated for a 45-day review period: February 24 through April 10, 2023.

## **1.2 CONTENT AND FORMAT**

Subsequent to this introductory Section 1.0, Section 2.0 of this Final EIR presents revisions and errata corrections to the DEIR text. Responses to comments received on the DEIR are presented in Final EIR Section 3.0. The EIR Mitigation Monitoring Program is presented in Final EIR Section 4.0.

## **1.3 DRAFT EIR COMMENTERS**

### **1.3.1 Overview**

The complete list of Draft EIR commenters, along with copies of comment letters and responses to comments, is presented in Section 3.0 of this Final EIR. The following list identifies the comment letters received in regard to the Draft EIR:

- Governor's Office of Planning and Research, State Clearinghouse
- San Bernardino County, Department of Public Works
- South Coast Air Quality Management District
- Eric Belisle
- Vivian Or
- Kendra Reif

### **1.3.2 Presentation of Comments and Responses**

All comment letters received in regard to the Draft EIR are included, along with corresponding responses, in their entirety in Final EIR Section 3.0, *Comments and Responses*.

## **1.4 LEAD AGENCY AND POINT OF CONTACT**

The Lead Agency for the Project and EIR is the City of Ontario. Any questions or comments regarding the preparation of this document, its assumptions, or its conclusions, should be referred to:

City of Ontario  
Planning Department  
303 East "B" Street  
Ontario, CA 91764  
Contact Person: Lorena Mejia, Senior Planner

## **1.5 PROJECT SUMMARY**

The following information is summarized from the Project Description in the Draft EIR. For additional detail in regard to Project characteristics and Project-related improvements, along with analyses of the Project's potential environmental impacts, please refer to Draft EIR Sections 3.0 and 4.0, respectively.

### **1.5.1 Project Location**

The Project is located in the City of Ontario, within San Bernardino County. The Project site is located at the southeast corner of Haven Avenue and Riverside Drive.

### **1.5.2 Project Overview**

Under the proposed 2022 RHSP Specific Plan Amendment, the Specific Plan Area would be developed with up to 7,194 dwelling units, up to 925,002 square feet of commercial space, and up to 2,767,148 square feet of light industrial uses.

### **1.5.3 Project Objectives**

The broad vision of the 2022 Specific Plan Amendment is to create a community with a mixture of uses, connected through a series of trails, which provides opportunities for people to live, work and play. Supporting 2022 Specific Plan Amendment objectives are listed below.

#### **General**

- Implement TOP 2050 Policy Plan Land Use Plan.
- Support TOP 2050 vision for urbanization of the Ontario Ranch area of the City.
- Implement a Specific Plan development supporting office/commercial and light industrial uses providing a broad range of long-term employment opportunities.
- Implement Specific Plan developments providing a broad range of additional construction employment opportunities.
- Establish new development that would further the City’s near-term and long-range fiscal goals.
- Improve the regional jobs/housing balance.

#### **Specific Plan Uses**

##### **Livable Neighborhood Development**

- Incorporate Traditional Neighborhood Design guiding principles during the design phase to provide for opportunities to achieve the Project’s vision statement, including:
  - Connections. To provide a series of sidewalks and trails connecting community parks, civic uses, employment areas, mixed-use and transit stops designed to be pedestrian friendly to avoid unnecessary automobile trips.
  - Traditional Street Network. To design a hierarchy of streets connected in a grid network with a variety of routes for pedestrians and vehicles, as well as creating a visually favorable and comfortable environment for pedestrians and bicyclists.
  - Main Street Environment. To design commercial/retail areas to a human scale with storefronts oriented to the street providing a “Main Street” atmosphere for strolling and shopping, all within walking distance from most homes.



- Public Spaces. To create plazas, parks, and community gathering places placed within centralized areas providing synergy between adjacent land uses.
- Identifiable Neighborhoods. To design neighborhoods around a discernable center, which may include a small park, square, school, or mixed-use center, within a five-minute walking distance.
- Mix of Housing. To provide neighborhoods with a range of household types: a variety of single-family detached homes, attached units for young families, and live/work units for small at-home businesses.
- Design a mixed-use environment to ensure compatible uses that are cohesive and integrate a diversity of residential neighborhoods, with a range of commercial uses, and supporting open spaces.
- Utilize transportation, utility, and greenways/open space networks to establish clear edges and boundaries.
- Accommodate residential, commercial, open space, public, and other uses in accordance with the generalized distribution of uses depicted within the City's TOP Land Use Plan.
- Implement elements that will ensure walkability throughout the Project Area to discourage automobile dependency and encourage walking, biking, and other forms of transportation. This is achieved through the incorporation of subarea greenways and pedestrian connections and through sensitive site design of mixed-use development.
- Implement technological advances within residential communities, including internet access, to allow residents to shop and work from home and to decrease reliance on automobiles.
- Provide opportunity for at least one major public plaza/square as a centerpiece of community activities, including events and celebrations, outdoor performances, community meetings, picnics, farmers markets, and similar functions.
- Establish a clearly defined "edge" for the City's TOP area, where appropriate, that avoids the use of walls and creation of a "walled" enclave.
- Incorporate electrical transmission corridors and similar elements to form "edges" for residential neighborhoods and centers and/or accommodate public greenways/trails/corridors.

## **Residential District Objectives**

- Create a livable community with neighborhoods designed at a human scale and oriented for pedestrian access to mixed-use, educational, and recreational uses.
- Provide for a range and diversity of housing products (detached single-family, detached and attached condominiums, and townhomes) that respond to a variety of homeownership needs and desires.
- Design residential projects to complement the character of adjacent neighborhoods.
- Encourage interaction among residents through the provision of an organized, simple, and “neo-traditional” system of streets, pathways, and entries to allow residents to walk or bike to parks, recreation, and public facilities (including schools).
- Promote outdoor activity and casual social contact among residents and neighbors by designing neighborhoods around a central park where they can gather.
- Provide a focal point of activity within each residential planning area that may include a park, school, common area, or public meeting facility.
- Encourage architectural styles and traditional design elements that reflect the historic and eclectic mixture of architecture, reflective of the greater Ontario area.
- Increase densities adjacent to commercial centers.
- Establish clear, defined “edges” and “entries” that contribute to neighborhood identity.
- Avoid the use of walls to separate residential areas from arterials and other high traffic volume streets by expanded landscape setbacks, frontage roads, and other appropriate techniques.
- Include clustered multi-family housing within the Residential District, in order to create a diverse range of housing products and opportunities, while still in keeping with the overall low-density residential designation.
- Locate higher-density residential uses that provide population to support adjacent regional commercial centers.
- Provide sufficient on-site recreational amenities within higher density developments.
- Include community-oriented uses such as public meeting rooms, plazas and courtyards, and similar uses.

- Establish visual and physical links among the individual multi-family developments to create a cohesive and continuous corridor.
- Design building elevations to promote visual interest.
- Provide linkages between community service facilities, multi-family corridors, and residential neighborhoods.

### **Regional Commercial/Mixed-Use District Objectives**

- Accommodate a diversity of large-scale retail, community and neighborhood shopping, office, medical research, entertainment, hotel/motel, dining, housing, cultural, public, and similar uses that will serve the Project area and neighboring Planning Areas.
- Function with a high level of activity and/or employment.
- Accommodate development of multi-family housing, mixed-use buildings that incorporate housing and retail/office, and live/work facilities.
- Accommodate single-use buildings and mixed-use structures containing a variety of uses from residential over retail or office-to-office over retail.
- Encourage traditional, mixed-use design of commercial buildings, by requiring a lower maximum floor area ration (FAR) for single-use buildings, and a higher maximum FAR for mixed-use buildings.
- Develop plaza areas and other amenities to provide places of social interaction.
- Include one or more public “squares” to serve as gathering places.
- Incorporate modulated building volumes, mass, height, and articulated facades to create individual spaces.
- Site a portion of the buildings on peripheral streets to provide connectivity to adjacent uses.
- Orient buildings towards the local streets whenever possible to create an urban edge and sense of arrival and place.
- Include sidewalks of sufficient width to accommodate pedestrian activity and outdoor restaurants, newsstands, and other uses.
- Create visual interest through the opening of streets and sidewalks/plazas towards building elevations.
- Incorporate landscaping to enhance the environment.

- Visually integrate parking structures to continue the intended design character of the district.
- Incorporate multi-family housing to create a cohesive and continuous corridor.
- Ensure an appropriate mix of uses (residential and commercial) that are compatible.
- Encourage pedestrian access and ease of use within the mixed-use area by designing pedestrian and bike paths.
- Create a “Main Street” environment with buildings designed to a human scale where pedestrian activity is not overwhelmed by automobile traffic.
- Utilize urban design to create a “Gateway” or portal to the Ontario Ranch.

### **Industrial District Objectives**

- Incorporate transitions and/or buffers between commercial/mixed-use and industrial areas and adjacent residential areas.
- Contribute to the regional jobs to housing balance by providing employment opportunities while minimizing development impacts on surrounding neighborhoods.
- Create a high-quality industrial park development that attracts an array of businesses and provides employment opportunities within proximity to area residents.
- Provide safe and efficient access/circulation routes for the distribution/transportation of goods.

### **Circulation Objectives**

- Provide a circulation system designed to promote pedestrian activity through a network of off-street pedestrian walkways linking each neighborhood to parks, mixed-use commercial, and residential uses.
- Design a hierarchy of streets connected in a grid network with a variety of routes for pedestrians and vehicles, creating a visually attractive, enhanced, and comfortable environment for pedestrians and bicyclists.
- Design streets to incorporate landscaped parkways and pedestrian walkways separated from the street to enhance safety and enjoyment of residents and visitors.

- Provide opportunities for transit connections and alternative modes of transportation.

### **Recreation/Trails Objectives**

- Provide new recreational opportunities for residents through the development of a series of public and private parks.
- Provide a series of pedestrian trails connecting community parks, civic uses, mixed-use, and transit stops designed to be pedestrian friendly to avoid unnecessary automobile trips.
- Incorporate off-street multi-use trails within the Southern California Edison easements.
- Incorporate a system of on- and off-street bicycle pathways with access from the residences to mixed-use areas.
- Use landscaping and streetscape materials that are low maintenance in recreation and trail areas.
- Provide a system of on-street bikeways integrated throughout the Project to provide access to schools, parks, and commercial uses.
- Provide new recreational opportunities for residents through the development of a series of parks ranging in size.

### **Community Facilities Objectives**

- Incorporate existing major utilities into the overall fabric of the community.
- Provide opportunities for incorporation of community facilities (e.g., schools, fire station) as identified by affected agencies.

## **1.5.4 Discretionary Actions**

### **1.5.4.1 Lead Agency Discretionary Actions and Permits**

*CEQA Guidelines* Section 15124 states in pertinent part that if “a public agency must make more than one decision on a project, all its decisions subject to CEQA should be listed...” Requested decisions, or discretionary actions, necessary to realize the Project would include:

- EIR Certification;
- Approval of the 2022 Specific Plan Amendment;
- Approval of Tentative Parcel/Tract Maps;
- Approval of Development Agreements; and
- Approval of Development Plans.

#### **1.5.4.2 Other Agency Consultation and Permits**

Anticipated consultation(s) and permits from agencies necessary to realize the Project would likely include, but are not limited to, the following:

- Permitting by/through the Regional Water Quality Control Board (RWQCB) pursuant to requirements of the City's National Pollutant Discharge Elimination System (NPDES) Permit.
- Permitting by/through the South Coast Air Quality Management District (SCAQMD) for certain equipment or land uses that may be implemented pursuant to the Project.
- Permitting (i.e., utility construction and connection permits) from affected utility purveyors, notably the City of Ontario, IEUA, and SCE.

Other ministerial permits necessary to realize all on- and off-site improvements related to the development of the Project.

## **2.0 REVISIONS AND ERRATA CORRECTIONS**

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## **2.0 REVISIONS AND ERRATA CORRECTIONS**

### **2.1 INTRODUCTION**

Based on the comments received on the Draft EIR (which are provided in full in Section 3.0 of this Final EIR), this Section presents revisions to the text of the Draft EIR. For text corrections, additional text is identified by **bold underlined text**, while deletions are indicated by ~~strikeout~~ font. All text revisions affecting mitigation measures have been incorporated into the Mitigation Monitoring Plan presented in Section 4.0 of this Final EIR. Text changes are presented under the chapter or topical section of the Draft EIR where they are located. The revisions and corrections provided here expand and clarify analyses previously provided, and do not constitute substantive new information. Conclusions of the Draft EIR are not affected by these revisions.

### **2.2 REVISIONS**

#### **2.2.1 Revisions to Draft EIR Section 4.11, Cultural Resources**

Pursuant to discussions between the City and responding Native American Tribal Representatives, Mitigation Measures 4.11.1 through 4.11.9 are universally revised and replaced by new Mitigation Measures 4.11.1, 4.11.2, and 4.11.3, as follows. Results and conclusions of the EIR are not affected.

~~4.11.1 Prior to the issuance of (a) grading permit(s) for development proposal(s) within the Specific Plan Area, the Applicant or successor(s) in interest shall provide a letter to the City of Ontario Building Department, or designee, from a qualified professional archeologist meeting the Secretary of Interior's Professional Qualifications for Archaeology as defined at 36 CFR Part 61, Appendix A stating that the archeologist has been retained to provide on-call services in the event archeological resources are discovered. The archeologist shall be present at the pre-~~



~~grading conference to establish procedures for archeological resource surveillance. In the event a previously unrecorded archaeological deposit is encountered during construction, all activity within 50 feet of the area of discovery shall cease and the City shall be immediately notified. The archeologist shall be contacted to flag the area in the field and determine if the archaeological deposits meet the CEQA definition of historical (State CEQA Guidelines 15064.5(a)), unique archaeological resource (Public Resources Code 21083.2(g)), or Tribal Cultural Resource (Public Resources Code 21074 (a)). If the find is considered a "resource" the archaeologist shall pursue either protection in place or recovery, salvage and treatment of the deposits. A qualified archaeologist and a Native American Monitor of Gabrieleño Ancestry shall evaluate all archaeological resources unearthed by Project construction activities. If the resources are Native American in origin, they shall have the opportunity to consult with the City and/or Project developer on appropriate treatment and curation of these resources. If unique archaeological resources, or Tribal Cultural Resources cannot be preserved in place or left in an undisturbed state, recovery, salvage and treatment shall be required at the Applicant or successor(s) in interest's expense. Recovery, salvage and treatment protocols shall be developed in accordance with applicable provisions of Public Resource Code Section 21083.2 and State CEQA Guidelines 15064.5 and 15126.4. All recovered and salvaged resources shall be prepared to the point of identification and permanent preservation by the archaeologist. Resources shall be identified and curated into an established accredited professional repository. The archaeologist shall have a repository agreement in hand prior to initiating recovery of the resource. Excavation as a treatment option shall be restricted to those parts of the unique archaeological resource, or Tribal Cultural Resource that would be damaged or destroyed by the Project.~~

~~4.11.2 Project developer(s) shall retain a Native American Monitor of Gabrieleño Ancestry (Native American Monitor) that was consulted on this Project pursuant to Assembly Bill A52 – SB18 to conduct a Native American Indian Sensitivity Training for construction personnel prior to commencement of any excavation activities. The training session shall include a handout and focus on how to identify~~

~~Native American resources encountered during earthmoving activities and the procedures followed if resources are discovered, the duties of the Native American Monitor of Gabrieleño Ancestry and the general steps the Monitor would follow in conducting a salvage investigation.~~

~~4.11.3 Project developer(s) shall retain a Native American Monitor of Gabrieleño Ancestry that was consulted on this Project pursuant to Assembly Bill A52—SB18 to be on-site during all Project-related, ground-disturbing construction activities. Such activities include: pavement removal, auguring, boring, grading, excavation, potholing, trenching, and/or grubbing of previously undisturbed native soils to a maximum depth of 30 feet below ground surface. A copy of the executed consultant contract shall be submitted to the City of Ontario Planning Department prior to the issuance of any grading permit (any ground-disturbing activity). At their discretion, a Native American Monitor of Gabrieleño Ancestry can be present during the removal of dairy manure to native soil, but not at developer expense.~~

~~4.11.4 A qualified archaeologist and a Native American Monitor of Gabrieleño Ancestry that was consulted on this Project pursuant to Assembly Bill A52—SB18 shall evaluate all archaeological resources unearthed by Project construction activities. If the resources are Native American in origin, the Tribe shall coordinate with the developer regarding treatment and curation of these resources. Typically, the Tribe will request reburial or preservation for educational purposes. If archeological features are discovered, the archeologist shall report such findings to the Ontario Planning Director. If the archeological resources are found to be significant, the archeologist shall determine the appropriate actions, in cooperation with the City that shall be taken for exploration and/or salvage in compliance with CEQA Guidelines Section 15064.5(f).~~

~~4.11.5 Prior to the start of ground disturbing activities, developer(s) shall arrange a designated site location within the footprint of the Project for the respectful reburial of Tribal human remains and/or ceremonial objects. All human skeletal material discoveries shall be reported immediately to the County Coroner. The~~

~~Native American Monitor shall immediately divert work a minimum of 50 feet from the discovery site and place an exclusion zone around the burial.~~

~~4.11.6 If encountering human skeletal materials, the Native American Monitor shall notify the construction manager who shall contact the San Bernardino County Coroner. All construction activity shall be diverted while the San Bernardino County Coroner determines if the remains are Native American. The discovery shall be confidential and secure to prevent further disturbance. If Native American, the San Bernardino County Coroner shall notify the Native American Heritage Commission (NAHC) as mandated by state law who will then appoint a Most Likely Descendant. In the case where discovered human remains cannot be documented and recovered on the same day, the remains shall be covered with muslin cloth and a steel plate that can be moved by heavy equipment placed over the excavation opening to protect the remains. If this type of steel plate is not available, a 24 hour guard shall be posted outside working hours. The Tribe shall make every effort to recommend diverting the Project and keep the remains in situ and protected. If the Project cannot be diverted, it may be determined that burials will be removed. If data recovery is approved by the Tribe, documentation shall be taken which includes, at a minimum, detailed descriptive notes and sketches. Additional types of documentation shall be approved by the Tribe for data recovery purposes. Cremations will either be removed in bulk or means necessary to ensure complete recovery of all material. If the discovery of human remains includes four (4) or more burials, the location is considered a cemetery and a separate treatment plan shall be created. The Project developer shall consult with the Tribe regarding avoidance of all cemetery sites. Once complete, a final report of all activities shall be submitted to the NAHC.~~

~~4.11.7 There shall be no Scientific study or the utilization of any invasive diagnostics on any Native American human remains.~~

~~4.11.8 If the San Bernardino County Coroner determines the remains represent a historic non Native American burial, the burial shall be treated in the same manner~~

~~of respect with agreement of the San Bernardino County Coroner. Reburial will be in an appropriate setting. If the San Bernardino County Coroner determines the remains to be modern, the San Bernardino County Coroner shall take custody of the remains.~~

~~4.11.9 As directed by the Project Archaeologist in consultation with the Native American Monitor, each occurrence of human remains and associated funerary objects shall be stored using opaque cloth bags. All human remains, funerary objects, sacred objects and objects of cultural patrimony shall be removed to a secure container on site if possible. These items shall be retained and reburied within six months of recovery. The site of reburial/repatriation shall be on the Project site, but at a location agreed upon between the Tribe and developer(s) and protected in perpetuity. There shall be no publicity regarding any cultural materials recovered.~~

**4.11.1 Retain a Native American Monitor Prior to Commencement of Ground-Disturbing Activities:**

**A. The project applicant/lead agency shall retain a Native American Monitor from or approved by the Gabrieleño Band of Mission Indians – Kizh Nation. The monitor shall be retained prior to the commencement of any “ground-disturbing activity” for the subject project at all project locations (i.e., both on-site and any off-site locations that are included in the project description/definition and/or required in connection with the project, such as public improvement work). “Ground-disturbing activity” shall include, but is not limited to, demolition, pavement removal, potholing, auguring, grubbing, tree removal, boring, grading, excavation, drilling, and trenching.<sup>1</sup>**

**B. A copy of the executed monitoring agreement shall be submitted to the lead agency prior to the earlier of the commencement of any**

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<sup>1</sup> Tribal monitoring shall cease once all ground disturbance activities have been completed with respect to the property or portion thereof. Example: Once excavation, grading, trenching, etc. have occurred tribal monitoring shall cease.

ground-disturbing activity, or the issuance of any permit necessary to commence a ground-disturbing activity.<sup>2</sup>

C. The monitor will complete daily monitoring logs that will provide descriptions of the relevant ground-disturbing activities, the type of construction activities performed, locations of ground-disturbing activities, soil types, cultural-related materials, and any other facts, conditions, materials, or discoveries of significance to the Tribe. Monitor logs will identify and describe any discovered TCRs, including but not limited to, Native American cultural and historical artifacts, remains, places of significance, etc., (collectively, tribal cultural resources, or "TCR"), as well as any discovered Native American (ancestral) human remains and burial goods. Copies of monitor logs will be provided to the project applicant/lead agency upon written request to the Tribe.

D. On-site tribal monitoring shall conclude upon the latter of the following (1) written confirmation to the Kizh from a designated point of contact for the project applicant/lead agency that all ground-disturbing activities and phases that may involve ground-disturbing activities on the project site or in connection with the project are complete; or (2) a determination and written notification by the Kizh to the project applicant/lead agency that no future, planned construction activity and/or development/construction phase at the project site possesses the potential to impact Kizh TCRs.

E. Upon discovery of any TCRs, all construction activities in the immediate vicinity of the discovery shall cease (i.e., not less than the surrounding 50 feet) and shall not resume until the discovered TCR has been fully assessed by the Kizh monitor and/or Kizh archaeologist. The Kizh will recover and retain all discovered TCRs in the form and/or manner the Tribe deems appropriate, in the Tribe's

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<sup>2</sup>The extent of necessary personnel and hourly wage shall be subject to commercially reasonable standards. If there is a dispute as to scope of the necessary labor needs or wage rates, the City may arbitrate any such disputes in accordance with commercially reasonable standards.

sole discretion, and for any purpose the Tribe deems appropriate, including for educational, cultural and/or historic purposes.

4.11.2 Unanticipated Discovery of Human Remains and Associated Funerary Objects:

- A. Native American human remains are defined in PRC 5097.98 (d)(1) as an inhumation or cremation, and in any state of decomposition or skeletal completeness. Funerary objects, called associated grave goods in Public Resources Code Section 5097.98, are also to be treated according to this statute.
- B. If Native American human remains and/or grave goods discovered or recognized on the project site, then all construction activities shall immediately cease. Health and Safety Code Section 7050.5 dictates that any discoveries of human skeletal material shall be immediately reported to the County Coroner and all ground-disturbing activities shall immediately halt and shall remain halted until the coroner has determined the nature of the remains. If the coroner recognizes the human remains to be those of a Native American or has reason to believe they are Native American, he or she shall contact, by telephone within 24 hours, the Native American Heritage Commission, and Public Resources Code Section 5097.98 shall be followed.
- C. Human remains and grave/burial goods shall be treated alike per California Public Resources Code section 5097.98(d)(1) and (2).
- D. Construction activities may resume in other parts of the project site at a minimum of 200 feet away from discovered human remains and/or burial goods, if the Kizh determines in its sole discretion that resuming construction activities at that distance is acceptable and provides the project manager express consent of that determination (along with any other mitigation measures the Kizh monitor and/or archaeologist deems necessary). (CEQA Guidelines Section 15064.5(f).)

- E. Preservation in place (i.e., avoidance) is the preferred manner of treatment for discovered human remains and/or burial goods. Any historic archaeological material that is not Native American in origin (non-TCR) shall be curated at a public, non-profit institution with a research interest in the materials, such as the Natural History Museum of Los Angeles County or the Fowler Museum, if such an institution agrees to accept the material. If no institution accepts the archaeological material, it shall be offered to a local school or historical society in the area for educational purposes.
- F. Any discovery of human remains/burial goods shall be kept confidential to prevent further disturbance.

4.11.3 Procedures for Burials and Funerary Remains:

- A. As the Most Likely Descendant (“MLD”), the Koo-nas-gna Burial Policy shall be implemented. To the Tribe, the term “human remains” encompasses more than human bones. In ancient as well as historic times, Tribal Traditions included, but were not limited to, the preparation of the soil for burial, the burial of funerary objects with the deceased, and the ceremonial burning of human remains.
- B. If the discovery of human remains includes four or more burials, the discovery location shall be treated as a cemetery and a separate treatment plan shall be created.
- C. The prepared soil and cremation soils are to be treated in the same manner as bone fragments that remain intact. Associated funerary objects are objects that, as part of the death rite or ceremony of a culture, are reasonably believed to have been placed with individual human remains either at the time of death or later; other items made exclusively for burial purposes or to contain human remains can also be considered as associated funerary objects. Cremations will either be removed in bulk or by means as necessary to ensure complete recovery of all sacred materials.

- D. In the case where discovered human remains cannot be fully documented and recovered on the same day, the remains will be covered with muslin cloth and a steel plate that can be moved by heavy equipment placed over the excavation opening to protect the remains. If this type of steel plate is not available, a 24-hour guard should be posted outside of working hours. The Tribe will make every effort to recommend diverting the project and keeping the remains in situ and protected. If the project cannot be diverted, it may be determined that burials will be removed.
- E. In the event preservation in place is not possible despite good faith efforts by the project applicant/developer and/or landowner, before ground-disturbing activities may resume on the project site, the landowner shall arrange a designated site location within the footprint of the project for the respectful reburial of the human remains and/or ceremonial objects.
- F. Each occurrence of human remains and associated funerary objects will be stored using opaque cloth bags. All human remains, funerary objects, sacred objects and objects of cultural patrimony will be removed to a secure container on site if possible. These items should be retained and reburied within six months of recovery. The site of reburial/repatriation shall be on the project site but at a location agreed upon between the Tribe and the landowner at a site to be protected in perpetuity. There shall be no publicity regarding any cultural materials recovered.
- G. The Tribe will work closely with the project's qualified archaeologist to ensure that the excavation is treated carefully, ethically and respectfully. If data recovery is approved by the Tribe, documentation shall be prepared and shall include (at a minimum) detailed descriptive notes and sketches. All data recovery data recovery-related forms of documentation shall be approved in advance by the Tribe. If any data recovery is performed, once complete, a final report shall be submitted to the Tribe and the



**NAHC. The Tribe does NOT authorize any scientific study or the utilization of any invasive and/or destructive diagnostics on human remains.**

## **3.0 COMMENTS AND RESPONSES**

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## 3.0 COMMENTS AND RESPONSES

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### 3.1 INTRODUCTION

The following Section presents written comments received pursuant to public review of the DEIR and provides responses to those comments as required by California Code of Regulations, title 14 (hereinafter, “*CEQA Guidelines*”) Sections 15089, 15132, and 15088. Specifically, *CEQA Guidelines* Section 15088, subd. (a) requires that: “[t]he lead agency. . . evaluate comments on environmental issues received from persons who reviewed the draft EIR and . . . prepare a written response. The lead agency shall respond to comments received during the noticed comment period and any extensions and may respond to late comments.” The DEIR was circulated for a 45-day review period: February 24 through April 10, 2023.

In summary, the City’s written responses describe the disposition of significant environmental issues raised and any revisions to the Draft EIR made as a result of the comments. Additionally, the City’s written responses provide a good faith, reasoned analysis of all environmental issues raised and cite to specific factual and legal support for the Draft EIR’s conclusions.

#### 3.1.1 Comments Received

The following Section presents a list of the comment letters received during the Draft EIR public review period. Comment letters have been generally organized by state agencies; county, city, and local agencies; utilities; and local organizations and individuals. Each letter has been assigned an identifying designation (generally an acronym or name abbreviation), and topical items within each letter have been numbered. Table 3-1 lists all DEIR commenters and the designation assigned to each. Commenter correspondence

and correlating responses are presented subsequently. Comments have been reproduced verbatim and without grammatical or typographical correction.

**Table 3-1  
DEIR Commenters**

<b>Commenter</b>	<b>Acronym Assigned</b>	<b>Correspondence Date</b>
<b>State Agencies</b>		
State Clearinghouse	SCH	--
<b>Regional &amp; County Agencies</b>		
San Bernardino County, Department of Public Works	DPW	3/13/23
South Coast Air Quality Management District	AQMD	4/4/23
<b>Private Organizations/Individuals</b>		
Eric Belisle	EB	3/10/23
Vivian Or	VO	3/13/23
Kendra Reif	KR	3/16/23

# Rich-Haven Specific Plan, 2022 Amendment Project (File No. PSPA22-001)

## Summary

<b>SCH Number</b>	2022100425
<b>Lead Agency</b>	City of Ontario
<b>Document Title</b>	Rich-Haven Specific Plan, 2022 Amendment Project (File No. PSPA22-001)
<b>Document Type</b>	EIR - Draft EIR
<b>Received</b>	2/24/2023
<b>Present Land Use</b>	Zoning: Specific Plan // General Plan: TOP 2050 - LDR, LMDR, MDR, OS-NR, OS-R, MU, IND, GC
<b>Document Description</b>	The Project proposes a new amendment of the 2021 Rich-Haven Specific Plan (RHSP) and would be developed with up to 7,194 dwelling units, up to 925,002 square feet of commercial space, and up to 2,767,148 square feet of light industrial uses..

## Contact Information

<b>Name</b>	Lorena Mejia
<b>Agency Name</b>	City of Ontario
<b>Job Title</b>	Senior Planner
<b>Contact Types</b>	Lead/Public Agency
<b>Address</b>	303 East "B" Street Ontario, CA 91764
<b>Phone</b>	(909) 395-2036
<b>Email</b>	LMejia@ontarioca.gov

## Location

<b>Cities</b>	Ontario
<b>Counties</b>	San Bernardino

<b>Regions</b>	Citywide
<b>Cross Streets</b>	Riverside Drive, Haven Avenue
<b>Zip</b>	91764
<b>Total Acres</b>	584
<b>State Highways</b>	SR-60, I-15
<b>Airports</b>	Ontario International Airport

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## Notice of Completion

<b>State Review Period Start</b>	2/24/2023
<b>State Review Period End</b>	4/10/2023
<b>State Reviewing Agencies</b>	California Air Resources Board (ARB), California Department of Conservation (DOC), California Department of Fish and Wildlife, Inland Deserts Region 6 (CDFW), California Department of Forestry and Fire Protection (CAL FIRE), California Department of Housing and Community Development (HCD), California Department of Parks and Recreation, California Department of Transportation, District 8 (DOT), California Department of Transportation, Division of Aeronautics (DOT), California Department of Transportation, Division of Transportation Planning (DOT), California Department of Water Resources (DWR), California Governor's Office of Emergency Services (OES), California Highway Patrol (CHP), California Native American Heritage Commission (NAHC), California Natural Resources Agency, California Public Utilities Commission (CPUC), California Regional Water Quality Control Board, Santa Ana Region 8 (RWQCB), Department of Toxic Substances Control, Office of Historic Preservation, State Water Resources Control Board, Division of Drinking Water, State Water Resources Control Board, Division of Drinking Water, District 13, State Water Resources Control Board, Division of Water Rights, State Water Resources Control Board, Division of Financial Assistance
<b>Development Types</b>	Residential (Units 7194, Acres 307.5), Commercial (Employment is unknown at this time)(Sq. Ft. 925002, Acres 59.4, Employees 1), Industrial (Employment is unknown at this time)(Sq. Ft. 2767148, Acres 115.5, Employees 1)
<b>Local Actions</b>	Specific Plan, Site Plan
<b>Project Issues</b>	Air Quality, Biological Resources, Cultural Resources, Energy, Geology/Soils, Greenhouse Gas Emissions, Hazards & Hazardous Materials, Hydrology/Water Quality, Land Use/Planning, Noise, Transportation, Tribal Cultural Resources, Utilities/Service Systems
<b>Local Review Period Start</b>	2/24/2023
<b>Local Review Period End</b>	4/10/2023

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## Attachments

**Draft Environmental Document [Draft IS, NOI\_NOA\_Public notices, OPR Summary Form, Appx,]**

PSPA22-001 NOA

PDF

137 K

RichHaven\_DEIR\_Feb232023

PDF

40508 K

Summary\_Form\_for\_Document\_Submittal

PDF

191 K

**Notice of Completion [NOC] Transmittal form**

PSPA22-001 NOC

PDF

221 K

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STATE OF CALIFORNIA  
GOVERNOR'S OFFICE OF PLANNING AND RESEARCH  
STATE CLEARINGHOUSE  
SCH No. 2022100425

**Response SCH-1**

State Clearinghouse receipt of the Rich-Haven Specific Plan, 2022 Amendment Project Draft EIR is acknowledged, as is the distribution of the Draft EIR to the listed State Agencies. The State-assigned Clearinghouse reference number (SCH No. 2022100425) and dates of the public review period for the Draft EIR (February 24 through April 10, 2023) are also acknowledged.





Department of Public Works

- Flood Control
- Operations
- Solid Waste Management
- Special Districts
- Surveyor
- Transportation

www.SBCounty.gov

Brendon Biggs, M.S., P.E.  
Director

Noel Castillo, P.E.  
Assistant Director

David Doublet, M.S., P.E.  
Assistant Director

March 13, 2023

Transmitted Via Email  
File: 10(ENV)-4.01

City of Ontario, Planning Department  
Attn: Lorena Mejia, Senior Planner  
303 East "B" Street  
Ontario, CA 91764  
[LMejia@ontarioca.gov](mailto:LMejia@ontarioca.gov)

RE: CEQA - NOTICE OF AVAILABILITY OF A DRAFT ENVIRONMENTAL IMPACT REPORT  
(FILE NO. PSPA22-001) RICH-HAVEN SPECIFIC PLAN, 2022 AMENDMENT PROJECT  
(SCH NO. 2022100425).

Dear Ms. Mejia:

Thank you for allowing the San Bernardino County Department of Public Works the opportunity to comment on the above-referenced project. **We received this request on February 28, 2023** and pursuant to our review, we have no comments.

We respectfully request to be included on the circulation list for all project notices, public reviews, or public hearings. In closing, I would like to thank you again for allowing the San Bernardino County Department of Public Works the opportunity to comment on the above-referenced project. Should you have any questions or need additional clarification, please contact the individuals who provided the specific comment, as listed above.

DPW-1

Sincerely,

*Nancy Sansonetti*

**Nancy Sansonetti**  
Supervising Planner  
Environmental Management Division

BOARD OF SUPERVISORS

COL. PAUL COOK (RET.)  
Vice Chairman, First District

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Fourth District

JOE BACA, JR.  
Fifth District

Leonard X. Hernandez  
Chief Executive Officer

San Bernardino County, Department of Public Works  
825 East Third Street  
San Bernardino, CA 92415

Email Dated March 13, 2023

**Comment DPW-1**

*Thank you for allowing the San Bernardino County Department of Public Works the opportunity to comment on the above-referenced project. We received this request on February 28, 2023 and pursuant to our review, we have no comments.*

*We respectfully request to be included on the circulation list for all project notices, public reviews, or public hearings. In closing, I would like to thank you again for allowing the San Bernardino County Department of Public Works the opportunity to comment on the above-referenced project. Should you have any questions or need additional clarification, please contact the individuals who provided the specific comment, as listed above.*

**Response DPW-1**

DPW receipt of the Project EIR is acknowledged. DPW provided no comments on the EIR. DPW will be included on the circulation list for all Project notices, public reviews, or public hearings. Contact information provided by DPW is noted. Findings and conclusions of the EIR are not affected. No revisions to the EIR are proposed or required.



# South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178  
(909) 396-2000 • www.aqmd.gov

SENT VIA E-MAIL:

April 4, 2023

[LMejia@ontarioca.gov](mailto:LMejia@ontarioca.gov)

Lorena Mejia, Senior Planner  
City of Ontario, Planning Department  
303 East B Street  
Ontario, California 91764

**Draft Environmental Impact Report (Draft EIR) for the Proposed  
Rich-Haven Specific Plan 2022 Amendment (Proposed Project)  
File No. PSPA22-001 (SCH No. 2022100425)**

South Coast Air Quality Management District (South Coast AQMD) staff appreciates the opportunity to comment on the above-mentioned document. The City of Ontario is the Lead Agency under the California Environmental Quality Act (CEQA) for the Proposed Project. The following comments recommended revisions to the health risk assessment analysis, overlapped construction and operational activities analysis, additional air quality and greenhouse gas mitigation measures, health risk reduction strategies, South Coast AQMD Rules 2305 and 316, and information on South Coast AQMD permits and responsible agency that the Lead Agency should include in the Final EIR.

AQMD-1

**South Coast AQMD Staff's Summary of Project Information in the Draft EIR**

By way of background, the Rich-Haven Specific Plan was approved by the Lead Agency in 2015, with subsequent Specific Plan Amendments approved in 2016, 2018, and 2021.<sup>1</sup> The Lead Agency proposes the current 2021 Specific Plan, which comprises approximately 584 acres,<sup>2</sup> with the Rich-Haven Specific Plan 2022 Amendment (Proposed Project), resulting in the primary revisions<sup>3</sup> to:

- Maintain the total residential development of 7,194 dwelling units, with the residential units and densities would be reassigned
- Reduce commercial development by approximately 65,900 square feet, an approximately 6.7 percent reduction, with a maximum square foot of 925,002.<sup>4</sup> The Proposed Project is assumed to accommodate a variety of commercial/retail development<sup>5</sup>
- Increase light industrial development by approximately 1,583,623 square feet, an approximately 134 percent increase, with a maximum square foot of 2,767,148.<sup>6</sup> The Proposed Project would accommodate a mix of high-cube fulfillment warehouses, refrigerated warehouses, and business park uses<sup>7</sup>

AQMD-2

<sup>1</sup> Draft EIR, Page 3-1.

<sup>2</sup> *Ibid.*

<sup>3</sup> *Ibid.* Page 3-3.

<sup>4</sup> *Ibid.* Page 3-4.

<sup>5</sup> *Ibid.* Page 3-17.

<sup>6</sup> *Ibid.* Page 3-4.

<sup>7</sup> *Ibid.* Page 3-16.

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April 4, 2023

- Other aspects and attributes of the 2021 Specific Plan would be substantively maintained under the Proposed Project

As of this Draft EIR, approximately 468 residential units of the total 7,194 dwelling units have been constructed and are occupied.<sup>8</sup> The remainder of the Proposed Project site has not yet been developed; these land uses include a dairy farm, a former hog ranch, vacant/disturbed properties throughout the site, and Southern California Edison (SCE) transmission line easement.<sup>9</sup> The Proposed Project is west of Interstate 15 (I-15) and south of State Route 60 (SR-60).<sup>10</sup> Based on the aerial photographs, South Coast AQMD staff finds that sensitive receptors (e.g., residences, Colony High School) are within 70-120 feet north, east, and west of the Proposed Project site. The Proposed Project development is anticipated in sequence in two phases: Phase 1 is for light industrial and commercial uses, and Phase 2 is for residential products and community amenities (including parks and open space).<sup>11</sup> The Proposed Project Opening year is defined as 2025.<sup>12</sup> At buildout in 2027,<sup>13</sup> the Proposed Project would generate 95,552 two-way vehicle trips, including 1,144 two-way truck trips per day.<sup>14</sup>

AQMD-2  
(cont'd)

South Coast AQMD Staff's Comments on the Draft EIR

*Health Risk Assessment (HRA) Analysis*

Construction HRA

Based on the provided modeling files and the AERMOD modeling outputs file in Appendix D – Air Quality Impact Analysis,<sup>15</sup> the averaging time used in the model run is ANNUAL. However, according to the South Coast AQMD Risk Assessment Procedures for Rule 1401, 1401.1, and 212<sup>16</sup> (version 8.1), and South Coast AQMD Modeling Guidance for AERMOD,<sup>17</sup> the detailed HRA utilizing AERMOD should be run using the averaging time of PERIOD and 1-hour. Therefore, South Coast AQMD staff recommend that the Lead Agency revise the construction HRA utilizing PERIOD and 1-hour averaging time to determine the health risk impacts to the sensitive receptors and off-site workers and include the results in the Final EIR. If the revision is not included in the Final EIR, the Lead Agency should provide reasons for not having them supported by substantial evidence in the record.

AQMD-3

Operational HRA

Based on the provided modeling files, South Coast AQMD staff is able to verify that the building downwash option is not selected in the operational HRA. The ground-level pollutant concentrations near the building would be underestimated if the downwash effects were absent in

AQMD-4

<sup>8</sup> *Ibid.* Page 3-6.

<sup>9</sup> *Ibid.*

<sup>10</sup> *Ibid.* Page 3-1.

<sup>11</sup> *Ibid.* Page 3-17.

<sup>12</sup> *Ibid.* Page 3-26.

<sup>13</sup> *Ibid.* Page 4.3-31.

<sup>14</sup> *Ibid.* Appendix D – Air Quality Impact Analysis. Page 12.

<sup>15</sup> *Ibid.* Appendix D. Page 1139 of PDF.

<sup>16</sup> South Coast AQMD Risk Assessment Procedures for Rule 1401, 1401.1, and 212 Version 8.1. Page 23. Access at: <http://www.aqmd.gov/docs/default-source/permitting/rule-1401-risk-assessment/riskassessproc-v8-1.pdf>

<sup>17</sup> South Coast AQMD Modeling Guidance for AERMOD. Access at: <http://www.aqmd.gov/home/air-quality/meteorological-data/modeling-guidance>

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the dispersion modeling. Therefore, building downwash should be considered for the Proposed Project operation to predict more accurate ground-level concentrations.

In addition, the truck idling emissions would need to be estimated separately and included in the dispersion modeling analysis and HRA as point sources. However, truck idling emissions from the modeling files are modeled as line volume sources. In addition, the EIR needs to clarify if any stationary combustion engines (e.g., diesel firewater pump, diesel emergency generator, etc.) will be used on-site during operation. If any of these will be used when implementing the Proposed Project, they will need to be added as additional sources to the HRA and dispersion modeling files. Therefore, South Coast AQMD staff recommend that the Lead Agency revise the operational HRA modeling by incorporating the above recommendations and including the HRA results in the Final EIR. If the HRA modeling is not revised and included in the Final EIR, the Lead Agency should provide reasons supported by substantial evidence in the record to explain why the revision is not included.

AQMD-4  
(cont'd)

#### *Overlapped Construction and Operational Activities*

According to the Draft EIR and Appendix D, the first phase of development is anticipated in the Opening Year of 2024, and the Proposed Project Buildout is anticipated in the year 2027.<sup>18,19</sup> Hence, the possibility of overlapped construction (Phase 2) and operation (Phase 1) activities is likely to occur. However, the Draft EIR does not include an emissions analysis for the overlapping activities. Therefore, South Coast AQMD staff recommends that the Lead Agency analyze the overlapping activities to estimate emissions associated with the time. The estimated overlapped emissions should then be compared to South Coast AQMD's regional air quality CEQA operational thresholds<sup>20</sup> to determine the significance level, and the results should be included in the Final EIR. If the overlapped emissions analysis is not included in the Final EIR, the Lead Agency should provide reasons for not having them supported by substantial evidence in the record.

AQMD-5

#### *Additional Air Quality and Greenhouse Gas Mitigation Measures*

According to the Draft EIR and Appendix D, the Lead Agency utilizes CalEEMod's latest version to analyze the maximum daily emissions from Proposed Project's construction and operational activities.<sup>21</sup> The peak unmitigated construction and peak operational emissions are shown in Tables 4.3-4, 4.3-6, and 4.3-7.<sup>22</sup> The Lead Agency concludes that regional construction and operational emissions would be significant and unavoidable. To reduce the emissions from construction and operational activities, the Lead Agency proposes mitigation measures (MM) from 4.3.1 to 4.3.18.<sup>23</sup> However, the Lead Agency concludes that the impact of air quality and greenhouse gas are significant and unavoidable even with mitigation incorporated.<sup>24</sup>

AQMD-6

<sup>18</sup> *Ibid.* Page 4.3-31.

<sup>19</sup> *Ibid.* Appendix D. Page 11.

<sup>20</sup> South Coast AQMD Air Quality Significance Thresholds. Access at: <http://www.aqmd.gov/docs/default-source/ceqa/handbook/south-coast-aqmd-air-quality-significance-thresholds.pdf>

<sup>21</sup> *Ibid.* Appendix D. Page 54.

<sup>22</sup> *Ibid.* Pages 4.3-29, 4.3-32, and 4.3-33.

<sup>23</sup> *Ibid.* Pages 4.3-29, 4.3-30, 4.3-34, 4.3-35, and 4.3-36.

<sup>24</sup> *Ibid.* Pages 4.3-31, 4.3-33, and 4.4-41.

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Mitigation measures for operational air quality impacts from mobile sources that the Lead Agency should consider in the Final EIR may include the following:

- Require zero-emissions (ZE) or near-zero emission (NZE) on-road haul trucks, such as heavy-duty trucks with natural gas engines that meet the CARB's adopted optional NOx emissions standard at 0.02 grams per brake horsepower-hour (g/bhp-hr), if and when feasible. Given the state's clean truck rules and regulations aiming to accelerate the utilization and market penetration of ZE and NZE trucks, such as the Advanced Clean Trucks Rule<sup>25</sup> and the Heavy-Duty Low NOx Omnibus Regulation<sup>26</sup>, ZE and NZE trucks will become increasingly more available to use. The Lead Agency should require a phase-in schedule to incentivize using these cleaner operating trucks to reduce any significant adverse air quality impacts. South Coast AQMD staff is available to discuss the availability of current and upcoming truck technologies and incentive programs with the Lead Agency. At a minimum, require the use of the 2010 model year<sup>27</sup> that meets CARB's 2010 engine emissions standards at 0.01 g/bhp-hr of particulate matter (PM) and 0.20 g/bhp-hr of NOx emissions or newer, cleaner trucks. Where appropriate, include environmental analyses to evaluate and identify sufficient electricity and supportive infrastructures in the Energy and Utilities and Service Systems Sections in the CEQA document. Include the requirement in applicable bid documents, purchase orders, and contracts. Operators shall maintain records of all trucks associated with project construction to document that each truck used meets these emission standards and make the records available for inspection. The Lead Agency should conduct regular inspections to the maximum extent feasible to ensure compliance.
- Limit the daily number of trucks allowed at the Proposed Project to levels analyzed in the Final CEQA document. If higher daily truck volumes are anticipated to visit the site, the Lead Agency should commit to re-evaluating the Proposed Project through CEQA prior to allowing this higher activity level.
- Provide electric vehicle (EV) charging stations or, at a minimum, provide the electrical infrastructure, and electrical panels should be appropriately sized. Electrical hookups should be provided for truckers to plug in any onboard auxiliary equipment.

AQMD-6  
(cont'd)

Mitigation measures for operational air quality impacts from other area sources that the Lead Agency should consider in the Final EIR may include the following:

- Maximize the use of solar energy by installing solar energy arrays
- Use light-colored paving and roofing materials
- Utilize only Energy Star heating, cooling, and lighting devices, and appliances

<sup>25</sup> CARB. June 25, 2020. *Advanced Clean Trucks Rule*. Accessed at: <https://ww2.arb.ca.gov/our-work/programs/advanced-clean-trucks>.

<sup>26</sup> CARB has recently passed a variety of new regulations that require new, cleaner heavy-duty truck technology to be sold and used in state. For example, on August 27, 2020, CARB approved the Heavy-Duty Low NOx Omnibus Regulation, which will require all trucks to meet the adopted emission standard of 0.05 g/hp-hr starting with engine model year 2024. Accessed at: <https://ww2.arb.ca.gov/rulemaking/2020/hdommibuslownox>.

<sup>27</sup> CARB adopted the statewide Truck and Bus Regulation in 2010. The Regulation requires diesel trucks and buses that operate in California to be upgraded to reduce emissions. Newer heavier trucks and buses must meet particulate matter filter requirements beginning January 1, 2012. Lighter and older heavier trucks must be replaced starting January 1, 2015. By January 1, 2023, nearly all trucks and buses will need to have 2010 model year engines or equivalent. More information on the CARB's Truck and Bus Regulation is available at: <https://www.arb.ca.gov/msprog/onrdiesel/onrdiesel.htm>.

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- Use of water-based or low-VOC cleaning products that go beyond the requirements of South Coast AQMD Rule 1113

Furthermore, the Final EIR needs to clarify the routes designated for trucks associated with the Proposed Project development. Thus, design considerations for the Proposed Project that the Lead Agency should consider included in the Final EIR to further reduce air quality and health risk impacts may include the following:

- Identify any designated truck routes to transport to and from the Proposed Project
- Clearly mark truck routes with trailblazer signs so that trucks will not travel next to or near sensitive land uses (e.g., residences, schools, daycare centers, etc.)
- Design the Proposed Project such that truck entrances and exits are not facing sensitive receptors and trucks will not travel past sensitive land uses to enter or leave the Proposed Project site
- Design the Proposed Project such that any check-in point for trucks is inside the Proposed Project site to ensure that no trucks are queuing outside
- Design the Proposed Project to ensure that truck traffic inside the Proposed Project site is as far away as feasible from sensitive receptors
- Restrict overnight truck parking in sensitive land uses by providing overnight truck parking inside the Proposed Project site

AQMD-6  
(cont'd)

South Coast AQMD staff also suggests the Lead Agency review the below-listed references and consider including the additional recommended mitigation measures in the Final EIR:

- State of California – Department of Justice: Warehouse Projects: Best Practices and Mitigation Measures to Comply with the California Environmental Quality Act<sup>28</sup>
- South Coast AQMD 2022 South Coast Air Quality Management Plan,<sup>29</sup> specifically:
  - Appendix IV-A – South Coast AQMD’s Stationary and Mobile Source Control Measures
  - Appendix IV-B – CARB’s Strategy for South Coast
  - Appendix IV-C – SCAG’s Regional Transportation Strategy and Control Measures
- United States Environmental Protection Agency (U.S. EPA): Mobile Source Pollution - Environmental Justice and Transportation<sup>30</sup>

#### *Health Risk Reduction Strategies*

Notwithstanding the court rulings, South Coast AQMD staff recognizes that the Lead Agency that approves CEQA documents retain the authority to include any additional information they deem relevant to assessing and mitigating the environmental impacts of a project. South Coast AQMD staff is concerned about the potential public health impacts of siting sensitive populations within

AQMD-7

<sup>28</sup> State of California – Department of Justice. Warehouse Projects: Best Practices and Mitigation Measures to Comply with the California Environmental Quality Act. Access at: <https://oag.ca.gov/system/files/media/warehouse-best-practices.pdf>

<sup>29</sup> 2022 South Coast AQMP. Access at: <http://www.aqmd.gov/home/air-quality/clean-air-plans/air-quality-mgt-plan>

<sup>30</sup> United States Environmental Protection Agency (U.S. EPA): Mobile Source Pollution - Environmental Justice and Transportation. Access at: <https://www.epa.gov/mobile-source-pollution/environmental-justice-and-transportation>

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April 4, 2023

proximity of sources of air pollution (e.g., warehouse). Therefore, it is recommended that, prior to approving future development projects, the Lead Agency consider the impacts of air pollutants on people who will live in and/or nearby a new project location and provide mitigation where necessary. Additionally, South Coast AQMD staff suggests that the Lead Agency review the CARB Air Quality Land Use and Handbook: A Community Health Perspective<sup>31</sup> as it is a reference guide for evaluating and reducing air pollution impacts associated with new projects that go through the land use decision-making process with additional guidance on strategies to reduce air pollution exposure near high-volume roadways available in CARB's technical advisory.<sup>32</sup>

AQMD-7  
(cont'd)

#### Development of Air Quality Mitigation/Community Benefit Funds

Due to the proximity to sensitive receptors (e.g., residences, schools), the Proposed Project should consider additional mitigation strategies to reduce the health risk exposure to sensitive receptors. Many strategies are available to reduce exposures, including, but not limited to, building filtration systems with Minimum Efficiency Reporting Values (MERV) 13 or better, or in some cases, MERV 15 or better is recommended, building design, orientation, location, vegetation barriers or landscaping screening. Enhanced filtration units are capable of reducing exposures. However, enhanced filtration systems have limitations. For example, in a study that South Coast AQMD conducted to investigate filters,<sup>33</sup> a cost burden is expected to be within the range of \$120 to \$240 per year to replace each filter panel. The initial start-up cost could substantially increase if a Heating, Ventilation, and Air Conditioning (HVAC) system need to be installed and if standalone filter units are required. Installation costs may vary, including costs for conducting site assessments and obtaining permits and approvals before filters can be installed. Other costs may include filter life monitoring, annual maintenance, and training for conducting maintenance and reporting. In addition, because the filters would not be effective unless the HVAC system is running, there may be increased energy consumption. It is typically assumed that the filters operate 100 percent of the time while residents are indoors, and the environmental analysis does not generally account for the times when the residents have their windows or doors open or are in common space areas of the project. Additionally, these filters have no ability to filter out any toxic gases. Furthermore, when used filters are replaced, the replacement has the potential to result in emissions from the transportation of used filters at disposal sites and generate solid waste. Therefore, any filtration unit's presumed effectiveness and feasibility should be carefully evaluated in more detail before assuming they will sufficiently alleviate exposure to DPM emissions.

AQMD-8

In addition, South Coast AQMD offers a broad range of programs for businesses, the community, and local government that help to achieve cleaner air quality for all. Many of these programs offer financial incentives for implementing new clean air technologies. Some provide partnerships and new ways of addressing air quality issues throughout the South Coast Basin. Therefore, South Coast AQMD staff recommends that the Lead Agency review the incentive and programs on the South Coast AQMD Incentives & Programs landing page, <http://www.aqmd.gov/home/programs>.

<sup>31</sup> California Air Resources Board (CARB) Air Quality Land Use and Handbook: A Community Health Perspective. Access at: <https://www.arb.ca.gov/ch/handbook.pdf>

<sup>32</sup> CARB's technical advisory can be found at: <https://www.arb.ca.gov/ch/landuse.htm>

<sup>33</sup> South Coast AQMD, Pilot Study of High-Performance Air Filtration for Classrooms Applications, Draft Report: October 2009, <http://www.aqmd.gov/docs/default-source/ceqa/handbook/aqmdpilotstudyfinalreport.pdf>. Also, see the 2012 Peer Review Journal article by South Coast AQMD: <https://onlinelibrary.wiley.com/doi/10.1111/ina.12013>.



Lorena Mejia

April 4, 2023

*South Coast AQMD Rules 2305 and 316*

On May 7, 2021, South Coast AQMD's Governing Board adopted Rule 2305 – Warehouse Indirect Source Rule – Warehouse Actions and Investments to Reduce Emissions (WAIRE) Program, and Rule 316 – Fees for Rule 2305. Rules 2305 and 316 are new rules that will reduce regional and local emissions of nitrogen oxides (NO<sub>x</sub>) and particulate matter (PM), including diesel PM (DPM). These emission reductions will reduce public health impacts for communities near warehouses from mobile sources associated with warehouse activities. Also, the emission reductions will help the region attain federal and state ambient air quality standards. Rule 2305 applies to owners and operators of warehouses greater than or equal to 100,000 square feet. Under Rule 2305, operators are subject to an annual WAIRE Points Compliance Obligation calculated based on the annual number of truck trips to the warehouse. WAIRE Points can be earned by implementing actions in a prescribed menu in Rule 2305, implementing a site-specific custom plan, or paying a mitigation fee. Warehouse owners are only required to submit limited information reports, but they can opt-in to earn Points on behalf of their tenants if they choose because certain actions to reduce emissions may be better achieved during the warehouse development phase, for instance, the installation of solar and charging infrastructure. Rule 316 is a companion fee rule for Rule 2305, allowing South Coast AQMD to recover costs associated with Rule 2305 compliance activities. Since the Proposed Project consists of developing warehouses (unrefrigerated and refrigerated) under light industrial land use up to a maximum of 2,767,148 square feet, the Proposed Project's warehouse owners and operators will be required to comply with Rule 2305 once the warehouse is occupied. Therefore, South Coast AQMD staff recommends that the Lead Agency review South Coast AQMD Rule 2305 to determine the potential WAIRE Points Compliance Obligation for future operators and explore whether additional project requirements and CEQA mitigation measures can be identified and implemented at the Proposed Project that may help future warehouse operators meet their compliance obligation<sup>34</sup>. South Coast AQMD staff is available to answer questions concerning Rule 2305 implementation and compliance by phone or email at (909) 396-3140 or [waire-program@aqmd.gov](mailto:waire-program@aqmd.gov). For implementation guidance documents and compliance and reporting tools, please visit South Coast AQMD's WAIRE Program webpage<sup>35</sup>.

AQMD-9

*South Coast AQMD Permits and Responsible Agency*

In the event that the implementation of the Proposed Project would require using new stationary equipment, permits from South Coast AQMD are required. Stationary equipment not only requires permits to construct but also permits to operate. Therefore, the Lead Agency should discuss any stationary equipment utilized in the Proposed Project's construction and operation, requiring South Coast AQMD permits and identifying South Coast AQMD as a Responsible Agency for the Proposed Project in the Final EIR. Any assumptions for the stationary sources in the Final EIR will also be used as the basis for the permit conditions and limits for the Proposed Project. Please contact South Coast AQMD's Engineering and Permitting staff at (909) 396-3385 for questions on permits. For more general information on permits, please visit South Coast AQMD's webpage at: <http://www.aqmd.gov/home/permits>.

AQMD-10

<sup>34</sup> South Coast AQMD Rule 2305 – Warehouse Indirect Source Rule – Warehouse Actions and Investments to Reduce Emissions (WAIRE) Program. Accessed at: <http://www.aqmd.gov/docs/default-source/rule-book/reg-xxiii/r2305.pdf>.

<sup>35</sup> South Coast AQMD WAIRE Program. Accessed at: <http://www.aqmd.gov/waire>.

Lorena Mejia

April 4, 2023

Conclusion

Pursuant to California Public Resources Code section 21092.5(a) and CEQA Guidelines section 15088(b), South Coast AQMD staff requests that the Lead Agency provide South Coast AQMD staff with written responses to all comments contained herein, at least 10 days prior to the certification of the Final EIR.<sup>36</sup> In addition, issues raised in the comments should be addressed in detail, giving reasons why specific comments and suggestions are not accepted. There should be good faith and reasoned analysis in response. Conclusory statements unsupported by factual information will not suffice (CEQA Guidelines section 15088(c)). Conclusory statements do not facilitate the purpose and goal of CEQA on public disclosure and are not meaningful, informative, or useful to decision-makers and to the public who are interested in the Proposed Project.

AQMD-11

South Coast AQMD staff is available to work with the Lead Agency to address any air quality questions that may arise from this comment letter. Please contact Danica Nguyen, Air Quality Specialist, at [dnguyen1@aqmd.gov](mailto:dnguyen1@aqmd.gov) should you have any questions.

Sincerely,

*Sam Wang*

Sam Wang

Program Supervisor, CEQA IGR

Planning, Rule Development &amp; Implementation

SW:DN

SBC230301-08  
Control Number

<sup>36</sup> 2022 CEQA Statutes and Guidelines section 21092.5(a): "At least ten days prior to certifying an environmental impact report, the lead agency shall provide a written proposed response to a public agency on comments made by that agency which conform with the requirements of this division. Proposed responses shall conform with the legal standards established for responses to comments on draft environmental impact reports. Copies of responses or the environmental document in which they are contained, prepared in conformance with other requirements of this division and the guidelines adopted pursuant to Section 21083, may be used to meet the requirements imposed by this section." Access at: [https://www.califaep.org/docs/2022\\_CEQA\\_Statue\\_and\\_Guidelines.pdf](https://www.califaep.org/docs/2022_CEQA_Statue_and_Guidelines.pdf)

South Coast Air Quality Management District  
21865 Copley Drive  
Diamond Bar, CA 91765

Letter Dated April 4, 2023

**Comment AQMD-1**

*South Coast Air Quality Management District (South Coast AQMD) staff appreciates the opportunity to comment on the above-mentioned document. The City of Ontario is the Lead Agency under the California Environmental Quality Act (CEQA) for the Proposed Project. The following comments [sic] recommended revisions to the health risk assessment analysis, overlapped construction and operational activities analysis, additional air quality and greenhouse gas mitigation measures, health risk reduction strategies, South Coast AQMD Rules 2305 and 316, and information on South Coast AQMD permits and responsible agency that the Lead Agency should include in the Final EIR.*

**Response AQMD-1**

The Lead Agency appreciates AQMD's participation in the Project CEQA process. Responses to AQMD comments are presented below.

Findings and conclusions of the EIR are not affected. No revisions to the EIR are proposed.

**Comment AQMD-2**

*South Coast AQMD Staff's Summary of Project Information in the Draft EIR*

*By way of background, the Rich-Haven Specific Plan was approved by the Lead Agency in 2015, with subsequent Specific Plan Amendments approved in 2016, 2018, and 2021. The Lead Agency proposes the current 2021 Specific Plan, which comprises approximately 584 acres, with the Rich-Haven Specific Plan 2022 Amendment (Proposed Project), resulting in the primary revisions to:*

- *Maintain the total residential development of 7,194 dwelling units, with the residential units and densities would be reassigned*
- *Reduce commercial development by approximately 65,900 square feet, an approximately 6.7 percent reduction, with a maximum square foot of 925,002. The Proposed Project is assumed to accommodate a variety of commercial/retail development*
- *Increase light industrial development by approximately 1,583,623 square feet, an approximately 134 percent increase, with a maximum square foot of 2,767,148. The Proposed Project would accommodate a mix of high-cube fulfillment warehouses, refrigerated warehouses, and business park uses*
- *Other aspects and attributes of the 2021 Specific Plan would be substantively maintained under the Proposed Project*

*As of this Draft EIR, approximately 468 residential units of the total 7,194 dwelling units have been constructed and are occupied. The remainder of the Proposed Project site has not yet been developed; these land uses include a dairy farm, a former hog ranch, vacant/disturbed properties throughout the site, and Southern California Edison (SCE) transmission line easement. The Proposed Project is west of Interstate 15 (I-15) and south of State Route 60 (SR-60). Based on the aerial photographs, South Coast AQMD staff finds that sensitive receptors (e.g., residences, Colony High School) are within 70-120 feet north, east, and west of the Proposed Project site. The Proposed Project development is anticipated in sequence in two phases: Phase 1 is for light industrial and commercial uses, and Phase 2 is for residential products and community amenities (including parks and open space). The Proposed Project Opening year is defined as 2025. At buildout in 2027, the Proposed Project would generate 95,552 two-way vehicle trips, including 1,144 two-way truck trips per day.*

### **Response AQMD-2**

AQMD's summary description of the Project is materially correct. Please refer also to EIR Section 3.0, *Project Description*.

Findings and conclusions of the EIR are not affected. No revisions to the EIR are proposed.

### **Comment AQMD-3**

#### **South Coast AQMD Staff's Comments on the Draft EIR**

##### *Health Risk Assessment (HRA) Analysis*

##### **Construction HRA**

*Based on the provided modeling files and the AERMOD modeling outputs file in Appendix D – Air Quality Impact Analysis, the averaging time used in the model run is ANNUAL. However, according to the South Coast AQMD Risk Assessment Procedures for Rule 1401, 1401.1, and 212 (version 8.1), and South Coast AQMD Modeling Guidance for AERMOD, the detailed HRA utilizing AERMOD should be run using the averaging time of PERIOD and 1-hour. Therefore, South Coast AQMD staff recommend that the Lead Agency revise the construction HRA utilizing PERIOD and 1-hour averaging time to determine the health risk impacts to the sensitive receptors and off-site workers and include the results in the Final EIR. If the revision is not included in the Final EIR, the Lead Agency should provide reasons for not having them supported by substantial evidence in the record.*

### **Response AQMD-3**

As requested by AQMD, the EIR Health Risk Assessment (HRA) model was re-run utilizing the PERIOD and 1-hour averaging time options, as opposed to the ANNUAL averaging time output employed in the current EIR HRA. Under the PERIOD and 1-hour averaging time options, the modeling outputs are identical to those presented in the current EIR HRA. Under both modeling scenarios, no health risk thresholds would be exceeded, and health risk impacts would be less-than-significant. The original and revised HRA modeling are provided at FEIR Attachment A.

It is further noted that the 1-Hour averaging time option suggested by AQMD is typically used for analyzing non-cancer acute health impacts, which are assumed to take place over a period of 1 hour. The only Toxic Air Contaminant (TAC) emitted by Project construction activities would be diesel particulate matter (DPM). DPM does not have an acute Reference Exposure Level (REL) meaning there are no expected acute health impacts. In this instance, the 1-Hour averaging time option is not necessary.

Findings and conclusions of the EIR are not affected. No revisions to the EIR are proposed or required.

#### **Comment AQMD-4**

##### Operational HRA

*Based on the provided modeling files, South Coast AQMD staff is able to verify that the building downwash option is not selected in the operational HRA. The ground-level pollutant concentrations near the building would be underestimated if the downwash effects were absent in the dispersion modeling. Therefore, building downwash should be considered for the Proposed Project operation to predict more accurate ground-level concentrations.*

*In addition, the truck idling emissions would need to be estimated separately and included in the dispersion modeling analysis and HRA as point sources. However, truck idling emissions from the modeling files are modeled as line volume sources. In addition, the EIR needs to clarify if any stationary combustion engines (e.g., diesel firewater pump, diesel emergency generator, etc.) will be used on-site during operation. If any of these will be used when implementing the Proposed Project, they will need to be added as additional sources to the HRA and dispersion modeling files. Therefore, South Coast AQMD staff recommend that the Lead Agency revise the operational HRA modeling by incorporating the above recommendations and including the HRA results in the Final EIR. If the HRA modeling is not revised and included in the Final EIR, the Lead Agency should provide reasons supported by substantial evidence in the record to explain why the revision is not included.*

#### **Response AQMD-4**

AQMD states that the EIR HRA should have been performed utilizing the building downwash<sup>1</sup> option. This is to account for any impacts that buildings may have on ground level pollutant concentrations.

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<sup>1</sup> Buildings and similar structures in the path of air flow create a turbulent wake region on the leeward (i.e., downwind) side of the building. Air pollutant emissions caught in the path of this flow are drawn into the wake, temporarily trapping it in a recirculating cavity. This “downwash” effect can result in greater ground-level pollutant concentrations near buildings than if buildings were not present.

AQMD's suggested use of the "downwash option" for modeling of the Project truck on-site idling emissions is not appropriate. For the Project, these idling emissions are effectively line volume sources and have been modeled as such consistent with applicable AERMOD protocols. Per *User's Guide for the AMS/EPA Regulatory Model (AERMOD)*, Section 3.3.9, *Specifying Building Downwash Information*, the building downwash algorithms do not apply to volume or area sources. The EIR Air Quality Impact Analysis experts (Urban Crossroads, Inc.) have therefore concluded that truck idling emissions sources resulting from the Project would not be materially affected by downwash from the Project warehouse buildings.

The assumed gas station component(s) of the Project were appropriately modeled as point sources. In this regard, site plans detailing the location and configuration of gas station buildings were not available at the time the analysis was prepared. However, given the typically compact nature of buildings typically associated with gas stations. The EIR Air Quality Impact Analysis experts (Urban Crossroads, Inc.) have concluded that the inclusion of building downwash in the analysis would not significantly alter the results of the EIR HRA and no potentially significant impacts would occur.

AQMD states further that truck idling emissions should be modeled using point sources rather than line volume sources. The Project idling emissions would occur in a line adjacent to the Project warehouse loading docks, indicating emissions should be evaluated as line-volume sources. Moreover, specific parameters unique to truck point source emissions such as exhaust temperature, flow rate, and stack diameter are not known. A point-source analysis based on these unknown factors would therefore be largely speculative and of nominal value to the overall analysis. Lastly, the Project HRA analysis is consistent with HRAs conducted by the EIR Air Quality Impact Analysis experts for other similar Project EIRs that have been certified by the Lead Agency.<sup>2</sup> Based on the preceding, the EIR HRA modeling of truck idling as line volume sources is considered accurate and appropriate.

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<sup>2</sup>Merrill Commerce Center Specific Plan Project EIR (SCH No. 2019049079); West Ontario Commerce Center Project EIR (SCH Number 2017041074); Meredith International Center Project EIR (SCH Number 2014051020); Ontario Ranch Business Park Project EIR (SCH Number 2019050018)

With regard to use of emergency generators within the Project site and any resulting emissions, specific locations for, and types of, emergency generators or diesel-powered fire pumps that may be located within the Project site are not known at this preliminary stage of Project development. When these specific factors become available, AQMD will be contacted, and all AQMD permitting requirements as outlined in Rule 219 will be complied with, thereby precluding potential emissions impacts that may result from operations of emergency generators or diesel-powered fire pumps.

Note further, in other than emergency conditions, emergency generators or diesel-powered fire pumps operate only for short-term periodic testing, and emissions from such short-term operations would not contribute substantively to health risks. In this latter regard, as a means of comparison, the maximum incremental health risk resulting from Project construction equipment operations would be 1.21 in one million, which is substantially less than the SCAQMD significance threshold of 10 in one million (Project HRA, p. 25). The Project construction emissions include diesel emissions generated during grading operations involving the following heavy duty diesel equipment: 6 excavators, 3 graders, 3 rubber-tired dozers, 6 scrapers, and 6 crawler tractors - all operating for 8 hours per day for an estimated 154 days. It is highly unlikely that temporary and intermittent operations of a few emergency generators within the Project site would result in health risk impacts greater than would result from Project construction equipment operations. As with Project construction-source emissions health risk impacts, any potential health risk impacts resulting from emergency generator operations would be less-than-significant.

Findings and conclusions of the EIR are not affected. No revisions to the EIR are proposed or required.

#### **Comment AQMD-5**

##### *Overlapped Construction and Operational Activities*

*According to the Draft EIR and Appendix D, the first phase of development is anticipated in the Opening Year of 2024, and the Proposed Project Buildout is anticipated in the year 2027. Hence, the possibility of overlapped construction (Phase 2) and operation (Phase 1) activities is likely to*



*occur. However, the Draft EIR does not include an emissions analysis for the overlapping activities. Therefore, South Coast AQMD staff recommends that the Lead Agency analyze the overlapping activities to estimate emissions associated with the time. The estimated overlapped emissions should then be compared to South Coast AQMD's regional air quality CEQA operational thresholds to determine the significance level, and the results should be included in the Final EIR. If the overlapped emissions analysis is not included in the Final EIR, the Lead Agency should provide reasons for not having them supported by substantial evidence in the record.*

### **Response AQMD-5**

AQMD recommends additional overlapped modeling of certain Project construction-source and operational-source emissions. The Lead Agency considers the current analysis to currently and appropriately reflect likely emissions overlap that would occur during Project Phase 1 and Phase 2 construction activities. Contrary to AQMD recommendations, it would not be appropriate to combine Project Phase 1 operational emissions and Project Phase 2 construction emissions for purposes of comparing these against SCAQMD's operational significance thresholds.

That is, because construction activities are short-term and relatively intense in nature, emissions generated by such activities are temporarily elevated when compared to emissions generated by long-term operations. Because of this difference in emissions generation characteristics, the air quality significance thresholds for construction activity are intentionally set higher than those for long-term operational activity. Comparing combined construction-source and operational source emissions against an operational emissions threshold distorts the impacts of emissions and provides no meaningful information regarding the actual significance or air emissions impacts. Moreover, there is no established threshold for assessing the significance of combined construction-source and operational-source emissions. For these reasons, the Lead Agency opts not to further analyze modeling of combined emissions sources.

Findings and conclusions of the EIR are not affected. No revisions to the EIR are proposed or required.

## **Comment AQMD-6**

### *Additional Air Quality and Greenhouse Gas Mitigation Measures*

*According to the Draft EIR and Appendix D, the Lead Agency utilizes CalEEMod's latest version to analyze the maximum daily emissions from Proposed Project's construction and operational activities. The peak unmitigated construction and peak operational emissions are shown in Tables 4.3-4, 4.3-6, and 4.3-7. The Lead Agency concludes that regional construction and operational emissions would be significant and unavoidable. To reduce the emissions from construction and operational activities, the Lead Agency proposes mitigation measures (MM) from 4.3.1 to 4.3.18. However, the Lead Agency concludes that the impact of air quality and greenhouse gas are significant and unavoidable even with mitigation incorporated.*

*Mitigation measures for operational air quality impacts from mobile sources that the Lead Agency should consider in the Final EIR may include the following:*

- *Require zero-emissions (ZE) or near-zero emission (NZE) on-road haul trucks, such as heavy-duty trucks with natural gas engines that meet the CARB's adopted optional NOx emissions standard at 0.02 grams per brake horsepower-hour (g/bhp-hr), if and when feasible. Given the state's clean truck rules and regulations aiming to accelerate the utilization and market penetration of ZE and NZE trucks, such as the Advanced Clean Trucks Rule and the Heavy-Duty Low NOx Omnibus Regulation, ZE and NZE trucks will become increasingly more available to use. The Lead Agency should require a phase-in schedule to incentivize using these cleaner operating trucks to reduce any significant adverse air quality impacts. South Coast AQMD staff is available to discuss the availability of current and upcoming truck technologies and incentive programs with the Lead Agency. At a minimum, require the use of the 2010 model year that meets CARB's 2010 engine emissions standards at 0.01 g/bhp-hr of particulate matter (PM) and 0.20 g/bhp-hr of NOx emissions or newer, cleaner trucks. Where appropriate, include environmental analyses to evaluate and identify sufficient electricity and supportive infrastructures in the Energy and Utilities and Service Systems Sections in the CEQA document. Include the requirement in applicable bid documents, purchase orders, and contracts. Operators shall maintain records of all trucks associated with project construction to document that each truck used meets these emission standards and make*

*the records available for inspection. The Lead Agency should conduct regular inspections to the maximum extent feasible to ensure compliance.*

- *Limit the daily number of trucks allowed at the Proposed Project to levels analyzed in the Final CEQA document. If higher daily truck volumes are anticipated to visit the site, the Lead Agency should commit to re-evaluating the Proposed Project through CEQA prior to allowing this higher activity level.*
- *Provide electric vehicle (EV) charging stations or, at a minimum, provide the electrical infrastructure, and electrical panels should be appropriately sized. Electrical hookups should be provided for truckers to plug in any onboard auxiliary equipment.*

*Mitigation measures for operational air quality impacts from other area sources that the Lead Agency should consider in the Final EIR may include the following:*

- *Maximize the use of solar energy by installing solar energy arrays*
- *Use light-colored paving and roofing materials*
- *Utilize only Energy Star heating, cooling, and lighting devices, and appliances*
- *Use of water-based or low-VOC cleaning products that go beyond the requirements of South Coast AQMD Rule 1113*

*Furthermore, the Final EIR needs to clarify the routes designated for trucks associated with the Proposed Project development. Thus, design considerations for the Proposed Project that the Lead Agency should consider included in the Final EIR to further reduce air quality and health risk impacts may include the following:*

- *Identify any designated truck routes to transport to and from the Proposed Project*
- *Clearly mark truck routes with trailblazer signs so that trucks will not travel next to or near sensitive land uses (e.g., residences, schools, daycare centers, etc.)*
- *Design the Proposed Project such that truck entrances and exits are not facing sensitive receptors and trucks will not travel past sensitive land uses to enter or leave the Proposed Project site*
- *Design the Proposed Project such that any check-in point for trucks is inside the Proposed Project site to ensure that no trucks are queuing outside*

- *Design the Proposed Project to ensure that truck traffic inside the Proposed Project site is as far away as feasible from sensitive receptors*
- *Restrict overnight truck parking in sensitive land uses by providing overnight truck parking inside the Proposed Project site*

*South Coast AQMD staff also suggests the Lead Agency review the below-listed references and consider including the additional recommended mitigation measures in the Final EIR:*

- *State of California – Department of Justice: Warehouse Projects: Best Practices and Mitigation Measures to Comply with the California Environmental Quality Act*
- *South Coast AQMD 2022 South Coast Air Quality Management Plan,<sup>29</sup> specifically:*
  - *Appendix IV-A – South Coast AQMD’s Stationary and Mobile Source Control Measures*
  - *Appendix IV-B – CARB’s Strategy for South Coast*
  - *Appendix IV-C – SCAG’s Regional Transportation Strategy and Control Measures*
- *United States Environmental Protection Agency (U.S. EPA): Mobile Source Pollution - Environmental Justice and Transportation*

### **Response AQMD-6**

Additional GHG emissions mitigation measures suggested by AQMD will be considered by the Lead Agency in their deliberations regarding the Project. The measures offered by AQMD are already materially incorporated in the Project, either through the EIR Mitigation Measures (see EIR Mitigation Measures 4.3.2 through 4.3.18) or through mandated compliance with GHG emissions reduction and control measures incorporated in the City Community Climate Action Plan (see EIR Mitigation Measure 4.4.1).

Regarding truck emissions along routes accessing the Project site, the EIR HRA modeling reflects likely maximum impacts, including likely maximum impacts from emissions generated by trucks accessing the Project. These impacts are substantiated to be less-than-significant (DEIR, pp. 4.3-46 – 4.3-48, Project HRA [EIR Appendix D], pp. 11 – 28). The

Lead Agency, through the Project Conditions of Approval, may impose additional design criteria that could further reduce already less-than-significant HRA impacts.

Findings and conclusions of the EIR are not affected. No revisions to the EIR are proposed or required.

### **Comment AQMD-7**

#### *Health Risk Reduction Strategies*

*Notwithstanding the court rulings, South Coast AQMD staff recognizes that the Lead Agency that approves CEQA documents retain the authority to include any additional information they deem relevant to assessing and mitigating the environmental impacts of a project. South Coast AQMD staff is concerned about the potential public health impacts of siting sensitive populations within proximity of sources of air pollution (e.g., warehouse). Therefore, it is recommended that, prior to approving future development projects, the Lead Agency consider the impacts of air pollutants on people who will live in and/or nearby a new project location and provide mitigation where necessary. Additionally, South Coast AQMD staff suggests that the Lead Agency review the CARB Air Quality Land Use and Handbook: A Community Health Perspective as it is a reference guide for evaluating and reducing air pollution impacts associated with new projects that go through the land use decision-making process with additional guidance on strategies to reduce air pollution exposure near high-volume roadways available in CARB's technical advisory.*

### **Response AQMD-7**

AQMD recommendations regarding air quality impact assessments and assessment methodologies are acknowledged.

The current Lead Agency air quality impact assessments and assessment methodologies comprehensively consider and address potential air quality impacts of all Projects consistent with CEQA requirements. Please refer also to Responses AQMD-3 through AQMD-6.

Findings and conclusions of the EIR are not affected. No revisions to the EIR are proposed or required.

**Comment AQMD-8**

Development of Air Quality Mitigation/Community Benefit Funds

*Due to the proximity to sensitive receptors (e.g., residences, schools), the Proposed Project should consider additional mitigation strategies to reduce the health risk exposure to sensitive receptors. Many strategies are available to reduce exposures, including, but not limited to, building filtration systems with Minimum Efficiency Reporting Values (MERV) 13 or better, or in some cases, MERV 15 or better is recommended, building design, orientation, location, vegetation barriers or landscaping screening. Enhanced filtration units are capable of reducing exposures. However, enhanced filtration systems have limitations. For example, in a study that South Coast AQMD conducted to investigate filters, a cost burden is expected to be within the range of \$120 to \$240 per year to replace each filter panel. The initial start-up cost could substantially increase if a Heating, Ventilation, and Air Conditioning (HVAC) system need to be installed and if standalone filter units are required. Installation costs may vary, including costs for conducting site assessments and obtaining permits and approvals before filters can be installed. Other costs may include filter life monitoring, annual maintenance, and training for conducting maintenance and reporting. In addition, because the filters would not be effective unless the HVAC system is running, there may be increased energy consumption. It is typically assumed that the filters operate 100 percent of the time while residents are indoors, and the environmental analysis does not generally account for the times when the residents have their windows or doors open or are in common space areas of the project. Additionally, these filters have no ability to filter out any toxic gases. Furthermore, when used filters are replaced, the replacement has the potential to result in emissions from the transportation of used filters at disposal sites and generate solid waste. Therefore, any filtration unit's presumed effectiveness and feasibility should be carefully evaluated in more detail before assuming they will sufficiently alleviate exposure to DPM emissions.*

*In addition, South Coast AQMD offers a broad range of programs for businesses, the community, and local government that help to achieve cleaner air quality for all. Many of these programs offer financial incentives for implementing new clean air technologies. Some provide partnerships and new ways of addressing air quality issues throughout the South Coast Basin. Therefore, South Coast AQMD staff recommends that the Lead Agency review the incentive and programs on the South Coast AQMD Incentives & Programs landing page, <http://www.aqmd.gov/home/programs>.*

### **Response AQMD-8**

AQMD discusses various measures and community benefit programs directed to generally reducing health effects of air pollutant emissions. The Lead Agency acknowledges these measures and community benefit programs.

Consistent with CEQA requirements, the EIR substantiates that potential health risks attributable to Project-source air pollutant emissions would be less-than-significant. No additional mitigation for these impacts is required. Measures and community benefit programs outlined by AQMD are not required. Outside of the CEQA and EIR processes, the Lead Agency may consider additional strategies that could further reduce the Project's already less-than-significant impacts. Please refer also to Responses AQMD-3 through AQMD-7.

Findings and conclusions of the EIR are not affected. No revisions to the EIR are proposed or required.

### **Comment AQMD-9**

*South Coast AQMD Rules 2305 and 316*

*On May 7, 2021, South Coast AQMD's Governing Board adopted Rule 2305 – Warehouse Indirect Source Rule – Warehouse Actions and Investments to Reduce Emissions (WAIRE) Program, and Rule 316 – Fees for Rule 2305. Rules 2305 and 316 are new rules that will reduce regional and local emissions of nitrogen oxides (NOx) and particulate matter (PM), including diesel PM (DPM). These emission reductions will reduce public health impacts for communities near warehouses from mobile sources associated with warehouse activities. Also, the emission reductions will help the region attain federal and state ambient air quality standards. Rule 2305 applies to owners and operators of warehouses greater than or equal to 100,000 square feet. Under Rule 2305, operators are subject to an annual WAIRE Points Compliance Obligation calculated based on the annual number of truck trips to the warehouse. WAIRE Points can be earned by implementing actions in a prescribed menu in Rule 2305, implementing a site-specific custom plan, or paying a mitigation fee. Warehouse owners are only required to submit limited information reports, but they can opt-in to earn Points on behalf of their tenants if they choose because certain actions to reduce emissions may be better achieved during the warehouse*

*development phase, for instance, the installation of solar and charging infrastructure. Rule 316 is a companion fee rule for Rule 2305, allowing South Coast AQMD to recover costs associated with Rule 2305 compliance activities. Since the Proposed Project consists of developing warehouses (unrefrigerated and refrigerated) under light industrial land use up to a maximum of 2,767,148 square feet, the Proposed Project's warehouse owners and operators will be required to comply with Rule 2305 once the warehouse is occupied. Therefore, South Coast AQMD staff recommends that the Lead Agency review South Coast AQMD Rule 2305 to determine the potential WAIRE Points Compliance Obligation for future operators and explore whether additional project requirements and CEQA mitigation measures can be identified and implemented at the Proposed Project that may help future warehouse operators meet their compliance obligation. South Coast AQMD staff is available to answer questions concerning Rule 2305 implementation and compliance by phone or email at (909) 396-3140 or [waire-program@aqmd.gov](mailto:waire-program@aqmd.gov). For implementation guidance documents and compliance and reporting tools, please visit South Coast AQMD's WAIRE Program webpage.*

### **Response AQMD-9**

AQMD cites Rule 2305 – Warehouse Indirect Source Rule – Warehouse Actions and Investments to Reduce Emissions (WAIRE) Program, and Rule 316 – Fees for Rule 2305 Requirements. As a matter of law, the Project must comply with applicable Rule 2035/Rule 316 requirements, and all other applicable SCAQMD Rules.

Findings and conclusions of the EIR are not affected. No revisions to the EIR are proposed or required.

### **Comment AQMD-10**

#### *South Coast AQMD Permits and Responsible Agency*

*In the event that the implementation of the Proposed Project would require using new stationary equipment, permits from South Coast AQMD are required. Stationary equipment not only requires permits to construct but also permits to operate. Therefore, the Lead Agency should discuss any stationary equipment utilized in the Proposed Project's construction and operation, requiring South Coast AQMD permits and identifying South Coast AQMD as a Responsible Agency for the Proposed Project in the Final EIR. Any assumptions for the stationary sources in*



*the Final EIR will also be used as the basis for the permit conditions and limits for the Proposed Project. Please contact South Coast AQMD's Engineering and Permitting staff at (909) 396-3385 for questions on permits. For more general information on permits, please visit South Coast AQMD's webpage at: <http://www.aqmd.gov/home/permits>.*

### **Response AQMD-10**

AQMD cites permitting requirements for any new stationary equipment that may be implemented by the Project. Per the EIR, no new stationary equipment that would be a substantive source of air pollutant emissions is proposed by the Project. Should such equipment be proposed at a future date, as a matter of law, the Project operator(s) would be required to comply with AQMD's permitting requirements.

Findings and conclusions of the EIR are not affected. No revisions to the EIR are proposed or required.

### **Comment AQMD-11**

#### Conclusion

*Pursuant to California Public Resources Code section 21092.5(a) and CEQA Guidelines section 15088(b), South Coast AQMD staff requests that the Lead Agency provide South Coast AQMD staff with written responses to all comments contained herein, at least 10 days prior to the certification of the Final EIR.<sup>36</sup> In addition, issues raised in the comments should be addressed in detail, giving reasons why specific comments and suggestions are not accepted. There should be good faith and reasoned analysis in response. Conclusory statements unsupported by factual information will not suffice (CEQA Guidelines section 15088(c)). Conclusory statements do not facilitate the purpose and goal of CEQA on public disclosure and are not meaningful, informative, or useful to decision-makers and to the public who are interested in the Proposed Project.*

*South Coast AQMD staff is available to work with the Lead Agency to address any air quality questions that may arise from this comment letter. Please contact Danica Nguyen, Air Quality Specialist, at [dnguyen1@aqmd.gov](mailto:dnguyen1@aqmd.gov), should you have any questions.*

**Response AQMD-11**

Written responses to all AQMD comments have been provided to AQMD as required under PRC section 21092.5(a) and *CEQA Guidelines* section 15088(b). All comments and issues raised by AQMD have been adequately and appropriately addressed herein consistent with *CEQA Guidelines* section 15088(c). Contact information provided by AQMD is noted.

Findings and conclusions of the EIR are not affected. No revisions to the EIR are proposed or required.

**Eric Belisle**  
3629 E Happy Paseo Unit 153  
Ontario, CA 91761  
(413) 250-3969  
ericbx95@gmail.com

March 10<sup>th</sup>, 2023

**Lorena Mejia**  
Senior Planner City of Ontario Planning Department  
303 East "B" Street Ontario, CA 91764  
(909) 395-2036  
[LMejia@ontarioca.gov](mailto:LMejia@ontarioca.gov)

**RE:** Rich-Haven Specific Plan 2022 Amendment (File No. PSPA22-001) & Proposed Changes to PA 5A

Lorena Mejia,

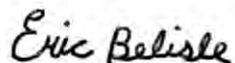
My name is Eric Belisle and I reside at 3629 E Happy Paseo, Unit 153, Ontario, CA 91761. I write to you to provide commentary regarding the Rich-Haven Specific Plan 2022 Amendment (File No. PSPA22-001) and the proposed changes to PA 5A.

This area (PA 5A) is directly adjacent to **existing** residential dwellings with no street separating us – the owners and residents of this neighborhood did not purchase into this area to see that the planning in their own backyards be changed to light industrial use. We do not want a warehouse in our backyards. The environmental impact report refers to several "significant and unavoidable" impacts on air quality, as well as needed mitigation for noise. Further, PA 5A is already divided by an SCE Easement, placing any new construction very close to our homes.

The changes to PA 5A have negative environmental impacts to those of us already living here. We do not have the choice to not buy here – the land is already developed, and we already did before a bait-and-switch on the planning surrounding our homes. Selling our homes adjacent to this zoning will present challenges and decreased values.

I ask that you please reconsider the zoning of PA 5A as open space or residential use to protect our homes and families from the effects of being directly adjected to light industrial land use.

Thank You,



Eric Belisle

EB-1

Eric Belisle  
3629 E. Happy Paseo Unit 153  
Ontario, CA 91761

Email Dated March 10, 2023

**Comment EB-1**

*My name is Eric Belisle and I reside at 3629 E Happy Paseo, Unit 153, Ontario, CA 91761. I write to you to provide commentary regarding the Rich-Haven Specific Plan 2022 Amendment (File No. PSPA22-001) and the proposed changes to PA 5A.*

*This area (PA 5A) is directly adjacent to existing residential dwellings with no street separating us - the owners and residents of this neighborhood did not purchase into this area to see that the planning in their own backyards be changed to light industrial use. We do not want a warehouse in our backyards. The environmental impact report refers to several "significant and unavoidable" impacts on air quality, as well as needed mitigation for noise. Further, PA 5A is already divided by an SCE Easement, placing any new construction very close to our homes.*

*The changes to PA 5A have negative environmental impacts to those of us already living here. We do not have the choice to not buy here - the land is already developed, and we already did before a bait-and-switch on the planning surrounding our homes. Selling our homes adjacent to this zoning will present challenges and decreased values.*

*I ask that you please reconsider the zoning of PA 5A as open space or residential use to protect our homes and families from the effects of being directly adjected to light industrial land use.*

**Response EB-1**

Commenter residency and location relative to the Project site are recognized. Commenter preferences regarding development of the Project site and opinions regarding the Project are recognized.

The commenter correctly states that the EIR analysis substantiates that, even with application of mitigation, the Project would result in certain significant and unavoidable air quality impacts (EIR, pp. 1-33, 1-44, 1-45, 1-46, 1-50; EIR Section 4.3, *Air Quality*, et. al). Under CEQA, lead agencies can approve a project even if that project has significant and unavoidable impacts if the lead agency adopts a Statement of Overriding Considerations. Should the City decide to approve the Project and Certify the EIR, Findings and a Statement of Overriding Considerations would be required as provided for at *CEQA Guidelines* Section 15091. *Findings*, and Section 15093. *Statement of Overriding Considerations*, respectively.

The commenter correctly states that the EIR includes mitigation for the Project's potential noise impacts. The EIR substantiates that with application of mitigation, the Project's potential noise impacts would be less-than-significant (EIR, pp. 1-51, 1-52, 1-53, 1-54; EIR Section 4.4, *Noise*, et. al).

Commenter opinions regarding property valuations are noted. CEQA does not consider potential economic impacts of projects, unless such impacts could result in adverse physical impacts.

The commenter's statements have been forwarded to the decision-makers for their consideration. Findings and conclusions of the EIR are not affected. No revisions to the EIR are proposed or required. The City appreciates the commenter's participation in the Project CEQA review process.

**Lorena Mejia**

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**From:** Vivian Or <viviano8813@gmail.com>  
**Sent:** Monday, March 13, 2023 11:13 PM  
**To:** Lorena Mejia  
**Subject:** Rich Haven specific plan comments

Hello Lorena,

I am a resident of the Neuhouse community which is part of the rich haven plan and would like to offer some feedback that my neighbors also feel similarly about as I got a notice in my mail about the draft plans for the upcoming project in our area. Not sure if this is the appropriate place to send some comments but I am hoping this will at least reach the right people.

We are not sure if the city is aware but haven avenue is backed up at riverside drive until where Ontario ranch is every weekday morning due to influx of residents from Ontario ranch. Most of this is cause by people dropping off their kids at the nearby middle school and getting to the 60 freeway for work. My commute is increased by 10-15 minutes due to the one lane layout of haven avenue... and with the plans to add even more commercial and residential plans in the empty land in that area, it would be comical to not open up more lanes somehow on haven to help meet the demand of cars coming from Ontario ranch up Haven to enter the 60 freeway.

In addition, we hope that you highly consider the type of commercial businesses you bring into this area... Ontario ranch is up and coming... and in a way it seems like you guys are trying to mimic an almost Irvine-like type of community (great park, all new housing units, etc), I can tell you as someone who moved from south OC to here, a lot of the residents like myself have been disappointed in the potential choices of commercial business that will potentially occupy these spaces (lots of rumored layouts with potential plans floating on the internet and social media). We hope to see more businesses that raise the scale of the community and unfortunately, inland empire has nothing to offer compared to luxury shopping centers in Los Angeles and OC. I would like to encourage thoughtful conversation with your team on what you guys want to achieve with this area. Less lower tier stores that can be commonly found in inland empire please! Landscaping could also be improved all around.

I hope your teams considers the needs of their residents and the work it is going to take for this area to live up to the potential to break boundaries for the city. I am hopeful and excited to see what the plans are.

Thank you for your time!  
Vivian

Sent from my iPhone

VO-1

Vivian Or

Address Not Provided

Email Dated March 13, 2023

**Comment VO-1**

*I am a resident of the Neuhouse community which is part of the rich haven plan and would like to offer some feedback that my neighbors also feel similarly about as I got a notice in my mail about the draft plans for the upcoming project in our area. Not sure if this is the appropriate place to send some comments but I am hoping this will at least reach the right people.*

*We are not sure if the city is aware but haven avenue is backed up at riverside drive un→l where Ontario ranch is every weekday morning due to influx of residents from Ontario ranch. Most of this is cause by people dropping off their kids at the nearby middle school and getting to the 60 freeway for work. My commute is increased by 10-15 minutes due to the one lane layout of haven avenue... and with the plans to add even more commercial and residential plans in the empty land in that area, it would be comical to not open up more lanes somehow on haven to help meet the demand of cars coming from Ontario ranch up Haven to enter the 60 freeway.*

*In addition, we hope that you highly consider the type of commercial businesses you bring into this area... Ontario ranch is up and coming... and in a way it seems like you guys are trying to mimic an almost Irvine-like type of community (great park, all new housing units, etc), I can tell you as someone who moved from south OC to here, a lot of the residents like myself have been disappointed in the potential choices of commercial business that will potentially occupy these spaces (lots of rumored layouts with potential plans floating on the internet and social media). We hope to see more businesses that raise the scale of the community and unfortunately, inland empire has nothing to offer compared to luxury shopping centers in Los Angeles and OC. I would like to encourage thoughtful conversation with your team on what you guys want to achieve with this area. Less lower tier stores that can be commonly found in inland empire please! Landscaping could also be improved all around.*

*I hope your teams considers the needs of their residents and the work it is going to take for this area to live up to the potential to break boundaries for the city. I am hopeful and excited to see what the plans are.*

**Response VO-1**

Commenter residency and location relative to the Project site are recognized. Commenter preferences regarding development of the Project site and opinions regarding the Project are recognized.

The commenter's statements have been forwarded to the decision-makers for their consideration. The commenter does not express specific concerns regarding the EIR. Findings and conclusions of the EIR are not affected. No revisions to the EIR are proposed or required. The City appreciates the commenter's participation in the Project CEQA review process.



**Lorena Mejia**

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**From:** Kendra Reif <kendrareif@icloud.com>  
**Sent:** Thursday, March 16, 2023 3:12 PM  
**To:** Lorena Mejia

Good Morning Ms. Mejia,

My name is Kendra Reif and I am a resident that owns a home within the Rich-Haven Specific Plan area. I was interested in learning more about the amendment to the SP. Can you please highlight the majors differences between the existing SP and the new one. Do you know who would be developing the additional housing units, commercial spaces, and warehouse? Have they identified end uses for the commercial and industrial spaces?

KR-1

Thank you so much,

Kendra Reif  
(760) 831-4053

Sent from my iPhone

Kendra Reif  
Address Not Provided

Email Dated March 16, 2023

**Comment KR-1**

*My name is Kendra Reif and I am a resident that owns a home within the Rich-Haven Specific Plan area. I was interested in learning more about the amendment to the SP. Can you please highlight the majors differences between the existing SP and the new one. Do you know who would be developing the additional housing units, commercial spaces, and warehouse? Have they identified end uses for the commercial and industrial spaces?*

**Response KR-1**

Commenter residency and location relative to the Project site are recognized.

The commenter's statements have been forwarded to the decision-makers for their consideration. The commenter does not express specific concerns regarding the EIR. Findings and conclusions of the EIR are not affected. No revisions to the EIR are proposed or required. The City appreciates the commenter's participation in the Project CEQA review process.

## **4.0 MITIGATION MONITORING PROGRAM**

## 4.0 MITIGATION MONITORING PROGRAM

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### 4.1 INTRODUCTION

To ensure that the mitigation measures contained in this EIR are properly implemented, a mitigation monitoring program has been developed pursuant to state law. This Mitigation Monitoring Program (MMP) identifies measures incorporated in the Project which reduce its potential environmental effects; the entities responsible for implementation and monitoring of mitigation measures; and timing for implementation of mitigation measures. As described in *CEQA Guidelines* §15097, this MMP employs both reporting on, and monitoring of, Project mitigation measures.

The objectives of the MMP are to:

- Assign responsibility for, and further proper implementation of mitigation measures;
- Assign responsibility for, and provide for monitoring and reporting of compliance with mitigation measures;
- Provide the mechanism to identify areas of noncompliance and need for enforcement action before irreversible environmental damage occurs.

Mitigation monitoring and reporting procedures incorporated in the Project are presented in the following Section 4.2. Specific mitigation measures incorporated in the Project, mitigation timing, and implementation and reporting/monitoring responsibilities are presented within this Section in Table 4.2-1.

## 4.2 MITIGATION MONITORING AND REPORTING

### **Mitigation Monitoring and Responsibilities**

As the Lead Agency, the City of Ontario is responsible for ensuring full compliance with the mitigation measures adopted for the Project. The City shall monitor and report on all mitigation activities. Mitigation measures shall be implemented at different stages of development throughout the Project area. In this regard, the responsibilities for implementation have been assigned to the Lead and Responsible Agencies, Applicant or successor(s) in interest, Contractors, On-Site Monitors, or combinations thereof.

If during the course of Project implementation, any of the mitigation measures identified herein cannot be successfully implemented, the City shall be immediately informed, and the City shall then inform any affected responsible agencies. The City, in conjunction with any affected responsible agencies, shall then determine if modification to the Project is required and/or whether alternative mitigation is appropriate.

**Table 4.2-1: Mitigation Monitoring Program**

**General Note:** To facilitate coordination and effective implementation of mitigation measures, the mitigation measures provided herein shall appear on all grading plans, construction specifications, and bid documents. Incorporation of required notations shall be verified by the City prior to issuance of first development permit. Implementation Entities shall comply with listed mitigation requirements.

Section / MM No.	Mitigation Measure	Mitigation Timing/Remarks	Implementation Entity	Monitoring/ Reporting Entity	Date of Completion/ Initials
<b>4.3 Air Quality</b>					
4.3.1	<i>Fugitive dust control measures surpassing SCAQMD Rule 403 minimum requirements shall be implemented. Such measures may include: use of nontoxic soil stabilizers, applying water every four hours to active soil disturbing activities and tarping and/or maintaining a minimum of 24 inches of freeboard on trucks hauling dirt, sand, soil, or other loose materials.</i>	Fugitive dust control measures shall be implemented for the duration of site disturbing activities. This measure's operational implementation is subject to periodic City inspection and verification.	Applicant or successor(s) in interest, contractor(s), developer(s).	City of Ontario Building Department.	
4.3.2	<i>Construction equipment rated by the United States Environmental Protection Agency as having Tier 3 or higher exhaust emission limits shall be utilized.</i>	Use of Tier 3 equipment shall be required for the duration of construction activities. This measure's operational implementation is subject to periodic City inspection and verification.	Applicant or successor(s) in interest, contractor(s), developer(s).	City of Ontario Building Department.	
4.3.3	<i>Construction equipment shall be properly serviced and maintained to the manufacturer's standards.</i>	Construction equipment shall be properly serviced and maintained for the duration of construction activities. This measure's operational implementation is subject to periodic City inspection and verification.	Applicant or successor(s) in interest, contractor(s), developer(s).	City of Ontario Building Department.	
4.3.4	<i>Non-essential idling of construction equipment shall be limited to no more than five consecutive minutes.</i>	Equipment idling restrictions shall be in force for the duration of construction activities. This measure's operational implementation is subject to periodic City inspection and verification.	Applicant or successor(s) in interest, contractor(s), developer(s).	City of Ontario Building Department.	
4.3.5	<i>Super-Compliant VOC paints for coating of architectural surfaces shall be used whenever possible.</i>	Build plan language specifying required use of "Super-Compliant" low VOC paints shall be verified by the City prior to issuance of building permit(s).	Applicant or successor(s) in interest, contractor(s), developer(s).	City of Ontario: Planning Department, Building Department.	

**Table 4.2-1: Mitigation Monitoring Program**

**General Note:** To facilitate coordination and effective implementation of mitigation measures, the mitigation measures provided herein shall appear on all grading plans, construction specifications, and bid documents. Incorporation of required notations shall be verified by the City prior to issuance of first development permit. Implementation Entities shall comply with listed mitigation requirements.

Section / MM No.	Mitigation Measure	Mitigation Timing/Remarks	Implementation Entity	Monitoring/ Reporting Entity	Date of Completion/ Initials
4.3.6	<p>Construction contractors shall use off-road diesel construction equipment that complies with EPA/CARB Tier 4 Interim or better emissions standards during all construction phases.</p>	<p>Language specifying required use of Tier 4 construction equipment or better shall be verified by the City prior to issuance of development permit(s). Demonstrated ability to supply the Tier 4 construction equipment shall be provided by contractors/developers prior to issuance of development permit(s).</p> <p>At the time of mobilization of each applicable unit of equipment, and throughout construction activities, a copy of each unit’s certified tier specification or model year specification and CARB or South Coast AQMD operating permit (if applicable) shall be made available by contractor(s)/developer(s) upon request by the City. Throughout construction activities, contractor(s)/developer(s) shall report to the City documenting Tier 4 equipment compliance. This measure’s operational implementation is subject to periodic City inspection and verification.</p>	Applicant or successor(s) in interest, contractor(s), developer(s).	City of Ontario: Planning Department, Building Department.	
4.3.7	<p>Legible, durable, weather-proof signs shall be placed at truck access gates, loading docks, and truck parking areas that identify applicable CARB anti-idling regulations. At a minimum, each sign shall include: 1) instructions for truck drivers to shut off engines when not in use; 2) instructions for drivers of diesel trucks to restrict idling to no more than five (5) minutes once the vehicle is stopped, the transmission is set to "neutral" or "park," and the parking brake is engaged; and 3) telephone numbers of the building facilities manager and the CARB to report violations. Prior to the issuance of an occupancy permit, the City shall conduct a site inspection to ensure that the signs are in place.</p>	<p>Implemented signs per this measure shall be verified by the City prior to the issuance of Certificate(s) of Occupancy for non-residential use(s).</p>	Applicant or successor(s) in interest, contractor(s), developer(s).	City of Ontario: Building Department and Planning Department.	

**Table 4.2-1: Mitigation Monitoring Program**

**General Note:** To facilitate coordination and effective implementation of mitigation measures, the mitigation measures provided herein shall appear on all grading plans, construction specifications, and bid documents. Incorporation of required notations shall be verified by the City prior to issuance of first development permit. Implementation Entities shall comply with listed mitigation requirements.

Section / MM No.	Mitigation Measure	Mitigation Timing/Remarks	Implementation Entity	Monitoring/ Reporting Entity	Date of Completion/ Initials
4.3.8	<i>Industrial building occupants/tenants shall be provided documentation on funding opportunities, such as the Carl Moyer Program, that provide incentives for using cleaner-than-required engines and equipment.</i>	Inclusion of language notifying non-residential tenants of Carl Moyer Program availability shall be verified by the City prior to issuance of Business License(s).	Applicant or successor(s) in interest, contractor(s), developer(s).	City of Ontario: Building Department and Planning Department.	
4.3.9	<i>Non-residential building plans and site designs shall include natural light, passive heating, and passive cooling measures. Typical measures would include efficient window designs, awnings, overhangs, and skylights.</i>	Inclusion of natural light, passive heating, and passive cooling measures in site plans and building plans shall be verified by the City prior to final site plan approval(s), and issuance of building permit(s) as applicable.	Applicant or successor(s) in interest, contractor(s), developer(s).	City of Ontario: Building Department and Planning Department.	
4.3.10	<i>Building and site plans for non-residential uses shall provide electrical service accessible to landscaped areas.</i>	Inclusion of accessible electrical service and outlets in site plans and building plans shall be verified by the City prior to final site plan approval(s), and issuance of building permit(s) as applicable.	Applicant or successor(s) in interest, contractor(s), developer(s).	City of Ontario: Building Department and Planning Department.	
4.3.11	<i>The following or similar language shall be included in lease/sale agreements for all non-residential buildings: "Building tenants shall utilize electric equipment for landscape maintenance to the extent feasible, through requirements in the lease agreements."</i>	Inclusion of language specifying required use of electrical landscape equipment shall be verified by the City prior to issuance of Business License(s) for non-residential uses. Verification of this measure's operational implementation is subject to periodic City inspection.	Applicant or successor(s) in interest, contractor(s), developer(s).	City of Ontario: Building Department and Planning Department.	
4.3.12	<i>The following or similar language shall be included in lease/sale agreements for all industrial buildings: "Tenants shall utilize only electric or natural gas service yard trucks (hostlers), pallet jacks and forklifts, and other onsite equipment, through requirements in the lease agreements. Electric-powered service yard trucks (hostlers), pallet jacks and forklifts, and other onsite equipment shall also be required instead of diesel-powered equipment, if technically feasible. Yard trucks may be diesel fueled in lieu of electrically or natural gas fueled provided such yard trucks are at least compliant with California Air Resources Board (CARB) 2010 standards for on-road vehicles or CARB Tier 4 compliant for off-road vehicles."</i>	Inclusion of language per this measure shall be verified by the City prior to issuance of Business License(s) for industrial uses. This measure's operational implementation is subject to periodic City inspection and verification.	Applicant or successor(s) in interest, contractor(s), developer(s).	City of Ontario: Building Department and Planning Department.	



**Table 4.2-1: Mitigation Monitoring Program**

**General Note:** To facilitate coordination and effective implementation of mitigation measures, the mitigation measures provided herein shall appear on all grading plans, construction specifications, and bid documents. Incorporation of required notations shall be verified by the City prior to issuance of first development permit. Implementation Entities shall comply with listed mitigation requirements.

Section / MM No.	Mitigation Measure	Mitigation Timing/Remarks	Implementation Entity	Monitoring/ Reporting Entity	Date of Completion/ Initials
4.3.13	<p>The following or similar language shall be included in lease/sale agreements for all industrial buildings: “Tenants that do not already operate 2010 and newer trucks shall apply in good faith for funding to replace/retrofit their trucks. Funding mechanisms include Carl Moyer, VIP, Prop 1B, SmartWay Finance, or other similar funds. If awarded, the tenant shall be required to accept and use the funding. Tenants shall be encouraged to consider the use of alternative fueled trucks as well as new or retrofitted diesel trucks. Tenants shall also be encouraged to become SmartWay Partners, if eligible.” Note: This measure shall not apply to trucks that are not owned or otherwise controlled by the facility owner or facility tenant.</p>	<p>Inclusion of language per this measure shall be verified by the City prior to issuance of Business License(s) for industrial uses. This measure’s operational implementation is subject to periodic City inspection and verification.</p>	<p>Applicant or successor(s) in interest, contractor(s), developer(s).</p>	<p>City of Ontario: Building Department and Planning Department.</p>	
4.3.14	<p>The following or similar language shall be included in lease/sale agreements for all industrial buildings: “Tenants who employ 250 or more employees on a full- or part-time basis shall comply with SCAQMD Rule 2202, On-Road Motor Vehicle Mitigation Options. The purpose of this rule is to provide employees with a menu of options to reduce employee commute vehicle emissions. Tenants with less than 250 employees or tenants with 250 or more employees who are exempt from SCAQMD Rule 2202 (as stated in the Rule) shall either (a) join with a tenant who is implementing a program in accordance with Rule 2202 or (b) implement an emission reduction program similar to Rule 2202 with annual reporting of actions and results to the City. The tenant-implemented program would include, but not be limited to the following:</p> <ul style="list-style-type: none"> <li>• Appoint a Transportation Demand Management (TDM) coordinator who would promote the TDM program, activities and features to all employees.</li> <li>• Create and maintain a “commuter club” to manage subsidies or incentives for employees who carpool, vanpool, bicycle, walk, or take transit to work.</li> <li>• Inform employees of public transit and commuting services available to them (e.g., social media, signage).</li> <li>• Provide on-site transit pass sales and discounted transit passes.</li> <li>• Guarantee a ride home.</li> <li>• Offer shuttle service to and from public transit and commercial areas/food establishments, if warranted.</li> </ul>	<p>Inclusion of language per this measure shall be verified by the City prior to issuance of Business License(s) for industrial uses. This measure’s operational implementation is subject to periodic City inspection and verification.</p>	<p>Applicant or successor(s) in interest, contractor(s), developer(s).</p>	<p>City of Ontario: Building Department and Planning Department.</p>	

**Table 4.2-1: Mitigation Monitoring Program**

**General Note:** To facilitate coordination and effective implementation of mitigation measures, the mitigation measures provided herein shall appear on all grading plans, construction specifications, and bid documents. Incorporation of required notations shall be verified by the City prior to issuance of first development permit. Implementation Entities shall comply with listed mitigation requirements.

Section / MM No.	Mitigation Measure	Mitigation Timing/Remarks	Implementation Entity	Monitoring/ Reporting Entity	Date of Completion/ Initials
4.3.15	Loading docks shall be designed to be compatible with SmartWay trucks.	Design of loading docks per this measure shall be verified by the City prior to final site plan approval(s), and issuance of building permit(s).	Applicant or successor(s) in interest, contractor(s), developer(s).	City of Ontario: Building Department and Planning Department.	
4.3.16	Non-residential use site plans shall include signs or other directional indicators delineating required site access and on-site circulation plan.	Inclusion of signs or other directional indicators delineating required site access and on-site circulation shall be verified by the City prior to final site plan approval(s) for non-residential uses.	Applicant or successor(s) in interest, contractor(s), developer(s).	City of Ontario: Building Department and Planning Department.	
4.3.17	The following or similar language shall be included in lease/sale agreements for all non-residential buildings: Tenants shall install (a) sign(s) on their respective property(ies) with telephone, email, and regular mail contact information for a designated tenant representative (representative) who would receive complaints about excessive noise, dust, fumes, or odors. The sign shall also identify contact data for the City for perceived Code violations. The representative shall keep records of any complaints received and actions taken to communicate with the complainant and resolve the complaint. The representative shall endeavor to resolve complaints within 24 hours.	Inclusion of language per this measure shall be verified by the City prior to issuance of Business License(s) for non-residential uses. This measure's operational implementation is subject to periodic City inspection and verification.	Applicant or successor(s) in interest, contractor(s), developer(s).	City of Ontario: Building Department and Planning Department.	
4.3.18	Industrial building designs and site plans shall incorporate electrical supply lines and panels sized to support anticipated future requirements for heavy truck charging facilities. Such designs and plans shall be based on reasonable predictions derived from the most recent available truck manufacturer's data.	Inclusion of electrical supply lines and panels per this measure for industrial uses shall be verified by the City prior to final site plan approval(s), and issuance of building permit(s).	Applicant or successor(s) in interest, contractor(s), developer(s).	City of Ontario: Building Department and Planning Department.	
<b>4.4 Greenhouse Gas Emissions</b>					
4.4.1	Development proposals within the Specific Plan Area shall implement Screening Table Measures to achieve a minimum of 100 points per the City's 2022 CCAP Update Screening Tables. The City shall verify minimum 100-point attainment prior to issuance of site plans and building permits.	Verification of CAP Screening Table Measures achieving the CAP 100-point performance standard shall be verified prior to the issuance of building permit(s) and/or site plans (as applicable). Implemented Screening Table Measures	Applicant or successor(s) in interest, contractor(s), developer(s).	City of Ontario: Planning Department, Building Department.	

**Table 4.2-1: Mitigation Monitoring Program**

**General Note:** To facilitate coordination and effective implementation of mitigation measures, the mitigation measures provided herein shall appear on all grading plans, construction specifications, and bid documents. Incorporation of required notations shall be verified by the City prior to issuance of first development permit. Implementation Entities shall comply with listed mitigation requirements.

Section / MM No.	Mitigation Measure	Mitigation Timing/Remarks	Implementation Entity	Monitoring/ Reporting Entity	Date of Completion/ Initials
		shall be verified prior to issuance of Certificate(s) of Occupancy.			
<b>4.6 Noise</b>					
<b>4.6.1</b>	<p>Prior to Grading Permit issuance, the Applicant shall demonstrate that the Project complies with the following:</p> <ul style="list-style-type: none"> <li>All construction equipment, fixed or mobile, shall be equipped with properly operating and maintained mufflers, to the satisfaction of the Noise Control Officer;</li> <li>During construction, stationary construction equipment shall be placed such that emitted noise is directed away from sensitive noise receivers to the satisfaction of the City Planner; and</li> <li>During construction and to the satisfaction of the City Planner, stockpiling and vehicle staging areas shall be located as far as practical from noise sensitive receptors during construction activities.</li> </ul>	<p>Contractor(s) shall designate a Noise Control Officer. The Noise Control Officer(s) shall ensure compliance with the City Noise Ordinance, shall respond to any citizen noise complaints, and shall ensure implementation of the EIR noise impact mitigation measures.</p> <p>On-going verification of noise impact mitigation measure implementation throughout Project development. Noise officers shall respond to citizen noise complaints within 24 hours and shall coordinate response(s) to complaints with the City.</p>	Applicant or successor(s) in interest, contractor(s), developer(s).	City of Ontario: Building Department.	
<b>4.6.2</b>	<p>Operating or causing the operation of any tools or equipment used in construction, drilling, repair, alteration, or demolition work between the hours of 10 p.m. and 7 a.m. is prohibited. The City Planner may approve additional hours when it can be found that such additional hours will not generate additional disturbance, or that mitigation measures will ensure compatibility with nearby residential areas.</p>	<p>On-going verification of noise impact mitigation measure implementation throughout Project development. Noise officers shall respond to citizen noise complaints within 24 hours and shall coordinate response(s) to complaints with the City.</p>	Applicant or successor(s) in interest, contractor(s), developer(s).	City of Ontario: Building Department.	
<b>4.6.3</b>	<p>Prior to the construction of residential development along Riverside Drive, Haven Avenue, Mill Creek Avenue, Edison Avenue, and Milliken Avenue, an acoustical noise analysis shall be prepared prior to the submittal of final tentative tract maps to ensure that exterior and interior noise levels are met. The acoustical analysis shall demonstrate that the buildings have been designed to limit interior noise levels to 45 dBA CNEL and exterior noise (backyards and habitable balconies and patios) to less than 65 dBA CNEL. Individual</p>	<p>The required acoustical analyses shall be reviewed and approved by the City prior to approval of final tract maps for residential development along Riverside Drive, Haven Avenue, Mill Creek Avenue, Edison Avenue, and Milliken Avenue.</p>	Applicant or successor(s) in interest, contractor(s), developer(s).	City of Ontario: Planning Department, Building Department.	

**Table 4.2-1: Mitigation Monitoring Program**

**General Note:** To facilitate coordination and effective implementation of mitigation measures, the mitigation measures provided herein shall appear on all grading plans, construction specifications, and bid documents. Incorporation of required notations shall be verified by the City prior to issuance of first development permit. Implementation Entities shall comply with listed mitigation requirements.

Section / MM No.	Mitigation Measure	Mitigation Timing/Remarks	Implementation Entity	Monitoring/ Reporting Entity	Date of Completion/ Initials
	developments shall, to the extent feasible, implement site-planning techniques.				
4.6.4	Prior to final development plan approval, on a project-by-project basis and at the discretion of the Ontario Planning Department, subsequent noise studies shall be prepared, which demonstrate site placement of stationary noise sources would not result in noise exceeding criteria established in the City of Ontario Municipal Code. The analysis shall verify that loading dock facilities, rooftop equipment, trash compactors and other stationary noise sources are adequately shielded and/or located at an adequate distance from residential areas in order to comply with the City’s noise standards.	Any required noise studies shall be reviewed and approved by the City prior to final site plan approval(s) for the development(s) under consideration. Noise studies shall ensure that noise levels received do not exceed levels considered and addressed in the EIR.	Applicant or successor(s) in interest, contractor(s), developer(s).	City of Ontario: Planning Department, Building Department.	
4.6.5	Prior to Building Permit issuance and to the satisfaction of the Ontario Planning Department, the Project Applicants, on a project-by-project basis, shall demonstrate compliance with the following with respect to mechanical equipment: <ul style="list-style-type: none"> <li>• Mechanical equipment shall include specifications of quiet equipment;</li> <li>• Mechanical equipment shall be properly selected and installed, and shall include sound attenuation packages;</li> <li>• To the extent possible, mechanical equipment shall be oriented away from the nearest noise sensitive receptors; and</li> <li>• The need for sound attenuation measures, and design of, such measures shall be determined as part of the final engineering design on a project-by-project basis.</li> </ul>	Mechanical equipment compliance requirements per this measure shall be verified prior to issuance of building permit(s).	Applicant or successor(s) in interest, contractor(s), developer(s).	City of Ontario: Planning Department, Building Department.	
4.6.6	Where a commercial zone abuts a residential zone or residential use, the following or similar language shall be included in lease/sale agreements for all non-residential buildings: All deliveries of goods and supplies; trash pick-up, including the use of parking lot trash sweepers; and the operation of machinery or mechanical equipment which emits noise levels in excess of 65 dBA, as measured from the closest property line to the equipment, shall only be allowed between the hours of 7 a.m. and 10 p.m., unless otherwise specified in an approved conditional use permit or other discretionary approval.	Inclusion of language per this measure shall be verified by the City prior to issuance of Business License(s) for non-residential uses. This measure’s operational implementation is subject to periodic City inspection and verification.	Applicant or successor(s) in interest, contractor(s), developer(s).	City of Ontario: Planning Department, Building Department.	

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Section / MM No.	Mitigation Measure	Mitigation Timing/Remarks	Implementation Entity	Monitoring/ Reporting Entity	Date of Completion/ Initials
4.6.7	<i>Prior to final development plan approval, on a project-by-project basis, a subsequent noise analysis shall be prepared, to the satisfaction of the Ontario Planning Department, which demonstrates that all feasible sound attenuation has been incorporated into the parking areas (i.e., landscaping and brushed driving surfaces), such that noise from parking areas has been minimized to the greatest extent practicable.</i>	Any required noise studies shall be reviewed and approved by the City prior to final site plan approval(s) for the development(s) under consideration. Noise studies shall ensure that noise levels received do not exceed levels considered and addressed in the EIR.	Applicant or successor(s) in interest, contractor(s), developer(s).	City of Ontario: Planning Department, Building Department.	
<b>4.7 Hazards/Hazardous Materials</b>					
4.7.1	<i>Prior to the issuance of permits for any structural demolition activities on the Project site, the Project developer(s) shall submit documentation to the City of Ontario Building Department that asbestos and lead-based paint issues are not applicable to their property or that appropriate remediation actions have been undertaken to correct any lead-based paint or asbestos issues. Any required remediation shall conform with the regulations of the South Coast Air Quality Management District and the State of California, Division of Occupational Health and Safety.</i>	Required documentation per this measure shall be provided to City of Ontario Building Department prior to the issuance of permits for any structural demolition activities on the Project site. Any required remediation shall be completed prior to the issuance of building permits or as otherwise specified by the City of Ontario Building Department.	Applicant or successor(s) in interest, contractor(s), developer(s).	City of Ontario: Planning Department, Building Department.	
4.7.2	<i>Testing for methane gas shall be conducted subsequent to mass grading of any site within the Specific Plan Area. Methane gas testing shall conform to requirements of "City of Ontario Building Department Methane Gas Assessment for Projects in the New Model Colony."<sup>1</sup> Project designs shall conform to the Assessment's Methane Design Guidelines or other requirements stipulated by the City of Ontario Building Department.</i>	To the satisfaction of the City of Ontario Building Department, testing for methane presence shall be completed prior to issuance of building permits.	Applicant or successor(s) in interest, contractor(s), developer(s).	City of Ontario: Planning Department, Building Department.	
4.7.3	<i>Site grubbing, clearing, and stockpiling and disposal of soils shall conform to City grading permit requirements. Such requirements may include, but would not be limited to, identification and segregation/stockpiling or proper disposal of soils that contain elevated levels of organic material.</i>	This measure's operational implementation is subject to periodic City inspection and verification.	Applicant or successor(s) in interest, contractor(s), developer(s).	City of Ontario: Building Department.	

<sup>1</sup> See: [https://www.ontarioca.gov/sites/default/files/Ontario-Files/Building/general/methane\\_assessment.pdf](https://www.ontarioca.gov/sites/default/files/Ontario-Files/Building/general/methane_assessment.pdf).

**Table 4.2-1: Mitigation Monitoring Program**

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Section / MM No.	Mitigation Measure	Mitigation Timing/Remarks	Implementation Entity	Monitoring/ Reporting Entity	Date of Completion/ Initials
4.7.4	<i>Prior to approval of tract maps or approval for development of any uses on the Hillardis Property (APNs 218-161-04, 218-161-05, 218-161-10, 218-161-11), the Applicant or successor interest shall complete a Phase II Environmental Site Assessment (ESA) for that property. Prior to issuance of the first development permit for the site, the Applicant or successor interest shall comply with requirements of the Phase II ESA, and shall provide documentation to the City of Ontario to that effect.</i>	Completion of Phase II ESA for APNs 218-161-04, 218-161-05, 218-161-10, 218-161-11 shall be verified prior to approval of tract maps or approval for development of any uses within the referenced properties.	Applicant or successor(s) in interest, contractor(s), developer(s).	City of Ontario: Planning Department, Building Department.	
<b>4.8 Hydrology and Water Quality</b>					
4.8.1	<i>General: In conjunction with all development proposals within the Specific Plan Area, peak flow mitigation measures for each development shall be implemented such that discharges to receiving MPD storm drain mainlines do not exceed the maximum allowable flow rates identified at Project Hydrology Report, Appendix A, Exhibit 3. Ultimate design, location, and configuration of peak flow mitigation measures are site-and use-specific. Design, location, and configuration of peak flow mitigation measures shall be approved by the City as part of site plan review and approval processes.</i>	Hydrologic analyses shall be prepared for individual developments within the Specific Plan Area. Hydrologic analyses shall be reviewed and approved by the City prior to the issuance of development permits. Hydrologic analyses shall substantiate that discharges to receiving MPD storm drain mainlines do not exceed the maximum allowable flow rates identified at Project Hydrology Report, Appendix A, Exhibit 3.	Applicant or successor(s) in interest, contractor(s), developer(s).	City of Ontario: Planning Department, Building Department.	
4.8.2	<i>Haven Storm Drain Mitigation: Measures (e.g., detention basins or similar) to control peak flows to the Haven Storm Drain shall be implemented to address increased stormwater discharges resulting from development of Planning Areas 1A, 1B, 1C, 2C, and 3C. Please refer to Figure 4.8-5. Locations for these measures shall be reviewed and approved by the City prior to final site plan approval(s) for development within Planning Areas 1A, 1B, 1C, 2C, and 3C.</i>	Haven Storm Drain Mitigation per this measure shall be implemented prior to issuance of issuance of a Certificate of Occupancy within any of the following Planning Areas: 1A, 1B, 1C, 2C, or 3C.	Applicant or successor(s) in interest, contractor(s), developer(s).	City of Ontario: Planning Department, Building Department.	
4.8.3	<i>Mill Creek Storm Drain Mitigation: Peak flow mitigation measures shall be implemented for stormwater discharges resulting from development of Planning Areas 2C, 3C, 5A, 6A, and 6B. Please refer to Figure 4.8-5. Locations for these measures shall be reviewed and approved by the City prior to final site plan approval(s) for development within Planning Areas 2C, 3C, 5A, 6A, and 6B.</i>	Mill Creek Storm Drain Mitigation per this measure shall be implemented prior to issuance of issuance of a Certificate of Occupancy within any of the following Planning Areas: 2C, 3C, 5A, 6A, or 6B.	Applicant or successor(s) in interest, contractor(s), developer(s).	City of Ontario: Planning Department, Building Department.	

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<b>4.9 Geology and Soils</b>					
4.9.1	All proposed development within the Specific Plan Area shall, at a minimum, comply with recommendations and standards identified in the Preliminary Geotechnical Report at Section 4.0, Recommendations. If further recommendations are developed as part of future site- and design-specific geotechnical investigations they shall prevail.	Compliance with the Geotechnical Report Recommendations shall be verified prior to issuance of grading permits/building permits as applicable. Implemented Geotechnical Study Recommendations shall be verified prior to Final Grading Certification, issuance of Certificate(s) of Occupancy as applicable.	Applicant or successor(s) in interest, contractor(s), developer(s).	City of Ontario: Planning Department, Building Department.	
<b>4.10 Biological Resources</b>					
4.10.1	Avoidance of Nesting Migratory Birds: If possible, all vegetation removal activities shall be scheduled from August 1 to February 1, which is outside the general avian nesting season. This would ensure that no active nests would be disturbed and that removal could proceed rapidly. If vegetation is to be cleared during the nesting season, all suitable habitat will be thoroughly surveyed within 72 hours prior to clearing for the presence of nesting birds by a qualified biologist (Project Biologist). The Project Biologist shall be approved by the City and retained by the Applicant. The survey results shall be submitted by the Project Applicant to the City Planning Department. If any active nests are detected, the area shall be flagged and mapped on the construction plans along with a minimum 300-foot buffer, with the final buffer distance to be determined by the Project Biologist. The buffer area shall be avoided until, as determined by the Project Biologist, the nesting cycle is complete or it is concluded that the nest has failed. In addition, the Project Biologist shall be present on the site to monitor the vegetation removal to ensure that any nests, which were not detected during the initial survey, are not disturbed.	Prior to issuance of the first grading permit; on-going monitoring of this measure during ground disturbing activities.	Applicant or successor(s) in interest, contractor(s), developer(s), Project Biologist.	City of Ontario: Planning Department, Building Department, Project Biologist.	
4.10.2	Avoidance of Nesting Burrowing Owls: No more than 72 hours prior to any site disturbances, focused surveys for the burrowing owl shall be conducted. If absence of this species is confirmed, Project work can proceed. If, however, burrowing owl is located on site, the appropriate resource agencies (CDFW and USFWS) shall be contacted. The	Pre-construction presence/absence surveys for burrowing owls shall be completed within 72 hours prior to site disturbing activities. The surveys shall be submitted	Applicant or successor(s) in interest, contractor(s), developer(s), Project Biologist.	City of Ontario: Planning Department, Building Department, Project Biologist.	

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	<p>Project Applicant shall consult with the wildlife agencies regarding the most appropriate methods and timing for removal of owls. As necessary, owls will be actively evicted following agency approved protocols (i.e., placing a one-way door at the burrow entrance to ensure that owls cannot access the burrow once they leave). Any such active eviction shall occur outside of the breeding/nesting season. That is, active eviction shall be accomplished between September 1 and February 15. If more than 30 days has elapsed between owl eviction and completion of clearing and grubbing activities, a subsequent survey for the burrowing owl shall be conducted to ensure that owls have not re-populated the site. Any reoccupation by owls will require subsequent protocol active eviction.</p>	<p>to, and reviewed and approved by the City prior to site disturbing activities.</p> <p>Burrowing owl mitigation (if any required) shall be on-going throughout site disturbing activities.</p>			
<p><b>4.11 Cultural Resources</b></p>					
	<p><del>4.11.1 Prior to the issuance of (a) grading permit(s) for development proposal(s) within the Specific Plan Area, the Applicant or successor(s) in interest shall provide a letter to the City of Ontario Building Department, or designee, from a qualified professional archeologist meeting the Secretary of Interior's Professional Qualifications for Archaeology as defined at 36 CFR Part 61, Appendix A stating that the archeologist has been retained to provide on call services in the event archeological resources are discovered. The archeologist shall be present at the pre grading conference to establish procedures for archeological resource surveillance. In the event a previously unrecorded archaeological deposit is encountered during construction, all activity within 50 feet of the area of discovery shall cease and the City shall be immediately notified. The archeologist shall be contacted to flag the area in the field and determine if the archaeological deposits meet the CEQA definition of historical (State CEQA Guidelines 15064.5(a)), unique archaeological resource (Public Resources Code 21083.2(g)), or Tribal Cultural Resource (Public Resources Code 21074 (a)). If the find is considered a "resource" the archeologist shall pursue either protection in place or recovery, salvage and treatment of the deposits. A qualified archeologist and a Native American Monitor of Gabrieleno Ancestry shall evaluate all archaeological resources</del></p>	<p>See below for revised Mitigation Measures, as presented in Section 2.</p>			



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	<p><del>unearthed by Project construction activities. If the resources are Native American in origin, they shall have the opportunity to consult with the City and/or Project developer on appropriate treatment and curation of these resources. If unique archaeological resources, or Tribal Cultural Resources cannot be preserved in place or left in an undisturbed state, recovery, salvage and treatment shall be required at the Applicant or successor(s) in interest's expense. Recovery, salvage and treatment protocols shall be developed in accordance with applicable provisions of Public Resource Code Section 21083.2 and State CEQA Guidelines 15064.5 and 15126.4. All recovered and salvaged resources shall be prepared to the point of identification and permanent preservation by the archaeologist. Resources shall be identified and curated into an established accredited professional repository. The archaeologist shall have a repository agreement in hand prior to initiating recovery of the resource. Excavation as a treatment option shall be restricted to those parts of the unique archaeological resource, or Tribal Cultural Resource that would be damaged or destroyed by the Project.</del></p> <p><del>4.11.2 — Project developer(s) shall retain a Native American Monitor of Gabrieleño Ancestry (Native American Monitor) that was consulted on this Project pursuant to Assembly Bill AB52—SB18 to conduct a Native American Indian Sensitivity Training for construction personnel prior to commencement of any excavation activities. The training session shall include a handout and focus on how to identify Native American resources encountered during earthmoving activities and the procedures followed if resources are discovered, the duties of the Native American Monitor of Gabrieleño Ancestry and the general steps the Monitor would follow in conducting a salvage investigation.</del></p> <p><del>4.11.3 — Project developer(s) shall retain a Native American Monitor of Gabrieleño Ancestry that was consulted on this Project pursuant to Assembly Bill AB52—SB18 to be on site during all Project related, ground disturbing construction activities. Such activities include: pavement removal, auguring, boring, grading,</del></p>				

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	<p><del>excavation, potholing, trenching, and/or grubbing of previously undisturbed native soils to a maximum depth of 30 feet below ground surface. A copy of the executed consultant contract shall be submitted to the City of Ontario Planning Department prior to the issuance of any grading permit (any ground disturbing activity). At their discretion, a Native American Monitor of Gabrieleño Ancestry can be present during the removal of dairy manure to native soil, but not at developer expense.</del></p> <p><del>4.11.4 — A qualified archaeologist and a Native American Monitor of Gabrieleño Ancestry that was consulted on this Project pursuant to Assembly Bill A52 — SB18 shall evaluate all archaeological resources unearthed by Project construction activities. If the resources are Native American in origin, the Tribe shall coordinate with the developer regarding treatment and curation of these resources. Typically, the Tribe will request reburial or preservation for educational purposes. If archeological features are discovered, the archeologist shall report such findings to the Ontario Planning Director. If the archeological resources are found to be significant, the archeologist shall determine the appropriate actions, in cooperation with the City that shall be taken for exploration and/or salvage in compliance with CEQA Guidelines Section 15064.5(f).</del></p> <p><del>4.11.5 — Prior to the start of ground disturbing activities, developer(s) shall arrange a designated site location within the footprint of the Project for the respectful reburial of Tribal human remains and/or ceremonial objects. All human skeletal material discoveries shall be reported immediately to the County Coroner. The Native American Monitor shall immediately divert work a minimum of 50 feet from the discovery site and place an exclusion zone around the burial.</del></p> <p><del>4.11.6 — If encountering human skeletal materials, the Native American Monitor shall notify the construction manager who shall contact the San Bernardino County Coroner. All construction activity shall be diverted while the San Bernardino County Coroner</del></p>				

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	<p><i>determines if the remains are Native American. The discovery shall be confidential and secure to prevent further disturbance. If Native American, the San Bernardino County Coroner shall notify the Native American Heritage Commission (NAHC) as mandated by state law who will then appoint a Most Likely Descendant. In the case where discovered human remains cannot be documented and recovered on the same day, the remains shall be covered with muslin cloth and a steel plate that can be moved by heavy equipment placed over the excavation opening to protect the remains. If this type of steel plate is not available, a 24 hour guard shall be posted outside working hours. The Tribe shall make every effort to recommend diverting the Project and keep the remains in situ and protected. If the Project cannot be diverted, it may be determined that burials will be removed. If data recovery is approved by the Tribe, documentation shall be taken which includes, at a minimum, detailed descriptive notes and sketches. Additional types of documentation shall be approved by the Tribe for data recovery purposes. Cremations will either be removed in bulk or means necessary to ensure complete recovery of all material. If the discovery of human remains includes four (4) or more burials, the location is considered a cemetery and a separate treatment plan shall be created. The Project developer shall consult with the Tribe regarding avoidance of all cemetery sites. Once complete, a final report of all activities shall be submitted to the NAHC.</i></p> <p><i>4.11.7 — There shall be no Scientific study or the utilization of any invasive diagnostics on any Native American human remains.</i></p> <p><i>4.11.8 — If the San Bernardino County Coroner determines the remains represent a historic non-Native American burial, the burial shall be treated in the same manner of respect with agreement of the San Bernardino County Coroner. Reburial will be in an appropriate setting. If the San Bernardino County Coroner determines the remains to be modern, the San Bernardino County Coroner shall take custody of the remains.</i></p>				

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	<p><del>4.11.9 As directed by the Project Archaeologist in consultation with the Native American Monitor, each occurrence of human remains and associated funerary objects shall be stored using opaque cloth bags. All human remains, funerary objects, sacred objects and objects of cultural patrimony shall be removed to a secure container on site if possible. These items shall be retained and reburied within six months of recovery. The site of reburial/repatriation shall be on the Project site, but at a location agreed upon between the Tribe and developer(s) and protected in perpetuity. There shall be no publicity regarding any cultural materials recovered.</del></p>				
4.11.1	<p><b><u>Retain a Native American Monitor Prior to Commencement of Ground-Disturbing Activities:</u></b>  <b><u>A. The project applicant/lead agency shall retain a Native American Monitor from or approved by the Gabrieleño Band of Mission Indians – Kizh Nation. The monitor shall be retained prior to the commencement of any “ground-disturbing activity” for the subject project at all project locations (i.e., both on-site and any off-site locations that are included in the project description/definition and/or required in connection with the project, such as public improvement work). “Ground-disturbing activity” shall include, but is not limited to, demolition, pavement removal, potholing, auguring, grubbing, tree removal, boring, grading, excavation, drilling, and trenching.<sup>2</sup></u></b>  <b><u>B. A copy of the executed monitoring agreement shall be submitted to the lead agency prior to the earlier of the commencement of any ground-disturbing activity, or the issuance of any permit necessary to commence a ground-disturbing activity.<sup>3</sup></u></b>  <b><u>C. The monitor will complete daily monitoring logs that will provide descriptions of the relevant ground-disturbing activities, the type of construction activities performed,</u></b></p>	<p>Retention of Native American Monitor shall be verified prior to the issuance of the first grading permit.</p> <p>Mitigation for potential impacts to archaeological, historical, and tribal cultural resources per this measure shall be on-going for the duration of site disturbing activities.</p>	<p>Applicant or successor(s) in interest, contractor(s), developer(s), Native American Monitor.</p>	<p>City of Ontario: Planning Department, Building Department.</p>	

<sup>2</sup> Tribal monitoring shall cease once all ground disturbance activities have been completed with respect to the property or portion thereof. Example: Once excavation, grading, trenching, etc. have occurred tribal monitoring shall cease. <sup>3</sup>The extent of necessary personnel and hourly wage shall be subject to commercially reasonable standards. If there is a dispute as to scope of the necessary labor needs or wage rates, the City may arbitrate any such disputes in accordance with commercially reasonable standards.

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	<p><u>locations of ground-disturbing activities, soil types, cultural-related materials, and any other facts, conditions, materials, or discoveries of significance to the Tribe. Monitor logs will identify and describe any discovered TCRs, including but not limited to, Native American cultural and historical artifacts, remains, places of significance, etc., (collectively, tribal cultural resources, or "TCR"), as well as any discovered Native American (ancestral) human remains and burial goods. Copies of monitor logs will be provided to the project applicant/lead agency upon written request to the Tribe.</u></p> <p><u>D. On-site tribal monitoring shall conclude upon the latter of the following (1) written confirmation to the Kizh from a designated point of contact for the project applicant/lead agency that all ground-disturbing activities and phases that may involve ground-disturbing activities on the project site or in connection with the project are complete; or (2) a determination and written notification by the Kizh to the project applicant/lead agency that no future, planned construction activity and/or development/construction phase at the project site possesses the potential to impact Kizh TCRs.</u></p> <p><u>E. Upon discovery of any TCRs, all construction activities in the immediate vicinity of the discovery shall cease (i.e., not less than the surrounding 50 feet) and shall not resume until the discovered TCR has been fully assessed by the Kizh monitor and/or Kizh archaeologist. The Kizh will recover and retain all discovered TCRs in the form and/or manner the Tribe deems appropriate, in the Tribe's sole discretion, and for any purpose the Tribe deems appropriate, including for educational, cultural and/or historic purposes.</u></p>				
4.11.2	<p><u>Unanticipated Discovery of Human Remains and Associated Funerary Objects:</u></p> <p><u>A. Native American human remains are defined in PRC 5097.98 (d)(1) as an inhumation or cremation, and in any state of decomposition or skeletal completeness. Funerary objects, called associated grave goods in Public Resources Code</u></p>	Mitigation for potential impacts to tribal cultural resources per this measure shall be on-going for the duration of site disturbing activities.	Applicant or successor(s) in interest, contractor(s), developer(s), Native American Monitor.	City of Ontario: Planning Department, Building Department.	

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**General Note:** To facilitate coordination and effective implementation of mitigation measures, the mitigation measures provided herein shall appear on all grading plans, construction specifications, and bid documents. Incorporation of required notations shall be verified by the City prior to issuance of first development permit. Implementation Entities shall comply with listed mitigation requirements.

Section / MM No.	Mitigation Measure	Mitigation Timing/Remarks	Implementation Entity	Monitoring/ Reporting Entity	Date of Completion/ Initials
	<p><u>Section 5097.98, are also to be treated according to this statute.</u></p> <p><u>B. If Native American human remains and/or grave goods discovered or recognized on the project site, then all construction activities shall immediately cease. Health and Safety Code Section 7050.5 dictates that any discoveries of human skeletal material shall be immediately reported to the County Coroner and all ground-disturbing activities shall immediately halt and shall remain halted until the coroner has determined the nature of the remains. If the coroner recognizes the human remains to be those of a Native American or has reason to believe they are Native American, he or she shall contact, by telephone within 24 hours, the Native American Heritage Commission, and Public Resources Code Section 5097.98 shall be followed.</u></p> <p><u>C. Human remains and grave/burial goods shall be treated alike per California Public Resources Code section 5097.98(d)(1) and (2).</u></p> <p><u>D. Construction activities may resume in other parts of the project site at a minimum of 200 feet away from discovered human remains and/or burial goods, if the Kizh determines in its sole discretion that resuming construction activities at that distance is acceptable and provides the project manager express consent of that determination (along with any other mitigation measures the Kizh monitor and/or archaeologist deems necessary). (CEQA Guidelines Section 15064.5(f).)</u></p> <p><u>E. Preservation in place (i.e., avoidance) is the preferred manner of treatment for discovered human remains and/or burial goods. Any historic archaeological material that is not Native American in origin (non-TCR) shall be curated at a public, non-profit institution with a research interest in the materials, such as the Natural History Museum of Los Angeles County or the Fowler Museum, if such an institution agrees to accept the material. If no institution accepts the archaeological material, it shall be offered to a local school or historical society in the area for educational purposes.</u></p>				

**Table 4.2-1: Mitigation Monitoring Program**

**General Note:** To facilitate coordination and effective implementation of mitigation measures, the mitigation measures provided herein shall appear on all grading plans, construction specifications, and bid documents. Incorporation of required notations shall be verified by the City prior to issuance of first development permit. Implementation Entities shall comply with listed mitigation requirements.

Section / MM No.	Mitigation Measure	Mitigation Timing/Remarks	Implementation Entity	Monitoring/ Reporting Entity	Date of Completion/ Initials
	<u>F. Any discovery of human remains/burial goods shall be kept confidential to prevent further disturbance.</u>				
4.11.3	<p><u>Procedures for Burials and Funerary Remains:</u></p> <p><u>A. As the Most Likely Descendant (“MLD”), the Koo-nas-gna Burial Policy shall be implemented. To the Tribe, the term “human remains” encompasses more than human bones. In ancient as well as historic times, Tribal Traditions included, but were not limited to, the preparation of the soil for burial, the burial of funerary objects with the deceased, and the ceremonial burning of human remains.</u></p> <p><u>B. If the discovery of human remains includes four or more burials, the discovery location shall be treated as a cemetery and a separate treatment plan shall be created.</u></p> <p><u>C. The prepared soil and cremation soils are to be treated in the same manner as bone fragments that remain intact. Associated funerary objects are objects that, as part of the death rite or ceremony of a culture, are reasonably believed to have been placed with individual human remains either at the time of death or later; other items made exclusively for burial purposes or to contain human remains can also be considered as associated funerary objects. Cremations will either be removed in bulk or by means as necessary to ensure complete recovery of all sacred materials.</u></p> <p><u>D. In the case where discovered human remains cannot be fully documented and recovered on the same day, the remains will be covered with muslin cloth and a steel plate that can be moved by heavy equipment placed over the excavation opening to protect the remains. If this type of steel plate is not available, a 24-hour guard should be posted outside of working hours. The Tribe will make every effort to recommend diverting the project and keeping the remains in situ and protected. If the project cannot be diverted, it may be determined that burials will be removed.</u></p> <p><u>E. In the event preservation in place is not possible despite good faith efforts by the project applicant/developer and/or</u></p>	Mitigation for potential impacts to tribal cultural resources per this measure shall be on-going for the duration of site disturbing activities.	Applicant or successor(s) in interest, contractor(s), developer(s), Native American Monitor.	City of Ontario: Planning Department, Building Department.	

**Table 4.2-1: Mitigation Monitoring Program**

**General Note:** To facilitate coordination and effective implementation of mitigation measures, the mitigation measures provided herein shall appear on all grading plans, construction specifications, and bid documents. Incorporation of required notations shall be verified by the City prior to issuance of first development permit. Implementation Entities shall comply with listed mitigation requirements.

Section / MM No.	Mitigation Measure	Mitigation Timing/Remarks	Implementation Entity	Monitoring/ Reporting Entity	Date of Completion/ Initials
	<p><u>landowner, before ground-disturbing activities may resume on the project site, the landowner shall arrange a designated site location within the footprint of the project for the respectful reburial of the human remains and/or ceremonial objects.</u></p> <p><u>F. Each occurrence of human remains and associated funerary objects will be stored using opaque cloth bags. All human remains, funerary objects, sacred objects and objects of cultural patrimony will be removed to a secure container on site if possible. These items should be retained and reburied within six months of recovery. The site of reburial/repatriation shall be on the project site but at a location agreed upon between the Tribe and the landowner at a site to be protected in perpetuity. There shall be no publicity regarding any cultural materials recovered.</u></p> <p><u>G. The Tribe will work closely with the project's qualified archaeologist to ensure that the excavation is treated carefully, ethically and respectfully. If data recovery is approved by the Tribe, documentation shall be prepared and shall include (at a minimum) detailed descriptive notes and sketches. All data recovery data recovery-related forms of documentation shall be approved in advance by the Tribe. If any data recovery is performed, once complete, a final report shall be submitted to the Tribe and the NAHC. The Tribe does NOT authorize any scientific study or the utilization of any invasive and/or destructive diagnostics on human remains.</u></p>				



# ATTACHMENT A

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# **Original HRA Modeling (dated 10/19/22)**

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```

**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.0.0
** Lakes Environmental Software Inc.
** Date: 10/19/2022
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14822 Rich Haven\14822 Construction HRA\14822
Construction HRA.ADI
**

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*****
**
**
*****
** AERMOD Control Pathway
*****
**
**

```

```

CO STARTING
TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14822 Rich Haven\AQIA\14822 Ops
MODELOPT DFAULT CONC
AVERTIME ANNUAL
URBANOPT 2035210 San_Bernardino_County
POLLUTID DPM
RUNORNOT RUN
ERRORFIL "14822 Construction HRA.err"

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CO FINISHED
**
*****

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** AERMOD Source Pathway
*****
**
**

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```

SO STARTING
** Source Location **

```

```

** Source ID - Type - X Coord. - Y Coord. **

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Source ID	Type	X Coord.	Y Coord.	
LOCATION VOL1	VOLUME	447959.249	3762097.745	222.000
LOCATION VOL2	VOLUME	448134.383	3762098.764	222.370
LOCATION VOL3	VOLUME	447790.254	3762102.860	221.890
LOCATION VOL4	VOLUME	447618.190	3762098.764	221.000
LOCATION VOL5	VOLUME	447446.126	3762100.812	221.000
LOCATION VOL6	VOLUME	447276.110	3762094.667	220.000
LOCATION VOL7	VOLUME	447099.949	3762094.667	219.610
LOCATION VOL8	VOLUME	446929.933	3762096.715	220.000
LOCATION VOL9	VOLUME	448310.544	3762106.957	222.000
LOCATION VOL10	VOLUME	446926.657	3762209.795	221.340
LOCATION VOL11	VOLUME	446924.141	3762324.271	222.230
LOCATION VOL12	VOLUME	447100.259	3762207.279	221.000
LOCATION VOL13	VOLUME	447276.377	3762207.279	221.940
LOCATION VOL14	VOLUME	447447.462	3762207.279	222.000
LOCATION VOL15	VOLUME	447616.032	3762206.021	222.000
LOCATION VOL16	VOLUME	447807.246	3762206.021	222.590
LOCATION VOL17	VOLUME	447959.462	3762206.021	223.000
LOCATION VOL18	VOLUME	448138.096	3762203.505	222.620
LOCATION VOL19	VOLUME	448312.955	3762202.247	222.640
LOCATION VOL20	VOLUME	447100.259	3762325.529	221.990
LOCATION VOL21	VOLUME	447276.377	3762324.271	222.880
LOCATION VOL22	VOLUME	447448.720	3762324.271	222.690
LOCATION VOL23	VOLUME	447616.032	3762326.787	222.680
LOCATION VOL24	VOLUME	447789.634	3762328.045	223.720
LOCATION VOL25	VOLUME	447960.720	3762326.787	224.240
LOCATION VOL26	VOLUME	448135.580	3762328.045	224.450
LOCATION VOL27	VOLUME	448317.987	3762330.561	224.780
LOCATION VOL28	VOLUME	447432.367	3762512.969	225.260
LOCATION VOL29	VOLUME	447621.064	3762512.969	224.500
LOCATION VOL30	VOLUME	447811.020	3762515.485	225.440

LOCATION	VOL	VOLUME	447999.717	3762515.485	225.850
LOCATION VOL32	VOLUME	448189.673	3762514.227	225.730	
LOCATION VOL33	VOLUME	448315.471	3762516.743	226.160	
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LOCATION VOL35	VOLUME	448189.673	3762707.956	226.400	
LOCATION VOL36	VOLUME	448000.975	3762706.698	227.390	
LOCATION VOL37	VOLUME	447811.020	3762706.698	226.990	
LOCATION VOL38	VOLUME	447621.064	3762704.182	226.620	
LOCATION VOL39	VOLUME	447433.625	3762704.182	227.300	
LOCATION VOL40	VOLUME	447524.199	3762897.912	228.410	
LOCATION VOL41	VOLUME	447329.212	3762897.912	228.720	
LOCATION VOL42	VOLUME	447304.052	3763089.125	231.270	
LOCATION VOL43	VOLUME	447533.005	3763086.609	231.240	
LOCATION VOL44	VOLUME	447433.625	3763086.609	231.240	
LOCATION VOL45	VOLUME	447530.489	3763277.823	232.460	
LOCATION VOL46	VOLUME	447305.310	3763281.597	232.220	
LOCATION VOL47	VOLUME	447419.787	3763282.855	232.560	
LOCATION VOL48	VOLUME	447112.839	3763304.241	231.800	
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LOCATION VOL53	VOLUME	446925.399	3763474.068	232.580	
LOCATION VOL54	VOLUME	447361.920	3763470.295	233.480	
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LOCATION VOL57	VOLUME	447359.934	3763658.402	234.090	
LOCATION VOL58	VOLUME	447219.034	3763657.144	234.090	
LOCATION VOL59	VOLUME	447090.714	3763659.660	234.540	
LOCATION VOL60	VOLUME	446930.944	3763659.660	234.180	
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LOCATION VOL63	VOLUME	447093.230	3763805.592	235.810	
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LOCATION VOL67	VOLUME	447134.745	3764159.100	239.090	
LOCATION VOL68	VOLUME	446944.782	3764159.100	239.980	
LOCATION VOL69	VOLUME	447136.004	3764318.871	241.020	
LOCATION VOL70	VOLUME	446944.782	3764317.613	240.180	

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE1

\*\* DESCRSRC

\*\* PREFIX

\*\* Length of Side = 14.00

\*\* Configuration = Adjacent

\*\* Emission Rate = 0.0021654378

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 5

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\*\* 448659.241, 3762398.494, 224.01, 3.49, 6.51

\*\* 448751.148, 3762400.370, 222.22, 3.49, 6.51

\*\* 448929.335, 3762451.012, 223.01, 3.49, 6.51

\*\* 449315.720, 3762593.562, 224.31, 3.49, 6.51

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LOCATION L0000002	VOLUME	448436.383	3762408.780	225.27	
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LOCATION L0000004	VOLUME	448464.354	3762407.489	225.26	
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LOCATION L0000006	VOLUME	448492.324	3762406.198	225.25	
LOCATION L0000007	VOLUME	448506.309	3762405.552	225.24	
LOCATION L0000008	VOLUME	448520.294	3762404.907	225.23	
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LOCATION L0000012	VOLUME	448576.234	3762402.325	225.27
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LOCATION L0000018	VOLUME	448660.146	3762398.513	223.93
LOCATION L0000019	VOLUME	448674.143	3762398.798	223.50
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LOCATION L0000025	VOLUME	448757.861	3762402.278	222.28
LOCATION L0000026	VOLUME	448771.328	3762406.105	222.42
LOCATION L0000027	VOLUME	448784.794	3762409.932	222.56
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LOCATION L0000029	VOLUME	448811.728	3762417.587	222.90
LOCATION L0000030	VOLUME	448825.194	3762421.415	222.80
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LOCATION L0000032	VOLUME	448852.128	3762429.069	222.70
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LOCATION L0000047	VOLUME	449051.051	3762495.917	224.02
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LOCATION L0000065	VOLUME	449287.474	3762583.141	224.32
LOCATION L0000066	VOLUME	449300.609	3762587.987	224.36
LOCATION L0000067	VOLUME	449313.743	3762592.833	224.41

\*\* End of LINE VOLUME Source ID = SLINE1

\*\* Source Parameters \*\*

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SRCPARAM VOL2	0.0001378005	5.000	44.302	1.400
SRCPARAM VOL3	0.0001378005	5.000	44.302	1.400
SRCPARAM VOL4	0.0001378005	5.000	44.302	1.400
SRCPARAM VOL5	0.0001378005	5.000	44.302	1.400
SRCPARAM VOL6	0.0001378005	5.000	44.302	1.400





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URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
EMISFACT VOL1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT VOL1      HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
EMISFACT VOL1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
EMISFACT VOL1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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EMISFACT VOL2      HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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** Saturday:
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EMISFACT VOL2      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
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** Saturday:
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EMISFACT VOL3      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
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** WeekDays:
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EMISFACT VOL4      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL4      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:

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EMISFACT L0000066 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
EMISFACT L0000067 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
EMISFACT L0000067 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
EMISFACT L0000067 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
EMISFACT L0000067 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
SRCGROUP ALL

SO FINISHED

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\*\* AERMOD Receptor Pathway

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RE STARTING

INCLUDED "14822 Construction HRA.rou"

RE FINISHED

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\*\* AERMOD Meteorology Pathway

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ME STARTING

SURFFILE KONT\_V9\_ADJU\KONT\_v9.SFC

PROFFILE KONT\_V9\_ADJU\KONT\_v9.PFL

SURFDATA 3102 2012

UAIRDATA 3190 2012

PROFBASE 289.0 METERS

ME FINISHED

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\*\* AERMOD Output Pathway

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OU STARTING

\*\* Auto-Generated Plotfiles

PLOTFILE ANNUAL ALL "14822 CONSTRUCTION HRA.AD\AN00GALL.PLT" 31

SUMMFILE "14822 Construction HRA.sum"

OU FINISHED

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\*\* Project Parameters

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\*\* PROJCTN CoordinateSystemUTM

\*\* DESCPTN UTM: Universal Transverse Mercator

\*\* DATUM North American Datum 1983

\*\* DTMRGN CONUS

\*\* UNITS m

\*\* ZONE 11

\*\* ZONEINX 0

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** Lakes Environmental AERMOD MPI
**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.0.0
** Lakes Environmental Software Inc.
** Date: 10/19/2022
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14822 Rich Haven\14822 Construction HRA\14822
Construction HRA.ADI
**

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*****
** AERMOD Control Pathway
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CO STARTING
TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14822 Rich Haven\AQIA\14822 Ops
MODELOPT DFAULT CONC
AVERTIME ANNUAL
URBANOPT 2035210 San_Bernardino_County
POLLUTID DPM
RUNORNOT RUN
ERRORFIL "14822 Construction HRA.err"

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CO FINISHED

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** AERMOD Source Pathway
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SO STARTING

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** Source Location **

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** Source ID - Type - X Coord. - Y Coord. **

```

Source ID	Type	X Coord.	Y Coord.	
LOCATION VOL1	VOLUME	447959.249	3762097.745	222.000
LOCATION VOL2	VOLUME	448134.383	3762098.764	222.370
LOCATION VOL3	VOLUME	447790.254	3762102.860	221.890
LOCATION VOL4	VOLUME	447618.190	3762098.764	221.000
LOCATION VOL5	VOLUME	447446.126	3762100.812	221.000
LOCATION VOL6	VOLUME	447276.110	3762094.667	220.000
LOCATION VOL7	VOLUME	447099.949	3762094.667	219.610
LOCATION VOL8	VOLUME	446929.933	3762096.715	220.000
LOCATION VOL9	VOLUME	448310.544	3762106.957	222.000
LOCATION VOL10	VOLUME	446926.657	3762209.795	221.340
LOCATION VOL11	VOLUME	446924.141	3762324.271	222.230
LOCATION VOL12	VOLUME	447100.259	3762207.279	221.000
LOCATION VOL13	VOLUME	447276.377	3762207.279	221.940
LOCATION VOL14	VOLUME	447447.462	3762207.279	222.000
LOCATION VOL15	VOLUME	447616.032	3762206.021	222.000
LOCATION VOL16	VOLUME	447807.246	3762206.021	222.590
LOCATION VOL17	VOLUME	447959.462	3762206.021	223.000
LOCATION VOL18	VOLUME	448138.096	3762203.505	222.620
LOCATION VOL19	VOLUME	448312.955	3762202.247	222.640
LOCATION VOL20	VOLUME	447100.259	3762325.529	221.990
LOCATION VOL21	VOLUME	447276.377	3762324.271	222.880
LOCATION VOL22	VOLUME	447448.720	3762324.271	222.690
LOCATION VOL23	VOLUME	447616.032	3762326.787	222.680
LOCATION VOL24	VOLUME	447789.634	3762328.045	223.720
LOCATION VOL25	VOLUME	447960.720	3762326.787	224.240
LOCATION VOL26	VOLUME	448135.580	3762328.045	224.450
LOCATION VOL27	VOLUME	448317.987	3762330.561	224.780
LOCATION VOL28	VOLUME	447432.367	3762512.969	225.260
LOCATION VOL29	VOLUME	447621.064	3762512.969	224.500

LOCATION	VOL	VOLUME			
LOCATION VOL30		VOLUME	447811.020	3762515.485	225.440
LOCATION VOL31		VOLUME	447999.717	3762515.485	225.850
LOCATION VOL32		VOLUME	448189.673	3762514.227	225.730
LOCATION VOL33		VOLUME	448315.471	3762516.743	226.160
LOCATION VOL34		VOLUME	448316.729	3762709.214	227.440
LOCATION VOL35		VOLUME	448189.673	3762707.956	226.400
LOCATION VOL36		VOLUME	448000.975	3762706.698	227.390
LOCATION VOL37		VOLUME	447811.020	3762706.698	226.990
LOCATION VOL38		VOLUME	447621.064	3762704.182	226.620
LOCATION VOL39		VOLUME	447433.625	3762704.182	227.300
LOCATION VOL40		VOLUME	447524.199	3762897.912	228.410
LOCATION VOL41		VOLUME	447329.212	3762897.912	228.720
LOCATION VOL42		VOLUME	447304.052	3763089.125	231.270
LOCATION VOL43		VOLUME	447533.005	3763086.609	231.240
LOCATION VOL44		VOLUME	447433.625	3763086.609	231.240
LOCATION VOL45		VOLUME	447530.489	3763277.823	232.460
LOCATION VOL46		VOLUME	447305.310	3763281.597	232.220
LOCATION VOL47		VOLUME	447419.787	3763282.855	232.560
LOCATION VOL48		VOLUME	447112.839	3763304.241	231.800
LOCATION VOL49		VOLUME	446924.141	3763305.499	231.590
LOCATION VOL50		VOLUME	447533.005	3763469.037	233.480
LOCATION VOL51		VOLUME	447217.251	3763472.810	233.160
LOCATION VOL52		VOLUME	447088.937	3763471.553	232.970
LOCATION VOL53		VOLUME	446925.399	3763474.068	232.580
LOCATION VOL54		VOLUME	447361.920	3763470.295	233.480
LOCATION VOL55		VOLUME	447531.738	3763659.534	234.930
LOCATION VOL56		VOLUME	447533.543	3763806.850	235.550
LOCATION VOL57		VOLUME	447359.934	3763658.402	234.090
LOCATION VOL58		VOLUME	447219.034	3763657.144	234.090
LOCATION VOL59		VOLUME	447090.714	3763659.660	234.540
LOCATION VOL60		VOLUME	446930.944	3763659.660	234.180
LOCATION VOL61		VOLUME	447357.418	3763804.334	234.700
LOCATION VOL62		VOLUME	447219.034	3763804.334	234.880
LOCATION VOL63		VOLUME	447093.230	3763805.592	235.810
LOCATION VOL64		VOLUME	446932.202	3763805.592	235.500
LOCATION VOL65		VOLUME	447133.487	3763996.814	237.440
LOCATION VOL66		VOLUME	446943.524	3763996.814	237.440
LOCATION VOL67		VOLUME	447134.745	3764159.100	239.090
LOCATION VOL68		VOLUME	446944.782	3764159.100	239.980
LOCATION VOL69		VOLUME	447136.004	3764318.871	241.020
LOCATION VOL70		VOLUME	446944.782	3764317.613	240.180

\*\* -----

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE1

\*\* DESCRSRC

\*\* PREFIX

\*\* Length of Side = 14.00

\*\* Configuration = Adjacent

\*\* Emission Rate = 0.0021654378

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 5

\*\* 448415.406, 3762409.748, 225.24, 3.49, 6.51

\*\* 448659.241, 3762398.494, 224.01, 3.49, 6.51

\*\* 448751.148, 3762400.370, 222.22, 3.49, 6.51

\*\* 448929.335, 3762451.012, 223.01, 3.49, 6.51

\*\* 449315.720, 3762593.562, 224.31, 3.49, 6.51

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LOCATION L0000001		VOLUME	448422.398	3762409.425	225.28
LOCATION L0000002		VOLUME	448436.383	3762408.780	225.27
LOCATION L0000003		VOLUME	448450.368	3762408.134	225.27
LOCATION L0000004		VOLUME	448464.354	3762407.489	225.26
LOCATION L0000005		VOLUME	448478.339	3762406.843	225.25
LOCATION L0000006		VOLUME	448492.324	3762406.198	225.25
LOCATION L0000007		VOLUME	448506.309	3762405.552	225.24
LOCATION L0000008		VOLUME	448520.294	3762404.907	225.23

LOCATION L0000009	VOLUME	448534.279	3762404.262	225.23
LOCATION L0000010	VOLUME	448548.264	3762403.616	225.22
LOCATION L0000011	VOLUME	448562.249	3762402.971	225.21
LOCATION L0000012	VOLUME	448576.234	3762402.325	225.27
LOCATION L0000013	VOLUME	448590.220	3762401.680	225.38
LOCATION L0000014	VOLUME	448604.205	3762401.034	225.39
LOCATION L0000015	VOLUME	448618.190	3762400.389	225.20
LOCATION L0000016	VOLUME	448632.175	3762399.743	224.95
LOCATION L0000017	VOLUME	448646.160	3762399.098	224.43
LOCATION L0000018	VOLUME	448660.146	3762398.513	223.93
LOCATION L0000019	VOLUME	448674.143	3762398.798	223.50
LOCATION L0000020	VOLUME	448688.140	3762399.084	223.08
LOCATION L0000021	VOLUME	448702.137	3762399.370	222.76
LOCATION L0000022	VOLUME	448716.134	3762399.655	222.44
LOCATION L0000023	VOLUME	448730.131	3762399.941	222.31
LOCATION L0000024	VOLUME	448744.128	3762400.226	222.23
LOCATION L0000025	VOLUME	448757.861	3762402.278	222.28
LOCATION L0000026	VOLUME	448771.328	3762406.105	222.42
LOCATION L0000027	VOLUME	448784.794	3762409.932	222.56
LOCATION L0000028	VOLUME	448798.261	3762413.760	222.74
LOCATION L0000029	VOLUME	448811.728	3762417.587	222.90
LOCATION L0000030	VOLUME	448825.194	3762421.415	222.80
LOCATION L0000031	VOLUME	448838.661	3762425.242	222.70
LOCATION L0000032	VOLUME	448852.128	3762429.069	222.70
LOCATION L0000033	VOLUME	448865.594	3762432.897	222.74
LOCATION L0000034	VOLUME	448879.061	3762436.724	222.81
LOCATION L0000035	VOLUME	448892.528	3762440.551	222.85
LOCATION L0000036	VOLUME	448905.994	3762444.379	222.89
LOCATION L0000037	VOLUME	448919.461	3762448.206	222.93
LOCATION L0000038	VOLUME	448932.839	3762452.305	222.99
LOCATION L0000039	VOLUME	448945.974	3762457.151	223.14
LOCATION L0000040	VOLUME	448959.108	3762461.997	223.33
LOCATION L0000041	VOLUME	448972.243	3762466.843	223.42
LOCATION L0000042	VOLUME	448985.378	3762471.688	223.47
LOCATION L0000043	VOLUME	448998.512	3762476.534	223.52
LOCATION L0000044	VOLUME	449011.647	3762481.380	223.57
LOCATION L0000045	VOLUME	449024.782	3762486.226	223.67
LOCATION L0000046	VOLUME	449037.916	3762491.071	223.86
LOCATION L0000047	VOLUME	449051.051	3762495.917	224.02
LOCATION L0000048	VOLUME	449064.185	3762500.763	224.07
LOCATION L0000049	VOLUME	449077.320	3762505.609	224.12
LOCATION L0000050	VOLUME	449090.455	3762510.455	224.17
LOCATION L0000051	VOLUME	449103.589	3762515.300	224.22
LOCATION L0000052	VOLUME	449116.724	3762520.146	224.27
LOCATION L0000053	VOLUME	449129.859	3762524.992	224.32
LOCATION L0000054	VOLUME	449142.993	3762529.838	224.37
LOCATION L0000055	VOLUME	449156.128	3762534.684	224.42
LOCATION L0000056	VOLUME	449169.262	3762539.529	224.47
LOCATION L0000057	VOLUME	449182.397	3762544.375	224.46
LOCATION L0000058	VOLUME	449195.532	3762549.221	224.50
LOCATION L0000059	VOLUME	449208.666	3762554.067	224.51
LOCATION L0000060	VOLUME	449221.801	3762558.912	224.46
LOCATION L0000061	VOLUME	449234.936	3762563.758	224.47
LOCATION L0000062	VOLUME	449248.070	3762568.604	224.51
LOCATION L0000063	VOLUME	449261.205	3762573.450	224.49
LOCATION L0000064	VOLUME	449274.339	3762578.296	224.40
LOCATION L0000065	VOLUME	449287.474	3762583.141	224.32
LOCATION L0000066	VOLUME	449300.609	3762587.987	224.36
LOCATION L0000067	VOLUME	449313.743	3762592.833	224.41

\*\* End of LINE VOLUME Source ID = SLINE1

\*\* Source Parameters \*\*

SRCPARAM VOL1	0.0001378005	5.000	44.302	1.400
SRCPARAM VOL2	0.0001378005	5.000	44.302	1.400
SRCPARAM VOL3	0.0001378005	5.000	44.302	1.400
SRCPARAM VOL4	0.0001378005	5.000	44.302	1.400
SRCPARAM VOL5	0.0001378005	5.000	44.302	1.400







\*\* -----

URBANSRC ALL

\*\* Variable Emissions Type: "By Hour / Day (HRDOW)"

\*\* Variable Emission Scenario: "Scenario 1"

\*\* WeekDays:

EMISFACT VOL1 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL1 HRDOW 0.0 0.0 1.0 1.0 1.0 1.0  
 EMISFACT VOL1 HRDOW 1.0 1.0 1.0 1.0 0.0 0.0  
 EMISFACT VOL1 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

\*\* Saturday:

EMISFACT VOL1 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL1 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL1 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL1 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

\*\* Sunday:

EMISFACT VOL1 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL1 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL1 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL1 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

\*\* WeekDays:

EMISFACT VOL2 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL2 HRDOW 0.0 0.0 1.0 1.0 1.0 1.0  
 EMISFACT VOL2 HRDOW 1.0 1.0 1.0 1.0 0.0 0.0  
 EMISFACT VOL2 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

\*\* Saturday:

EMISFACT VOL2 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL2 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL2 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL2 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

\*\* Sunday:

EMISFACT VOL2 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL2 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL2 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL2 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

\*\* WeekDays:

EMISFACT VOL3 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL3 HRDOW 0.0 0.0 1.0 1.0 1.0 1.0  
 EMISFACT VOL3 HRDOW 1.0 1.0 1.0 1.0 0.0 0.0  
 EMISFACT VOL3 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

\*\* Saturday:

EMISFACT VOL3 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL3 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL3 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL3 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

\*\* Sunday:

EMISFACT VOL3 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL3 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL3 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL3 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

\*\* WeekDays:

EMISFACT VOL4 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL4 HRDOW 0.0 0.0 1.0 1.0 1.0 1.0  
 EMISFACT VOL4 HRDOW 1.0 1.0 1.0 1.0 0.0 0.0  
 EMISFACT VOL4 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

\*\* Saturday:

EMISFACT VOL4 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL4 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL4 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL4 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

\*\* Sunday:

EMISFACT VOL4 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL4 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL4 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL4 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0





























































EMISFACT L0000064 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
EMISFACT L0000064 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
EMISFACT L0000064 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
EMISFACT L0000065 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
EMISFACT L0000065 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
EMISFACT L0000065 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
EMISFACT L0000065 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
EMISFACT L0000065 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
EMISFACT L0000066 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
EMISFACT L0000066 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
EMISFACT L0000066 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
EMISFACT L0000066 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
EMISFACT L0000066 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
EMISFACT L0000067 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
EMISFACT L0000067 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
EMISFACT L0000067 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
EMISFACT L0000067 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
SRCGROUP ALL

SO FINISHED

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\*\*\*\*\*  
\*\* AERMOD Receptor Pathway  
\*\*\*\*\*

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\*\*  
RE STARTING  
INCLUDED "14822 Construction HRA.rou"

RE FINISHED  
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\*\*\*\*\*  
\*\* AERMOD Meteorology Pathway  
\*\*\*\*\*

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\*\*  
ME STARTING  
SURFFILE KONT\_V9\_ADJU\KONT\_v9.SFC  
PROFFILE KONT\_V9\_ADJU\KONT\_v9.PFL  
SURFDATA 3102 2012  
UAIRDATA 3190 2012  
PROFBASE 289.0 METERS

ME FINISHED  
\*\*  
\*\*\*\*\*  
\*\* AERMOD Output Pathway  
\*\*\*\*\*

\*\*  
\*\*  
OU STARTING  
\*\* Auto-Generated Plotfiles  
PLOTFILE ANNUAL ALL "14822 CONSTRUCTION HRA.AD\AN00GALL.PLT" 31  
SUMMFILE "14822 Construction HRA.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 2215 MEOpen: THRESH\_1MIN 1-min ASOS wind speed threshold used 0.50  
ME W187 2215 MEOpen: ADJ\_U\* Option for Stable Low Winds used in AERMET

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

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\14822 Rich Haven\AQIA\14822 Ops \*\*\* 10/19/22

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

\*\*\* 13:48:15

PAGE 1

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

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

\*\* Model Options Selected:

- \* Model Uses Regulatory DEFAULT Options
- \* Model Is Setup For Calculation of Average CONCentration Values.
- \* NO GAS DEPOSITION Data Provided.
- \* NO PARTICLE DEPOSITION Data Provided.
- \* Model Uses NO DRY DEPLETION. DDPLETE = F
- \* Model Uses NO WET DEPLETION. WETDPLT = F
- \* Stack-tip Downwash.
- \* Model Accounts for ELEVated Terrain Effects.
- \* Use Calms Processing Routine.
- \* Use Missing Data Processing Routine.
- \* No Exponential Decay.
- \* Model Uses URBAN Dispersion Algorithm for the SBL for 137 Source(s),  
for Total of 1 Urban Area(s):  
Urban Population = 2035210.0 ; Urban Roughness Length = 1.000 m
- \* Urban Roughness Length of 1.0 Meter Used.
- \* ADJ\_U\* - Use ADJ\_U\* option for SBL in AERMET
- \* CCVR\_Sub - Meteorological data includes CCVR substitutions
- \* TEMP\_Sub - Meteorological data includes TEMP substitutions
- \* Model Assumes No FLAGPOLE Receptor Heights.
- \* The User Specified a Pollutant Type of: DPM

\*\*Model Calculates ANNUAL Averages Only

\*\*This Run Includes: 137 Source(s); 1 Source Group(s); and 227 Receptor(s)

with: 0 POINT(s), including  
0 POINTCAP(s) and 0 POINTHOR(s)  
and: 137 VOLUME source(s)  
and: 0 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 ANNUAL Averages by Receptor
- 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) = 289.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0  
 Emission Units = GRAMS/SEC ; Emission Rate  
 Unit Factor = 0.10000E+07  
 Output Units = MICROGRAMS/M\*\*3

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

\*\*Input Runstream File:

aermod.inp

\*\*Output Print File:

aermod.out

\*\*Detailed Error/Message File: 14822 Construction  
 HRA.err

\*\*File for Summary of Results: 14822 Construction  
 HRA.sum

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\14822 Rich Haven\AQIA\14822 Ops \*\*\* 10/19/22

\*\*\* AERMET - VERSION 16216 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

SOURCE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
ID	SCALAR	VARY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	CATS.	BY						
VOL1	0	0.13780E-03	447959.2	3762097.7	222.0	5.00	44.30	1.40
YES HRDOW								
VOL2	0	0.13780E-03	448134.4	3762098.8	222.4	5.00	44.30	1.40
YES HRDOW								
VOL3	0	0.13780E-03	447790.3	3762102.9	221.9	5.00	44.30	1.40
YES HRDOW								
VOL4	0	0.13780E-03	447618.2	3762098.8	221.0	5.00	44.30	1.40
YES HRDOW								
VOL5	0	0.13780E-03	447446.1	3762100.8	221.0	5.00	44.30	1.40
YES HRDOW								
VOL6	0	0.13780E-03	447276.1	3762094.7	220.0	5.00	44.30	1.40
YES HRDOW								
VOL7	0	0.13780E-03	447099.9	3762094.7	219.6	5.00	44.30	1.40
YES HRDOW								
VOL8	0	0.13780E-03	446929.9	3762096.7	220.0	5.00	44.30	1.40
YES HRDOW								
VOL9	0	0.13780E-03	448310.5	3762107.0	222.0	5.00	44.30	1.40
YES HRDOW								
VOL10	0	0.13780E-03	446926.7	3762209.8	221.3	5.00	44.30	1.40
YES HRDOW								
VOL11	0	0.13780E-03	446924.1	3762324.3	222.2	5.00	44.30	1.40
YES HRDOW								
VOL12	0	0.13780E-03	447100.3	3762207.3	221.0	5.00	44.30	1.40
YES HRDOW								
VOL13	0	0.13780E-03	447276.4	3762207.3	221.9	5.00	44.30	1.40



YES	HRDOW								
VOL14		0	0.13780E-03	447447.5	3762207.3	222.0	5.00	44.30	1.40
YES	HRDOW								
VOL15		0	0.13780E-03	447616.0	3762206.0	222.0	5.00	44.30	1.40
YES	HRDOW								
VOL16		0	0.13780E-03	447807.2	3762206.0	222.6	5.00	44.30	1.40
YES	HRDOW								
VOL17		0	0.13780E-03	447959.5	3762206.0	223.0	5.00	44.30	1.40
YES	HRDOW								
VOL18		0	0.13780E-03	448138.1	3762203.5	222.6	5.00	44.30	1.40
YES	HRDOW								
VOL19		0	0.13780E-03	448313.0	3762202.2	222.6	5.00	44.30	1.40
YES	HRDOW								
VOL20		0	0.13780E-03	447100.3	3762325.5	222.0	5.00	44.30	1.40
YES	HRDOW								
VOL21		0	0.13780E-03	447276.4	3762324.3	222.9	5.00	44.30	1.40
YES	HRDOW								
VOL22		0	0.13780E-03	447448.7	3762324.3	222.7	5.00	44.30	1.40
YES	HRDOW								
VOL23		0	0.13780E-03	447616.0	3762326.8	222.7	5.00	44.30	1.40
YES	HRDOW								
VOL24		0	0.13780E-03	447789.6	3762328.0	223.7	5.00	44.30	1.40
YES	HRDOW								
VOL25		0	0.13780E-03	447960.7	3762326.8	224.2	5.00	44.30	1.40
YES	HRDOW								
VOL26		0	0.13780E-03	448135.6	3762328.0	224.5	5.00	44.30	1.40
YES	HRDOW								
VOL27		0	0.13780E-03	448318.0	3762330.6	224.8	5.00	44.30	1.40
YES	HRDOW								
VOL28		0	0.13780E-03	447432.4	3762513.0	225.3	5.00	44.30	1.40
YES	HRDOW								
VOL29		0	0.13780E-03	447621.1	3762513.0	224.5	5.00	44.30	1.40
YES	HRDOW								
VOL30		0	0.13780E-03	447811.0	3762515.5	225.4	5.00	44.30	1.40
YES	HRDOW								
VOL31		0	0.13780E-03	447999.7	3762515.5	225.9	5.00	44.30	1.40
YES	HRDOW								
VOL32		0	0.13780E-03	448189.7	3762514.2	225.7	5.00	44.30	1.40
YES	HRDOW								
VOL33		0	0.13780E-03	448315.5	3762516.7	226.2	5.00	44.30	1.40
YES	HRDOW								
VOL34		0	0.13780E-03	448316.7	3762709.2	227.4	5.00	44.30	1.40
YES	HRDOW								
VOL35		0	0.13780E-03	448189.7	3762708.0	226.4	5.00	44.30	1.40
YES	HRDOW								
VOL36		0	0.13780E-03	448001.0	3762706.7	227.4	5.00	44.30	1.40
YES	HRDOW								
VOL37		0	0.13780E-03	447811.0	3762706.7	227.0	5.00	44.30	1.40
YES	HRDOW								
VOL38		0	0.13780E-03	447621.1	3762704.2	226.6	5.00	44.30	1.40
YES	HRDOW								
VOL39		0	0.13780E-03	447433.6	3762704.2	227.3	5.00	44.30	1.40
YES	HRDOW								
VOL40		0	0.13780E-03	447524.2	3762897.9	228.4	5.00	44.30	1.40
YES	HRDOW								

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 Haven\AQIA\14822 Ops \*\*\* 10/19/22  
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SOURCE	PART.	NUMBER	EMISSION	RATE	X	Y	BASE	RELEASE	INIT.	INIT.
		URBAN	EMISSION	RATE			ELEV.	HEIGHT	SY	SZ
SOURCE	SCALAR	VARY	(GRAMS/SEC)		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
ID	CATS.		BY							
(METERS)										
VOL41		0	0.13780E-03	447329.2	3762897.9	228.7	5.00	44.30	1.40	
YES	HRDOW									
VOL42		0	0.13780E-03	447304.1	3763089.1	231.3	5.00	44.30	1.40	
YES	HRDOW									
VOL43		0	0.13780E-03	447533.0	3763086.6	231.2	5.00	44.30	1.40	
YES	HRDOW									
VOL44		0	0.13780E-03	447433.6	3763086.6	231.2	5.00	44.30	1.40	
YES	HRDOW									
VOL45		0	0.13780E-03	447530.5	3763277.8	232.5	5.00	44.30	1.40	
YES	HRDOW									
VOL46		0	0.13780E-03	447305.3	3763281.6	232.2	5.00	44.30	1.40	
YES	HRDOW									
VOL47		0	0.13780E-03	447419.8	3763282.9	232.6	5.00	44.30	1.40	
YES	HRDOW									
VOL48		0	0.13780E-03	447112.8	3763304.2	231.8	5.00	44.30	1.40	
YES	HRDOW									
VOL49		0	0.13780E-03	446924.1	3763305.5	231.6	5.00	44.30	1.40	
YES	HRDOW									
VOL50		0	0.13780E-03	447533.0	3763469.0	233.5	5.00	44.30	1.40	
YES	HRDOW									
VOL51		0	0.13780E-03	447217.3	3763472.8	233.2	5.00	44.30	1.40	
YES	HRDOW									
VOL52		0	0.13780E-03	447088.9	3763471.6	233.0	5.00	44.30	1.40	
YES	HRDOW									
VOL53		0	0.13780E-03	446925.4	3763474.1	232.6	5.00	44.30	1.40	
YES	HRDOW									
VOL54		0	0.13780E-03	447361.9	3763470.3	233.5	5.00	44.30	1.40	
YES	HRDOW									
VOL55		0	0.13780E-03	447531.7	3763659.5	234.9	5.00	44.30	1.40	
YES	HRDOW									
VOL56		0	0.13780E-03	447533.5	3763806.8	235.6	5.00	44.30	1.40	
YES	HRDOW									
VOL57		0	0.13780E-03	447359.9	3763658.4	234.1	5.00	44.30	1.40	
YES	HRDOW									
VOL58		0	0.13780E-03	447219.0	3763657.1	234.1	5.00	44.30	1.40	
YES	HRDOW									
VOL59		0	0.13780E-03	447090.7	3763659.7	234.5	5.00	44.30	1.40	
YES	HRDOW									
VOL60		0	0.13780E-03	446930.9	3763659.7	234.2	5.00	44.30	1.40	
YES	HRDOW									
VOL61		0	0.13780E-03	447357.4	3763804.3	234.7	5.00	44.30	1.40	
YES	HRDOW									
VOL62		0	0.13780E-03	447219.0	3763804.3	234.9	5.00	44.30	1.40	
YES	HRDOW									
VOL63		0	0.13780E-03	447093.2	3763805.6	235.8	5.00	44.30	1.40	
YES	HRDOW									
VOL64		0	0.13780E-03	446932.2	3763805.6	235.5	5.00	44.30	1.40	
YES	HRDOW									
VOL65		0	0.13780E-03	447133.5	3763996.8	237.4	5.00	44.30	1.40	
YES	HRDOW									
VOL66		0	0.13780E-03	446943.5	3763996.8	237.4	5.00	44.30	1.40	
YES	HRDOW									
VOL67		0	0.13780E-03	447134.7	3764159.1	239.1	5.00	44.30	1.40	
YES	HRDOW									
VOL68		0	0.13780E-03	446944.8	3764159.1	240.0	5.00	44.30	1.40	
YES	HRDOW									
VOL69		0	0.13780E-03	447136.0	3764318.9	241.0	5.00	44.30	1.40	

YES	HRDOW								
VOL70		0	0.13780E-03	446944.8	3764317.6	240.2	5.00	44.30	1.40
YES	HRDOW								
L0000001		0	0.32320E-04	448422.4	3762409.4	225.3	3.49	6.51	3.25
YES	HRDOW								
L0000002		0	0.32320E-04	448436.4	3762408.8	225.3	3.49	6.51	3.25
YES	HRDOW								
L0000003		0	0.32320E-04	448450.4	3762408.1	225.3	3.49	6.51	3.25
YES	HRDOW								
L0000004		0	0.32320E-04	448464.4	3762407.5	225.3	3.49	6.51	3.25
YES	HRDOW								
L0000005		0	0.32320E-04	448478.3	3762406.8	225.2	3.49	6.51	3.25
YES	HRDOW								
L0000006		0	0.32320E-04	448492.3	3762406.2	225.2	3.49	6.51	3.25
YES	HRDOW								
L0000007		0	0.32320E-04	448506.3	3762405.6	225.2	3.49	6.51	3.25
YES	HRDOW								
L0000008		0	0.32320E-04	448520.3	3762404.9	225.2	3.49	6.51	3.25
YES	HRDOW								
L0000009		0	0.32320E-04	448534.3	3762404.3	225.2	3.49	6.51	3.25
YES	HRDOW								
L0000010		0	0.32320E-04	448548.3	3762403.6	225.2	3.49	6.51	3.25
YES	HRDOW								

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

\*\*\* VOLUME SOURCE DATA \*\*\*

SOURCE	NUMBER	EMISSION	RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	PART.	(GRAMS/SEC)		X	Y	ELEV.	HEIGHT	SY	SZ
ID	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
(METERS)	CATS.	BY							
L0000011	0	0.32320E-04	448562.2	3762403.0	225.2	3.49	6.51	3.25	
YES	HRDOW								
L0000012	0	0.32320E-04	448576.2	3762402.3	225.3	3.49	6.51	3.25	
YES	HRDOW								
L0000013	0	0.32320E-04	448590.2	3762401.7	225.4	3.49	6.51	3.25	
YES	HRDOW								
L0000014	0	0.32320E-04	448604.2	3762401.0	225.4	3.49	6.51	3.25	
YES	HRDOW								
L0000015	0	0.32320E-04	448618.2	3762400.4	225.2	3.49	6.51	3.25	
YES	HRDOW								
L0000016	0	0.32320E-04	448632.2	3762399.7	225.0	3.49	6.51	3.25	
YES	HRDOW								
L0000017	0	0.32320E-04	448646.2	3762399.1	224.4	3.49	6.51	3.25	
YES	HRDOW								
L0000018	0	0.32320E-04	448660.1	3762398.5	223.9	3.49	6.51	3.25	
YES	HRDOW								
L0000019	0	0.32320E-04	448674.1	3762398.8	223.5	3.49	6.51	3.25	
YES	HRDOW								
L0000020	0	0.32320E-04	448688.1	3762399.1	223.1	3.49	6.51	3.25	
YES	HRDOW								
L0000021	0	0.32320E-04	448702.1	3762399.4	222.8	3.49	6.51	3.25	
YES	HRDOW								
L0000022	0	0.32320E-04	448716.1	3762399.7	222.4	3.49	6.51	3.25	

YES	HRDOW	L0000023	0	0.32320E-04	448730.1	3762399.9	222.3	3.49	6.51	3.25
YES	HRDOW	L0000024	0	0.32320E-04	448744.1	3762400.2	222.2	3.49	6.51	3.25
YES	HRDOW	L0000025	0	0.32320E-04	448757.9	3762402.3	222.3	3.49	6.51	3.25
YES	HRDOW	L0000026	0	0.32320E-04	448771.3	3762406.1	222.4	3.49	6.51	3.25
YES	HRDOW	L0000027	0	0.32320E-04	448784.8	3762409.9	222.6	3.49	6.51	3.25
YES	HRDOW	L0000028	0	0.32320E-04	448798.3	3762413.8	222.7	3.49	6.51	3.25
YES	HRDOW	L0000029	0	0.32320E-04	448811.7	3762417.6	222.9	3.49	6.51	3.25
YES	HRDOW	L0000030	0	0.32320E-04	448825.2	3762421.4	222.8	3.49	6.51	3.25
YES	HRDOW	L0000031	0	0.32320E-04	448838.7	3762425.2	222.7	3.49	6.51	3.25
YES	HRDOW	L0000032	0	0.32320E-04	448852.1	3762429.1	222.7	3.49	6.51	3.25
YES	HRDOW	L0000033	0	0.32320E-04	448865.6	3762432.9	222.7	3.49	6.51	3.25
YES	HRDOW	L0000034	0	0.32320E-04	448879.1	3762436.7	222.8	3.49	6.51	3.25
YES	HRDOW	L0000035	0	0.32320E-04	448892.5	3762440.6	222.9	3.49	6.51	3.25
YES	HRDOW	L0000036	0	0.32320E-04	448906.0	3762444.4	222.9	3.49	6.51	3.25
YES	HRDOW	L0000037	0	0.32320E-04	448919.5	3762448.2	222.9	3.49	6.51	3.25
YES	HRDOW	L0000038	0	0.32320E-04	448932.8	3762452.3	223.0	3.49	6.51	3.25
YES	HRDOW	L0000039	0	0.32320E-04	448946.0	3762457.2	223.1	3.49	6.51	3.25
YES	HRDOW	L0000040	0	0.32320E-04	448959.1	3762462.0	223.3	3.49	6.51	3.25
YES	HRDOW	L0000041	0	0.32320E-04	448972.2	3762466.8	223.4	3.49	6.51	3.25
YES	HRDOW	L0000042	0	0.32320E-04	448985.4	3762471.7	223.5	3.49	6.51	3.25
YES	HRDOW	L0000043	0	0.32320E-04	448998.5	3762476.5	223.5	3.49	6.51	3.25
YES	HRDOW	L0000044	0	0.32320E-04	449011.6	3762481.4	223.6	3.49	6.51	3.25
YES	HRDOW	L0000045	0	0.32320E-04	449024.8	3762486.2	223.7	3.49	6.51	3.25
YES	HRDOW	L0000046	0	0.32320E-04	449037.9	3762491.1	223.9	3.49	6.51	3.25
YES	HRDOW	L0000047	0	0.32320E-04	449051.1	3762495.9	224.0	3.49	6.51	3.25
YES	HRDOW	L0000048	0	0.32320E-04	449064.2	3762500.8	224.1	3.49	6.51	3.25
YES	HRDOW	L0000049	0	0.32320E-04	449077.3	3762505.6	224.1	3.49	6.51	3.25
YES	HRDOW	L0000050	0	0.32320E-04	449090.5	3762510.5	224.2	3.49	6.51	3.25

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 \*\*\* AERMET - VERSION 16216 \*\*\*  
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SOURCE	NUMBER URBAN	EMISSION RATE (GRAMS/SEC)	X	Y	BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ
SOURCE ID (METERS)	PART. SCALAR VARY CATS.	EMISSION RATE BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0000051	0	0.32320E-04	449103.6	3762515.3	224.2	3.49	6.51	3.25
YES HRDOW								
L0000052	0	0.32320E-04	449116.7	3762520.1	224.3	3.49	6.51	3.25
YES HRDOW								
L0000053	0	0.32320E-04	449129.9	3762525.0	224.3	3.49	6.51	3.25
YES HRDOW								
L0000054	0	0.32320E-04	449143.0	3762529.8	224.4	3.49	6.51	3.25
YES HRDOW								
L0000055	0	0.32320E-04	449156.1	3762534.7	224.4	3.49	6.51	3.25
YES HRDOW								
L0000056	0	0.32320E-04	449169.3	3762539.5	224.5	3.49	6.51	3.25
YES HRDOW								
L0000057	0	0.32320E-04	449182.4	3762544.4	224.5	3.49	6.51	3.25
YES HRDOW								
L0000058	0	0.32320E-04	449195.5	3762549.2	224.5	3.49	6.51	3.25
YES HRDOW								
L0000059	0	0.32320E-04	449208.7	3762554.1	224.5	3.49	6.51	3.25
YES HRDOW								
L0000060	0	0.32320E-04	449221.8	3762558.9	224.5	3.49	6.51	3.25
YES HRDOW								
L0000061	0	0.32320E-04	449234.9	3762563.8	224.5	3.49	6.51	3.25
YES HRDOW								
L0000062	0	0.32320E-04	449248.1	3762568.6	224.5	3.49	6.51	3.25
YES HRDOW								
L0000063	0	0.32320E-04	449261.2	3762573.4	224.5	3.49	6.51	3.25
YES HRDOW								
L0000064	0	0.32320E-04	449274.3	3762578.3	224.4	3.49	6.51	3.25
YES HRDOW								
L0000065	0	0.32320E-04	449287.5	3762583.1	224.3	3.49	6.51	3.25
YES HRDOW								
L0000066	0	0.32320E-04	449300.6	3762588.0	224.4	3.49	6.51	3.25
YES HRDOW								
L0000067	0	0.32320E-04	449313.7	3762592.8	224.4	3.49	6.51	3.25
YES HRDOW								

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

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

SRCGROUP ID	SOURCE IDs
ALL	VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 ,
VOL7	, VOL8 ,
	VOL9 , VOL10 , VOL11 , VOL12 , VOL13 , VOL14 ,
	VOL15 , VOL16 ,

VOL17 , VOL18 , VOL19 , VOL20 , VOL21 , VOL22 ,  
VOL23 , VOL24 ,  
VOL25 , VOL26 , VOL27 , VOL28 , VOL29 , VOL30 ,  
VOL31 , VOL32 ,  
VOL33 , VOL34 , VOL35 , VOL36 , VOL37 , VOL38 ,  
VOL39 , VOL40 ,  
VOL41 , VOL42 , VOL43 , VOL44 , VOL45 , VOL46 ,  
VOL47 , VOL48 ,  
VOL49 , VOL50 , VOL51 , VOL52 , VOL53 , VOL54 ,  
VOL55 , VOL56 ,  
VOL57 , VOL58 , VOL59 , VOL60 , VOL61 , VOL62 ,  
VOL63 , VOL64 ,  
VOL65 , VOL66 , VOL67 , VOL68 , VOL69 , VOL70 ,  
L0000001 , L0000002 ,  
L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 ,  
L0000009 , L0000010 ,  
L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 ,  
L0000017 , L0000018 ,  
L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 ,  
L0000025 , L0000026 ,  
L0000027 , L0000028 , L0000029 , L0000030 , L0000031 , L0000032 ,  
L0000033 , L0000034 ,  
L0000035 , L0000036 , L0000037 , L0000038 , L0000039 , L0000040 ,  
L0000041 , L0000042 ,  
L0000043 , L0000044 , L0000045 , L0000046 , L0000047 , L0000048 ,  
L0000049 , L0000050 ,  
L0000051 , L0000052 , L0000053 , L0000054 , L0000055 , L0000056 ,  
L0000057 , L0000058 ,  
L0000059 , L0000060 , L0000061 , L0000062 , L0000063 , L0000064 ,  
L0000065 , L0000066 ,  
L0000067 ,

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Haven\AQIA\14822 Ops \*\*\* 10/19/22  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

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

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
VOL8	2035210. VOL6	VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL7 ,
	VOL9	VOL10 , VOL11 , VOL12 , VOL13 , VOL14 ,



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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL2 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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



SOURCE ID = VOL3 ; SOURCE TYPE = VOLUME :  
 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 .0000E+00  
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
 .1000E+01 15 .1000E+01 16 .1000E+01  
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL4 ; SOURCE TYPE = VOLUME :  
 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 .0000E+00  
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
 .1000E+01 15 .1000E+01 16 .1000E+01  
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL5 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL6 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL7 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL8 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL9 ; SOURCE TYPE = VOLUME :
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Haven\AQIA\14822 Ops \*\*\* 10/19/22
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

SOURCE ID = VOL10 ; SOURCE TYPE = VOLUME :
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	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL11 ; SOURCE TYPE = VOLUME :

SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
--------	------	--------	------	--------	------	--------	------	--------	------	--------	------

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	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL12 ; SOURCE TYPE = VOLUME :  
 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 .0000E+00  
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
 .1000E+01 15 .1000E+01 16 .1000E+01  
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL13 ; SOURCE TYPE = VOLUME :  
 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 .0000E+00  
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
 .1000E+01 15 .1000E+01 16 .1000E+01  
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

.0000E+00 23 .0000E+00 24 .0000E+00  
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Haven\AQIA\14822 Ops \*\*\* 10/19/22  
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\*\*\* MODELOPTs: RegDFault CONC ELEV URBAN ADJ\_U\*

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

SOURCE ID = VOL14 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL15 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL16 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL17 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14



.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL18 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL19 ; SOURCE TYPE = VOLUME :

HRAS  
Haven\AQIA\14822 Ops \*\*\*

HRAS	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	
.0000E+00	7	.0000E+00	8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00
.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	
.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
.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	
.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

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

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

SOURCE ID = VOL20 ; SOURCE TYPE = VOLUME :  
HRAS  
Haven\AQIA\14822 Ops \*\*\*

HRAS	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	
.0000E+00	7	.0000E+00	8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00
.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	
.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
.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	
.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

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

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

SOURCE ID = VOL21 ; SOURCE TYPE = VOLUME :
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL22 ; SOURCE TYPE = VOLUME :
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00

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

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Haven\AQIA\14822 Ops \*\*\* 10/19/22  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

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

SOURCE ID = VOL23 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL24 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL25 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL26 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL27 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK

(HRDOW) \*

SOURCE ID = VOL28 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL29 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL30 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

Table with 12 columns (1-12) and 6 rows of emission rate scalars for Weekday.

DAY OF WEEK = SATURDAY

Table with 12 columns (1-12) and 6 rows of emission rate scalars for Saturday.

DAY OF WEEK = SUNDAY

Table with 12 columns (1-12) and 6 rows of emission rate scalars for Sunday.

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

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

SOURCE ID = VOL31 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

Table with 12 columns (1-12) and 6 rows of emission rate scalars for Weekday.

DAY OF WEEK = SATURDAY

Table with 12 columns (1-12) and 6 rows of emission rate scalars for Saturday.



DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL32 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL33 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00

.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL34 ; SOURCE TYPE = VOLUME :
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Haven\AQIA\14822 Ops \*\*\* 10/19/22

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

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

SOURCE ID = VOL35 ; SOURCE TYPE = VOLUME :
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	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL36 ; SOURCE TYPE = VOLUME :

SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
--------	------	--------	------	--------	------	--------	------	--------	------	--------	------

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	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL37 ; SOURCE TYPE = VOLUME :
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL38 ; SOURCE TYPE = VOLUME :
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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

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

SOURCE ID = VOL39 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL40 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14

.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL41 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL42 ; SOURCE TYPE = VOLUME :  
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 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL43 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL44 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL45 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL46 ; SOURCE TYPE = VOLUME :
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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\*\*\* AERMET - VERSION 16216 \*\*\*
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

SOURCE ID = VOL47 ; SOURCE TYPE = VOLUME :
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6

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

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Haven\AQIA\14822 Ops \*\*\* 10/19/22  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

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

SOURCE ID = VOL48 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL49 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL50 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL51 ; SOURCE TYPE = VOLUME :  
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL52 ; SOURCE TYPE = VOLUME :
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Haven\AQIA\14822 Ops \*\*\* 10/19/22

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

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

SOURCE ID = VOL53 ; SOURCE TYPE = VOLUME :  
 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 .0000E+00  
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
 .1000E+01 15 .1000E+01 16 .1000E+01  
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL54 ; SOURCE TYPE = VOLUME :  
 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 .0000E+00  
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
 .1000E+01 15 .1000E+01 16 .1000E+01  
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL55 ; SOURCE TYPE = VOLUME :
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL56 ; SOURCE TYPE = VOLUME :
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL57 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL58 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL59 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL60 ; SOURCE TYPE = VOLUME :  
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL61 ; SOURCE TYPE = VOLUME :
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL62 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL63 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14

.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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

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

SOURCE ID = VOL64 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL65 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL66 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL67 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL68 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL69 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL70 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000001 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000002 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000003 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000004 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00



DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000005 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000006 ; SOURCE TYPE = VOLUME :  
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	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000007 ; SOURCE TYPE = VOLUME :

SCALAR	HOURLY	SCALAR	HOURLY	SCALAR	HOURLY	SCALAR	HOURLY	SCALAR	HOURLY	SCALAR	HOURLY
--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------

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	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000008 ; SOURCE TYPE = VOLUME :  
 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 .0000E+00  
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
 .1000E+01 15 .1000E+01 16 .1000E+01  
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000009 ; SOURCE TYPE = VOLUME :  
 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 .0000E+00  
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
 .1000E+01 15 .1000E+01 16 .1000E+01  
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

.0000E+00 23 .0000E+00 24 .0000E+00  
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Haven\AQIA\14822 Ops \*\*\* 10/19/22  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

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

SOURCE ID = L0000010 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Haven\AQIA\14822 Ops \*\*\* 10/19/22  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

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

SOURCE ID = L0000011 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000012 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000013 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14

.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000014 ; SOURCE TYPE = VOLUME :

HR 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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000015 ; SOURCE TYPE = VOLUME :

HRAS  
Haven\AQIA\14822 Ops

HRAS	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	
.0000E+00	7	.0000E+00	8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00
.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	
.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
.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	
.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

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

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

SOURCE ID = L0000016 ; SOURCE TYPE = VOLUME :

HRAS	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	
.0000E+00	7	.0000E+00	8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00
.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	
.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
.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	
.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

HRAS  
Haven\AQIA\14822 Ops

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

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

SOURCE ID = L0000017 ; SOURCE TYPE = VOLUME :
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000018 ; SOURCE TYPE = VOLUME :
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00



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

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

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

SOURCE ID = L0000019 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000020 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000021 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000022 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000023 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK

(HRDOW) \*

SOURCE ID = L0000024 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000025 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000026 ; SOURCE TYPE = VOLUME :

Hourly scalar emission rates for source L0000026, showing values for hours 1 through 24.

DAY OF WEEK = WEEKDAY

Hourly scalar emission rates for Weekdays (Days 1-24). Values range from 0.0000E+00 to 0.1000E+01.

DAY OF WEEK = SATURDAY

Hourly scalar emission rates for Saturdays (Days 1-24). All values are 0.0000E+00.

DAY OF WEEK = SUNDAY

Hourly scalar emission rates for Sundays (Days 1-24). All values are 0.0000E+00.

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

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

SOURCE ID = L0000027 ; SOURCE TYPE = VOLUME :

Hourly scalar emission rates for source L0000027, showing values for hours 1 through 24.

DAY OF WEEK = WEEKDAY

Hourly scalar emission rates for Weekdays (Days 1-24). Values range from 0.0000E+00 to 0.1000E+01.

DAY OF WEEK = SATURDAY

Hourly scalar emission rates for Saturdays (Days 1-24). All values are 0.0000E+00.

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000028 ; SOURCE TYPE = VOLUME :  
 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	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000029 ; SOURCE TYPE = VOLUME :  
 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	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	

.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000030 ; SOURCE TYPE = VOLUME :
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000031 ; SOURCE TYPE = VOLUME :
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000032 ; SOURCE TYPE = VOLUME :
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000033 ; SOURCE TYPE = VOLUME :

Hourly scalar values for Weekday, Saturday, and Sunday.

DAY OF WEEK = WEEKDAY

Hourly scalar values for Weekday (Days 1-7).

DAY OF WEEK = SATURDAY

Hourly scalar values for Saturday (Days 8-14).

DAY OF WEEK = SUNDAY

Hourly scalar values for Sunday (Days 15-21).

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

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

SOURCE ID = L0000034 ; SOURCE TYPE = VOLUME :

Hourly scalar values for Weekday, Saturday, and Sunday.

DAY OF WEEK = WEEKDAY

Hourly scalar values for Weekday (Days 1-7).

DAY OF WEEK = SATURDAY

Hourly scalar values for Saturday (Days 8-14).

DAY OF WEEK = SUNDAY

Hourly scalar values for Sunday (Days 15-21).

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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

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

SOURCE ID = L0000035 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000036 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14

.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000037 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000038 ; SOURCE TYPE = VOLUME :  
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 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000039 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000040 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000041 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000042 ; SOURCE TYPE = VOLUME :
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000043 ; SOURCE TYPE = VOLUME :
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6

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

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

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

SOURCE ID = L0000044 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000045 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000046 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Haven\AQIA\14822 Ops \*\*\* 10/19/22

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

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

SOURCE ID = L0000047 ; SOURCE TYPE = VOLUME :  
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Haven\AQIA\14822 Ops \*\*\* 10/19/22

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

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

SOURCE ID = L0000048 ; SOURCE TYPE = VOLUME :
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000049 ; SOURCE TYPE = VOLUME :  
 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 .0000E+00  
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
 .1000E+01 15 .1000E+01 16 .1000E+01  
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000050 ; SOURCE TYPE = VOLUME :  
 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 .0000E+00  
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
 .1000E+01 15 .1000E+01 16 .1000E+01  
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000051 ; SOURCE TYPE = VOLUME :
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000052 ; SOURCE TYPE = VOLUME :
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000053 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000054 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000055 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Haven\AQIA\14822 Ops \*\*\* 10/19/22

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

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

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

SOURCE ID = L0000055 ; SOURCE TYPE = VOLUME :  
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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\*\*\* 13:48:15

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

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

SOURCE ID = L0000057 ; SOURCE TYPE = VOLUME :
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Haven\AQIA\14822 Ops \*\*\* 10/19/22
\*\*\* AERMET - VERSION 16216 \*\*\*
\*\*\* 13:48:15

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

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

SOURCE ID = L0000058 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY 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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

\*\*\* 13:48:15

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

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

SOURCE ID = L0000059 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY 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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14

.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Haven\AQIA\14822 Ops \*\*\* 10/19/22  
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\*\*\* 13:48:15

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

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

SOURCE ID = L0000060 ; SOURCE TYPE = VOLUME :

SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
--------	-------	--------	-------	--------	-------	--------	-------	--------	-------

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	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000061 ; SOURCE TYPE = VOLUME :

SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
--------	-------	--------	-------	--------	-------	--------	-------	--------	-------

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	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						



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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000062 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000063 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000064 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000065 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000066 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000067 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

( 447362.2, 3764292.7, 240.7, 240.7, 0.0); ( 447376.0, 3764151.0,  
239.6, 239.6, 0.0);  
( 447389.8, 3764043.0, 237.8, 237.8, 0.0); ( 447450.2, 3764031.0,  
237.5, 237.5, 0.0);  
( 447410.2, 3764019.0, 237.5, 237.5, 0.0); ( 446891.9, 3764451.2,  
241.5, 241.5, 0.0);  
( 446959.3, 3764451.2, 241.5, 241.5, 0.0); ( 446995.3, 3764468.1,  
241.8, 241.8, 0.0);  
( 447007.4, 3764467.3, 241.9, 241.9, 0.0); ( 447023.5, 3764466.1,  
241.9, 241.9, 0.0);  
( 447036.6, 3764466.2, 241.9, 241.9, 0.0); ( 447052.7, 3764465.6,  
242.0, 242.0, 0.0);  
( 447066.6, 3764465.7, 242.1, 242.1, 0.0); ( 447099.6, 3764456.2,  
242.1, 242.1, 0.0);  
( 447145.3, 3764468.3, 242.1, 242.1, 0.0); ( 447175.5, 3764468.0,  
241.7, 241.7, 0.0);  
( 447205.3, 3764468.3, 241.3, 241.3, 0.0); ( 447232.4, 3764467.5,  
242.0, 242.0, 0.0);  
( 447264.0, 3764467.3, 243.3, 243.3, 0.0); ( 447294.8, 3764466.9,

243.8,	243.8,	0.0);				
( 447365.0,	3764456.4,	243.3,	243.3,	0.0);	( 447406.6,	3764460.6,
243.1,	243.1,	0.0);				
( 447441.5,	3764460.0,	243.2,	243.2,	0.0);	( 447466.9,	3764460.2,
243.2,	243.2,	0.0);				
( 447490.0,	3764460.6,	242.9,	242.9,	0.0);	( 447515.5,	3764460.4,
242.6,	242.6,	0.0);				
( 447573.1,	3764454.3,	241.6,	241.6,	0.0);	( 447598.5,	3764445.2,
241.8,	241.8,	0.0);				
( 447652.9,	3764439.7,	243.1,	243.1,	0.0);	( 447692.9,	3764439.5,
243.1,	243.1,	0.0);				
( 447713.8,	3764439.1,	243.1,	243.1,	0.0);	( 447732.0,	3764438.7,
243.2,	243.2,	0.0);				
( 447751.1,	3764438.7,	243.3,	243.3,	0.0);	( 447768.8,	3764437.5,
243.4,	243.4,	0.0);				
( 447789.1,	3764437.7,	243.7,	243.7,	0.0);	( 447805.7,	3764437.3,
243.8,	243.8,	0.0);				
( 447824.0,	3764437.2,	243.9,	243.9,	0.0);	( 447841.6,	3764437.9,
243.9,	243.9,	0.0);				
( 447861.7,	3764437.5,	243.9,	243.9,	0.0);	( 447881.7,	3764435.2,
243.8,	243.8,	0.0);				
( 447902.8,	3764436.2,	243.8,	243.8,	0.0);	( 447920.9,	3764435.3,
243.8,	243.8,	0.0);				
( 447942.2,	3764435.3,	243.8,	243.8,	0.0);	( 447962.8,	3764434.8,
243.8,	243.8,	0.0);				
( 447980.7,	3764435.2,	243.8,	243.8,	0.0);	( 448004.7,	3764435.2,
243.6,	243.6,	0.0);				
( 448021.2,	3764434.7,	243.0,	243.0,	0.0);	( 447662.7,	3764379.6,
243.6,	243.6,	0.0);				
( 447681.3,	3764321.0,	243.4,	243.4,	0.0);	( 447682.6,	3764285.8,
242.3,	242.3,	0.0);				
( 447662.5,	3764238.4,	241.1,	241.1,	0.0);	( 447661.7,	3764207.4,
240.2,	240.2,	0.0);				
( 447683.1,	3764162.3,	239.1,	239.1,	0.0);	( 447681.0,	3764145.9,
238.7,	238.7,	0.0);				
( 447679.6,	3764130.3,	238.2,	238.2,	0.0);	( 447680.8,	3764112.0,
237.8,	237.8,	0.0);				
( 447681.5,	3764096.4,	237.6,	237.6,	0.0);	( 447680.8,	3764078.8,
237.4,	237.4,	0.0);				
( 447680.0,	3764064.3,	237.4,	237.4,	0.0);	( 447681.0,	3764045.8,
237.5,	237.5,	0.0);				
( 447680.6,	3764029.7,	237.5,	237.5,	0.0);	( 447657.2,	3763992.0,
237.3,	237.3,	0.0);				
( 447656.3,	3763967.1,	237.5,	237.5,	0.0);	( 447657.2,	3763928.7,
237.5,	237.5,	0.0);				
( 447657.2,	3763902.2,	237.6,	237.6,	0.0);	( 447657.5,	3763869.0,
237.3,	237.3,	0.0);				
( 447656.2,	3763834.9,	237.4,	237.4,	0.0);	( 447655.9,	3763808.3,
237.5,	237.5,	0.0);				
( 447657.1,	3763786.0,	237.6,	237.6,	0.0);	( 447701.2,	3763782.1,
237.7,	237.7,	0.0);				
( 447856.9,	3763749.7,	236.2,	236.2,	0.0);	( 447855.0,	3763730.1,
236.0,	236.0,	0.0);				
( 447854.3,	3763698.3,	235.6,	235.6,	0.0);	( 447855.3,	3763676.8,
235.4,	235.4,	0.0);				
( 447675.5,	3763287.5,	232.0,	232.0,	0.0);	( 448481.3,	3763485.3,
235.6,	235.6,	0.0);				
( 448480.0,	3763195.5,	232.0,	232.0,	0.0);	( 448478.6,	3762907.2,
229.4,	229.4,	0.0);				
( 448497.9,	3762714.1,	228.1,	228.1,	0.0);	( 448507.9,	3762487.7,
225.8,	225.8,	0.0);				
( 448480.5,	3762358.0,	224.8,	224.8,	0.0);	( 448462.7,	3762339.8,
224.6,	224.6,	0.0);				
( 448464.5,	3762265.9,	223.3,	223.3,	0.0);	( 448461.6,	3762165.2,
222.0,	222.0,	0.0);				
( 448472.6,	3762064.7,	220.0,	220.0,	0.0);	( 448460.5,	3762016.7,

219.4, 219.4, 0.0);  
( 448234.6, 3761951.2, 220.0, 220.0, 0.0); ( 448081.4, 3761952.8,  
220.9, 220.9, 0.0);  
( 448025.5, 3761956.0, 221.0, 221.0, 0.0); ( 447506.8, 3761967.6,  
220.0, 220.0, 0.0);

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Haven\AQIA\14822 Ops \*\*\* 10/19/22  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

( 447269.3, 3761967.7, 219.7, 219.7, 0.0); ( 447389.5, 3761908.8,  
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( 447019.1, 3761964.3, 219.0, 219.0, 0.0); ( 447060.3, 3761963.6,  
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( 446975.3, 3761963.2, 219.0, 219.0, 0.0); ( 446940.9, 3761953.8,  
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( 446865.7, 3761974.5, 219.9, 219.9, 0.0); ( 446795.1, 3761957.9,  
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( 446757.6, 3761965.8, 220.0, 220.0, 0.0); ( 446709.3, 3761967.7,  
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( 446796.4, 3762028.6, 220.0, 220.0, 0.0); ( 446797.0, 3762045.3,  
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( 446796.7, 3762089.5, 221.0, 221.0, 0.0); ( 446796.1, 3762105.9,  
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( 446796.7, 3762137.3, 221.0, 221.0, 0.0); ( 446796.1, 3762153.4,  
221.0, 221.0, 0.0);  
( 446772.4, 3762215.4, 221.6, 221.6, 0.0); ( 446795.1, 3762321.0,  
222.0, 222.0, 0.0);  
( 446796.4, 3762451.0, 224.0, 224.0, 0.0); ( 446796.4, 3762471.2,  
224.4, 224.4, 0.0);  
( 446797.2, 3762496.0, 224.9, 224.9, 0.0); ( 446798.1, 3762516.5,  
225.3, 225.3, 0.0);  
( 446797.8, 3762540.0, 225.7, 225.7, 0.0); ( 446797.5, 3762560.2,  
225.9, 225.9, 0.0);  
( 446798.6, 3762584.8, 226.1, 226.1, 0.0); ( 446798.1, 3762604.4,  
226.5, 226.5, 0.0);  
( 446799.7, 3762654.1, 227.5, 227.5, 0.0); ( 446800.0, 3762674.6,  
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( 446800.2, 3762700.2, 228.5, 228.5, 0.0); ( 446800.2, 3762721.3,  
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( 446800.0, 3762735.7, 228.6, 228.6, 0.0); ( 446797.8, 3762748.0,  
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( 446802.2, 3762913.5, 228.3, 228.3, 0.0); ( 446802.2, 3762932.6,  
228.3, 228.3, 0.0);  
( 446802.4, 3762949.2, 228.3, 228.3, 0.0); ( 446803.0, 3762967.3,  
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( 446802.7, 3762986.1, 228.4, 228.4, 0.0); ( 446802.2, 3763003.3,  
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( 446802.2, 3763021.9, 228.8, 228.8, 0.0); ( 446802.7, 3763040.7,  
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( 446803.0, 3763059.3, 229.2, 229.2, 0.0); ( 446803.5, 3763077.0,  
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( 446756.3, 3763085.3, 228.7, 228.7, 0.0); ( 446807.7, 3763646.4,  
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( 446808.3, 3763674.7, 234.8, 234.8, 0.0); ( 446807.7, 3763694.6,  
234.9, 234.9, 0.0);  
( 446808.3, 3763710.6, 235.0, 235.0, 0.0); ( 446808.3, 3763726.4,  
235.0, 235.0, 0.0);  
( 446808.0, 3763742.1, 235.0, 235.0, 0.0); ( 446808.3, 3763756.9,

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235.0,      235.0,      0.0);
( 446808.6, 3763798.3,    235.3,    235.3,    0.0);      ( 446810.2, 3764484.1,
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( 446781.3, 3764475.1,    241.7,    241.7,    0.0);      ( 446722.6, 3764455.8,
241.4,      241.4,      0.0);
( 446170.3, 3764559.8,    242.5,    242.5,    0.0);      ( 446872.3, 3763190.3,
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( 446925.2, 3763179.2,    231.6,    231.6,    0.0);      ( 446984.9, 3763194.9,
231.4,      231.4,      0.0);
( 447010.6, 3763193.3,    231.7,    231.7,    0.0);      ( 447036.6, 3763193.6,
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( 447053.6, 3763193.3,    231.7,    231.7,    0.0);      ( 447076.4, 3763192.3,
231.8,      231.8,      0.0);
( 447093.5, 3763192.6,    231.9,    231.9,    0.0);      ( 447122.0, 3763192.6,
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( 447138.8, 3763192.3,    231.7,    231.7,    0.0);      ( 447168.0, 3763192.3,
231.6,      231.6,      0.0);
( 447170.7, 3763172.2,    231.4,    231.4,    0.0);      ( 447170.4, 3763158.2,
231.2,      231.2,      0.0);
( 447169.3, 3763144.9,    231.2,    231.2,    0.0);      ( 447147.5, 3763107.4,
231.5,      231.5,      0.0);
( 447146.6, 3763084.2,    231.4,    231.4,    0.0);      ( 447146.9, 3763064.3,
231.1,      231.1,      0.0);
( 447149.9, 3763038.9,    230.8,    230.8,    0.0);      ( 447148.6, 3763019.8,
230.6,      230.6,      0.0);
( 447148.6, 3762997.4,    230.2,    230.2,    0.0);      ( 447206.1, 3762958.5,
229.5,      229.5,      0.0);
( 447209.3, 3762922.5,    229.1,    229.1,    0.0);      ( 447208.4, 3762890.7,
228.9,      228.9,      0.0);
( 447145.8, 3762888.9,    228.9,    228.9,    0.0);      ( 447122.5, 3762889.1,
228.9,      228.9,      0.0);
( 447094.3, 3762890.0,    228.9,    228.9,    0.0);      ( 447071.0, 3762890.4,
229.0,      229.0,      0.0);
( 447043.6, 3762889.7,    228.9,    228.9,    0.0);      ( 447017.8, 3762888.9,
228.9,      228.9,      0.0);
( 446992.1, 3762889.1,    228.9,    228.9,    0.0);      ( 446964.3, 3762888.3,
228.9,      228.9,      0.0);
( 446940.4, 3762888.5,    228.8,    228.8,    0.0);      ( 446911.2, 3762888.1,
228.6,      228.6,      0.0);
( 446885.3, 3762889.7,    228.6,    228.6,    0.0);      ( 446862.1, 3762888.9,
228.6,      228.6,      0.0);

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Haven\AQIA\14822 Ops ***      10/19/22

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*** AERMET - VERSION 16216 ***
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*** MODELOPTs:      RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

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( 446871.5, 3762779.6,    228.6,    228.6,    0.0);      ( 446926.3, 3762768.7,
228.6,      228.6,      0.0);
( 446983.7, 3762774.2,    228.6,    228.6,    0.0);      ( 447009.0, 3762774.0,
228.5,      228.5,      0.0);
( 447030.5, 3762774.4,    228.2,    228.2,    0.0);      ( 447055.4, 3762774.0,
228.0,      228.0,      0.0);
( 447076.9, 3762774.2,    228.1,    228.1,    0.0);      ( 447101.2, 3762774.4,
228.3,      228.3,      0.0);
( 447123.8, 3762774.0,    228.3,    228.3,    0.0);      ( 447148.1, 3762775.0,
228.4,      228.4,      0.0);
( 447170.2, 3762774.8,    228.5,    228.5,    0.0);      ( 447196.8, 3762775.5,
228.5,      228.5,      0.0);
( 447242.1, 3762776.6,    228.5,    228.5,    0.0);      ( 447262.3, 3762776.0,

```





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

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

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

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

Surface file:

KONT\_V9\_ADJU\KONT\_v9.SFC

Met

Version: 16216

Profile file:

KONT\_V9\_ADJU\KONT\_v9.PFL

Surface format:

FREE

Profile format:

FREE

Surface station no.: 3102

Upper air station no.: 3190

Name: UNKNOWN

Name:

UNKNOWN

Year: 2012

Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0	BOWEN	ALBEDO	REF	WS
WD	HT	REF	TA	HT													
12	01	01	1	01	-16.4	0.171	-9.000	-9.000	-999.	170.	32.3	0.09	1.12	1.00	2.03		
43.	7.9	285.9	2.0														
12	01	01	1	02	-18.8	0.194	-9.000	-9.000	-999.	205.	41.3	0.09	1.12	1.00	2.28		
34.	7.9	285.4	2.0														
12	01	01	1	03	-17.8	0.182	-9.000	-9.000	-999.	187.	36.5	0.09	1.12	1.00	2.15		
24.	7.9	282.0	2.0														
12	01	01	1	04	-9.4	0.128	-9.000	-9.000	-999.	110.	19.6	0.09	1.12	1.00	1.55		
41.	7.9	283.1	2.0														
12	01	01	1	05	-16.9	0.173	-9.000	-9.000	-999.	173.	33.0	0.09	1.12	1.00	2.05		
39.	7.9	280.4	2.0														
12	01	01	1	06	-8.0	0.117	-9.000	-9.000	-999.	97.	17.8	0.09	1.12	1.00	1.43		
21.	7.9	282.0	2.0														
12	01	01	1	07	-7.6	0.115	-9.000	-9.000	-999.	93.	17.4	0.09	1.12	1.00	1.40		
31.	7.9	282.5	2.0														
12	01	01	1	08	-13.6	0.184	-9.000	-9.000	-999.	190.	40.5	0.09	1.12	0.54	2.16		
34.	7.9	284.2	2.0														
12	01	01	1	09	28.4	0.126	0.300	0.011	33.	108.	-6.2	0.09	1.12	0.32	1.03		
29.	7.9	289.2	2.0														
12	01	01	1	10	79.8	0.133	0.607	0.010	99.	116.	-2.6	0.09	1.12	0.25	0.94		
173.	7.9	292.5	2.0														
12	01	01	1	11	115.8	0.137	0.932	0.006	246.	121.	-2.0	0.09	1.12	0.22	0.92		
172.	7.9	295.4	2.0														
12	01	01	1	12	133.7	0.139	1.197	0.005	453.	125.	-1.8	0.09	1.12	0.21	0.92		
146.	7.9	297.5	2.0														
12	01	01	1	13	133.2	0.160	1.354	0.005	657.	153.	-2.7	0.09	1.12	0.21	1.14		
117.	7.9	299.9	2.0														
12	01	01	1	14	113.5	0.159	1.454	0.005	955.	151.	-3.1	0.09	1.12	0.23	1.16		
285.	7.9	300.9	2.0														
12	01	01	1	15	76.2	0.166	1.350	0.005	1138.	163.	-5.3	0.09	1.12	0.26	1.33		

72.	7.9	302.0	2.0											
12 01 01	1 16	23.5	0.175	0.925	0.005	1183.	175.	-19.9	0.09	1.12	0.35	1.65		
107.	7.9	301.4	2.0											
12 01 01	1 17	-6.1	0.107	-9.000	-9.000	-999.	86.	18.0	0.09	1.12	0.63	1.31		
107.	7.9	298.1	2.0											
12 01 01	1 18	-11.1	0.141	-9.000	-9.000	-999.	127.	22.1	0.09	1.12	1.00	1.69		
86.	7.9	293.1	2.0											
12 01 01	1 19	-3.2	0.076	-9.000	-9.000	-999.	51.	11.8	0.09	1.12	1.00	0.91		
64.	7.9	292.0	2.0											
12 01 01	1 20	-2.3	0.066	-9.000	-9.000	-999.	41.	11.2	0.09	1.12	1.00	0.74		
73.	7.9	288.8	2.0											
12 01 01	1 21	-10.0	0.133	-9.000	-9.000	-999.	116.	20.5	0.09	1.12	1.00	1.60		
14.	7.9	288.1	2.0											
12 01 01	1 22	-19.4	0.201	-9.000	-9.000	-999.	216.	44.5	0.09	1.12	1.00	2.36		
22.	7.9	287.5	2.0											
12 01 01	1 23	-23.7	0.246	-9.000	-9.000	-999.	293.	66.5	0.09	1.12	1.00	2.86		
40.	7.9	287.0	2.0											
12 01 01	1 24	-12.3	0.147	-9.000	-9.000	-999.	139.	23.8	0.09	1.12	1.00	1.76		
40.	7.9	283.8	2.0											

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	7.9	1	43.	2.03	286.0	99.0	-99.00	-99.00

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

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

\*\*\* THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S):		VOL1	VOL2	
VOL3	, VOL4	, VOL5	, VOL6	, VOL7
VOL8	, VOL9	, VOL10	, VOL11	, VOL12
VOL13	, VOL14	, VOL15	, VOL16	, VOL17
VOL18	, VOL19	, VOL20	, VOL21	, VOL22
VOL23	, VOL24	, VOL25	, VOL26	, VOL27
VOL28	, . . .			

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
447362.21	3764292.67	0.00131	447375.98	
3764150.98	0.00137			
447389.75	3764043.04	0.00152	447450.16	
3764031.05	0.00141			
447410.18	3764019.05	0.00156	446891.90	
3764451.22	0.00054			
446959.28	3764451.22	0.00086	446995.28	
3764468.13	0.00076			
447007.41	3764467.30	0.00080	447023.51	
3764466.09	0.00084			
447036.59	3764466.21	0.00086	447052.68	
3764465.61	0.00089			

447066.60	3764465.73	0.00090	447099.65
3764456.17	0.00106		
447145.28	3764468.27	0.00100	447175.54
3764468.03	0.00104		
447205.32	3764468.27	0.00104	447232.43
3764467.55	0.00102		
447264.02	3764467.30	0.00097	447294.77
3764466.94	0.00092		
447364.97	3764456.41	0.00083	447406.61
3764460.65	0.00074		
447441.47	3764460.04	0.00069	447466.88
3764460.20	0.00066		
447490.00	3764460.56	0.00063	447515.50
3764460.40	0.00060		
447573.06	3764454.29	0.00056	447598.49
3764445.22	0.00055		
447652.90	3764439.70	0.00051	447692.92
3764439.51	0.00049		
447713.82	3764439.11	0.00048	447731.95
3764438.72	0.00047		
447751.07	3764438.72	0.00046	447768.82
3764437.53	0.00045		
447789.12	3764437.73	0.00044	447805.68
3764437.34	0.00044		
447824.02	3764437.20	0.00043	447841.61
3764437.87	0.00043		
447861.72	3764437.53	0.00042	447881.66
3764435.18	0.00041		
447902.78	3764436.19	0.00041	447920.87
3764435.35	0.00040		
447942.16	3764435.35	0.00040	447962.77
3764434.85	0.00039		
447980.70	3764435.18	0.00039	448004.66
3764435.18	0.00038		
448021.25	3764434.68	0.00038	447662.70
3764379.63	0.00056		
447681.30	3764320.98	0.00059	447682.64
3764285.79	0.00062		
447662.53	3764238.37	0.00068	447661.70
3764207.37	0.00072		
447683.14	3764162.29	0.00076	447680.97
3764145.87	0.00079		
447679.63	3764130.28	0.00082	447680.80
3764112.02	0.00086		
447681.47	3764096.43	0.00089	447680.80
3764078.84	0.00094		
447679.96	3764064.26	0.00098	447680.97
3764045.82	0.00104		
447680.63	3764029.74	0.00110	447657.17
3763992.03	0.00133		
447656.33	3763967.06	0.00151	447657.17
3763928.69	0.00188		
447657.17	3763902.21	0.00223	447657.51
3763869.03	0.00269		
447656.16	3763834.94	0.00308	447655.93
3763808.27	0.00318		
447657.09	3763786.00	0.00311	447701.21
3763782.14	0.00232		
447856.92	3763749.71	0.00126	447854.99
3763730.13	0.00127		
447854.35	3763698.35	0.00126	447855.31
3763676.84	0.00126		
447675.51	3763287.46	0.00265	448481.33
3763485.29	0.00050		
448479.95	3763195.53	0.00061	448478.56
3762907.16	0.00130		

448497.89 3762714.10 0.00242 448507.91  
3762487.71 0.00561

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\14822 Rich Haven\AQIA\14822 Ops \*\*\* 10/19/22

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

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13:48:15

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

\*\*\* THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): VOL1 , VOL2 ,  
VOL3 , VOL4 , VOL5  
VOL6 , VOL7 , VOL8 , VOL9 , VOL10 ,  
VOL11 , VOL12 , VOL13 ,  
VOL14 , VOL15 , VOL16 , VOL17 , VOL18 ,  
VOL19 , VOL20 , VOL21 ,  
VOL22 , VOL23 , VOL24 , VOL25 , VOL26 ,  
VOL27 , VOL28 , . . . ,

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

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

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

-----  
448480.49 3762357.96 0.00729 448462.73  
3762339.82 0.00570  
448464.47 3762265.93 0.00382 448461.57  
3762165.17 0.00302  
448472.57 3762064.71 0.00149 448460.48  
3762016.72 0.00102  
448234.63 3761951.18 0.00089 448081.42  
3761952.78 0.00098  
448025.53 3761955.99 0.00102 447506.75  
3761967.63 0.00110  
447269.29 3761967.74 0.00106 447389.46  
3761908.79 0.00068  
447019.14 3761964.34 0.00085 447060.33  
3761963.58 0.00088  
446975.31 3761963.20 0.00079 446940.92  
3761953.76 0.00068  
446865.72 3761974.54 0.00065 446795.06  
3761957.91 0.00044  
446757.65 3761965.85 0.00039 446709.33  
3761967.74 0.00033  
446796.42 3762028.62 0.00063 446796.97  
3762045.28 0.00068  
446796.70 3762089.51 0.00079 446796.15  
3762105.89 0.00083  
446796.70 3762137.29 0.00088 446796.15  
3762153.39 0.00090  
446772.40 3762215.37 0.00074 446795.06  
3762321.03 0.00084  
446796.42 3762450.98 0.00049 446796.42  
3762471.18 0.00045  
446797.24 3762496.03 0.00041 446798.06  
3762516.51 0.00039  
446797.79 3762539.98 0.00036 446797.52  
3762560.19 0.00035  
446798.61 3762584.76 0.00033 446798.06  
3762604.42 0.00032

446799.70	3762654.11	0.00030	446799.97
3762674.58	0.00029		
446800.25	3762700.25	0.00029	446800.25
3762721.27	0.00029		
446799.97	3762735.74	0.00028	446797.79
3762748.02	0.00028		
446802.16	3762913.47	0.00029	446802.16
3762932.58	0.00030		
446802.43	3762949.24	0.00030	446802.98
3762967.26	0.00031		
446802.70	3762986.09	0.00032	446802.16
3763003.29	0.00032		
446802.16	3763021.86	0.00033	446802.70
3763040.70	0.00034		
446802.98	3763059.26	0.00035	446803.52
3763077.01	0.00037		
446756.29	3763085.26	0.00034	446807.68
3763646.39	0.00099		
446808.32	3763674.66	0.00100	446807.68
3763694.57	0.00099		
446808.32	3763710.63	0.00099	446808.32
3763726.37	0.00098		
446808.00	3763742.11	0.00097	446808.32
3763756.89	0.00098		
446808.64	3763798.32	0.00097	446810.25
3764484.08	0.00029		
446781.34	3764475.08	0.00027	446722.56
3764455.81	0.00023		
446170.32	3764559.79	0.00009	446872.29
3763190.26	0.00074		
446925.22	3763179.19	0.00079	446984.86
3763194.88	0.00105		
447010.56	3763193.28	0.00105	447036.58
3763193.60	0.00109		
447053.61	3763193.28	0.00112	447076.42
3763192.31	0.00117		
447093.45	3763192.63	0.00122	447122.05
3763192.63	0.00129		
447138.75	3763192.31	0.00133	447167.99
3763192.31	0.00143		
447170.68	3763172.18	0.00126	447170.41
3763158.25	0.00118		
447169.31	3763144.87	0.00113	447147.46
3763107.45	0.00092		

FF \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\14822 Rich Haven\AQIA\14822 Ops \*\*\* 10/19/22

\*\*\* AERMET - VERSION 16216 \*\*\*  
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\*\*\* 13:48:15

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

\*\*\* THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL \*\*\*

	INCLUDING SOURCE(S):	VOL1	, VOL2	,	
	VOL3	, VOL4	, VOL5	,	
VOL6	, VOL7	, VOL8	, VOL9	, VOL10	,
VOL11	, VOL12	, VOL13	,		
VOL14	, VOL15	, VOL16	, VOL17	, VOL18	,
VOL19	, VOL20	, VOL21	,		
VOL22	, VOL23	, VOL24	, VOL25	, VOL26	,
VOL27	, VOL28	, . . .	,		

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

\*\* CONC OF DPM IN

MICROGRAMS/M\*\*3

\*\*

X-COORD (M) (M)	Y-COORD (M) CONC	CONC	X-COORD (M)	Y-COORD
447146.64	3763084.24	0.00088	447146.92	
3763064.30	0.00085			
447149.92	3763038.90	0.00082	447148.56	
3763019.78	0.00079			
447148.56	3762997.39	0.00076	447206.08	
3762958.49	0.00100			
447209.33	3762922.51	0.00102	447208.40	
3762890.70	0.00100			
447145.83	3762888.87	0.00067	447122.55	
3762889.07	0.00061			
447094.33	3762890.05	0.00055	447071.04	
3762890.45	0.00051			
447043.61	3762889.66	0.00047	447017.76	
3762888.87	0.00044			
446992.11	3762889.07	0.00041	446964.28	
3762888.28	0.00039			
446940.41	3762888.47	0.00037	446911.20	
3762888.08	0.00035			
446885.35	3762889.66	0.00033	446862.07	
3762888.87	0.00032			
446871.45	3762779.57	0.00032	446926.31	
3762768.72	0.00035			
446983.74	3762774.24	0.00040	447009.00	
3762774.05	0.00042			
447030.51	3762774.44	0.00044	447055.37	
3762774.05	0.00047			
447076.88	3762774.24	0.00050	447101.16	
3762774.44	0.00053			
447123.85	3762774.05	0.00057	447148.12	
3762775.03	0.00061			
447170.23	3762774.84	0.00066	447196.78	
3762775.48	0.00073			
447242.12	3762776.57	0.00089	447262.33	
3762776.03	0.00097			
447294.56	3762776.30	0.00114	447313.13	
3762775.48	0.00124			
447313.40	3762749.53	0.00119	447327.86	
3762713.09	0.00136			
447327.36	3762679.87	0.00137	447327.74	
3762657.02	0.00136			
447327.28	3762636.82	0.00135	447327.51	
3762612.90	0.00139			
447327.28	3762592.24	0.00145	447327.04	
3762569.71	0.00157			
447327.28	3762547.89	0.00172	447326.58	
3762524.67	0.00188			
447326.58	3762506.09	0.00202	447327.51	
3762477.53	0.00229			
447325.88	3762454.31	0.00259	447225.58	
3762432.95	0.00249			
447200.27	3762430.63	0.00249	447156.85	
3762430.16	0.00255			
447131.77	3762430.86	0.00253	447102.74	
3762430.63	0.00240			
447079.06	3762430.86	0.00219	447034.94	
3762433.65	0.00186			
446995.47	3762433.65	0.00178	446972.71	
3762434.34	0.00173			
446941.37	3762434.58	0.00158	446916.06	
3762436.90	0.00128			

```

446876.35    3762436.90    0.00091    446848.85
3762647.05    0.00033
446848.85    3762563.17    0.00039    446849.17
3762509.82    0.00047
446849.17    3762455.82    0.00063    446848.85
3762702.00    0.00031
446849.49    3762754.71
0.00031

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*** AERMOD - VERSION 22112 ***    *** C:\Users\Michael Tirohn\Desktop\HRAs\14822 Rich
Haven\AQIA\14822 Ops ***    10/19/22

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*** AERMET - VERSION 16216 ***
***                                     ***    13:48:15

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

\*\*\* THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER 5 YEARS \*\*\*

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

NETWORK

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

```

-----
ALL      1ST HIGHEST VALUE IS    0.00729 AT ( 448480.49, 3762357.96, 224.76,
224.76, 0.00) DC
      2ND HIGHEST VALUE IS    0.00570 AT ( 448462.73, 3762339.82, 224.57,
224.57, 0.00) DC
      3RD HIGHEST VALUE IS    0.00561 AT ( 448507.91, 3762487.71, 225.77,
225.77, 0.00) DC
      4TH HIGHEST VALUE IS    0.00382 AT ( 448464.47, 3762265.93, 223.32,
223.32, 0.00) DC
      5TH HIGHEST VALUE IS    0.00318 AT ( 447655.93, 3763808.27, 237.51,
237.51, 0.00) DC
      6TH HIGHEST VALUE IS    0.00311 AT ( 447657.09, 3763786.00, 237.62,
237.62, 0.00) DC
      7TH HIGHEST VALUE IS    0.00308 AT ( 447656.16, 3763834.94, 237.37,
237.37, 0.00) DC
      8TH HIGHEST VALUE IS    0.00302 AT ( 448461.57, 3762165.17, 221.96,
221.96, 0.00) DC
      9TH HIGHEST VALUE IS    0.00269 AT ( 447657.51, 3763869.03, 237.32,
237.32, 0.00) DC
      10TH HIGHEST VALUE IS   0.00265 AT ( 447675.51, 3763287.46, 232.04,
232.04, 0.00) DC

```

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

```

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*** AERMOD - VERSION 22112 ***    *** C:\Users\Michael Tirohn\Desktop\HRAs\14822 Rich
Haven\AQIA\14822 Ops ***    10/19/22

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*** AERMET - VERSION 16216 ***
***                                     ***    13:48:15

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

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

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

A Total of 0 Fatal Error Message(s)  
A Total of 2 Warning Message(s)  
A Total of 1628 Informational Message(s)  
  
A Total of 43848 Hours Were Processed  
  
A Total of 1278 Calm Hours Identified  
  
A Total of 350 Missing Hours Identified ( 0.80 Percent)

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

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
ME W186 2215 MEOPEN: THRESH\_1MIN 1-min ASOS wind speed threshold used 0.50  
ME W187 2215 MEOPEN: ADJ\_U\* Option for Stable Low Winds used in AERMET

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



## **Revised HRA Modeling (dated 4/12/23)**

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```

**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.2.0
** Lakes Environmental Software Inc.
** Date: 4/12/2023
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14822 Rich Haven\14822 Construction PER\14822
Construction PER.ADI
**

```

```

*****
**
**
*****
** AERMOD Control Pathway
*****
**
**

```

```

CO STARTING
TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14822 Rich Haven\AQIA\14822 Ops
MODELOPT DFAULT CONC
AVERTIME PERIOD
URBANOPT 2035210 San_Bernardino_County
POLLUTID DPM
RUNORNOT RUN
ERRORFIL "14822 Construction PER.err"

```

```

CO FINISHED
**

```

```

*****
** AERMOD Source Pathway
*****
**
**

```

```

SO STARTING
** Source Location **

```

```

** Source ID - Type - X Coord. - Y Coord. **

```

Source ID	Type	X Coord.	Y Coord.	
LOCATION VOL1	VOLUME	447959.249	3762097.745	222.000
LOCATION VOL2	VOLUME	448134.383	3762098.764	222.370
LOCATION VOL3	VOLUME	447790.254	3762102.860	221.890
LOCATION VOL4	VOLUME	447618.190	3762098.764	221.000
LOCATION VOL5	VOLUME	447446.126	3762100.812	221.000
LOCATION VOL6	VOLUME	447276.110	3762094.667	220.000
LOCATION VOL7	VOLUME	447099.949	3762094.667	219.610
LOCATION VOL8	VOLUME	446929.933	3762096.715	220.000
LOCATION VOL9	VOLUME	448310.544	3762106.957	222.000
LOCATION VOL10	VOLUME	446926.657	3762209.795	221.340
LOCATION VOL11	VOLUME	446924.141	3762324.271	222.230
LOCATION VOL12	VOLUME	447100.259	3762207.279	221.000
LOCATION VOL13	VOLUME	447276.377	3762207.279	221.940
LOCATION VOL14	VOLUME	447447.462	3762207.279	222.000
LOCATION VOL15	VOLUME	447616.032	3762206.021	222.000
LOCATION VOL16	VOLUME	447807.246	3762206.021	222.590
LOCATION VOL17	VOLUME	447959.462	3762206.021	223.000
LOCATION VOL18	VOLUME	448138.096	3762203.505	222.620
LOCATION VOL19	VOLUME	448312.955	3762202.247	222.640
LOCATION VOL20	VOLUME	447100.259	3762325.529	221.990
LOCATION VOL21	VOLUME	447276.377	3762324.271	222.880
LOCATION VOL22	VOLUME	447448.720	3762324.271	222.690
LOCATION VOL23	VOLUME	447616.032	3762326.787	222.680
LOCATION VOL24	VOLUME	447789.634	3762328.045	223.720
LOCATION VOL25	VOLUME	447960.720	3762326.787	224.240
LOCATION VOL26	VOLUME	448135.580	3762328.045	224.450
LOCATION VOL27	VOLUME	448317.987	3762330.561	224.780
LOCATION VOL28	VOLUME	447432.367	3762512.969	225.260
LOCATION VOL29	VOLUME	447621.064	3762512.969	224.500
LOCATION VOL30	VOLUME	447811.020	3762515.485	225.440

LOCATION	VOL	VOLUME	447999.717	3762515.485	225.850
LOCATION VOL32	VOLUME	448189.673	3762514.227	225.730	
LOCATION VOL33	VOLUME	448315.471	3762516.743	226.160	
LOCATION VOL34	VOLUME	448316.729	3762709.214	227.440	
LOCATION VOL35	VOLUME	448189.673	3762707.956	226.400	
LOCATION VOL36	VOLUME	448000.975	3762706.698	227.390	
LOCATION VOL37	VOLUME	447811.020	3762706.698	226.990	
LOCATION VOL38	VOLUME	447621.064	3762704.182	226.620	
LOCATION VOL39	VOLUME	447433.625	3762704.182	227.300	
LOCATION VOL40	VOLUME	447524.199	3762897.912	228.410	
LOCATION VOL41	VOLUME	447329.212	3762897.912	228.720	
LOCATION VOL42	VOLUME	447304.052	3763089.125	231.270	
LOCATION VOL43	VOLUME	447533.005	3763086.609	231.240	
LOCATION VOL44	VOLUME	447433.625	3763086.609	231.240	
LOCATION VOL45	VOLUME	447530.489	3763277.823	232.460	
LOCATION VOL46	VOLUME	447305.310	3763281.597	232.220	
LOCATION VOL47	VOLUME	447419.787	3763282.855	232.560	
LOCATION VOL48	VOLUME	447112.839	3763304.241	231.800	
LOCATION VOL49	VOLUME	446924.141	3763305.499	231.590	
LOCATION VOL50	VOLUME	447533.005	3763469.037	233.480	
LOCATION VOL51	VOLUME	447217.251	3763472.810	233.160	
LOCATION VOL52	VOLUME	447088.937	3763471.553	232.970	
LOCATION VOL53	VOLUME	446925.399	3763474.068	232.580	
LOCATION VOL54	VOLUME	447361.920	3763470.295	233.480	
LOCATION VOL55	VOLUME	447531.738	3763659.534	234.930	
LOCATION VOL56	VOLUME	447533.543	3763806.850	235.550	
LOCATION VOL57	VOLUME	447359.934	3763658.402	234.090	
LOCATION VOL58	VOLUME	447219.034	3763657.144	234.090	
LOCATION VOL59	VOLUME	447090.714	3763659.660	234.540	
LOCATION VOL60	VOLUME	446930.944	3763659.660	234.180	
LOCATION VOL61	VOLUME	447357.418	3763804.334	234.700	
LOCATION VOL62	VOLUME	447219.034	3763804.334	234.880	
LOCATION VOL63	VOLUME	447093.230	3763805.592	235.810	
LOCATION VOL64	VOLUME	446932.202	3763805.592	235.500	
LOCATION VOL65	VOLUME	447133.487	3763996.814	237.440	
LOCATION VOL66	VOLUME	446943.524	3763996.814	237.440	
LOCATION VOL67	VOLUME	447134.745	3764159.100	239.090	
LOCATION VOL68	VOLUME	446944.782	3764159.100	239.980	
LOCATION VOL69	VOLUME	447136.004	3764318.871	241.020	
LOCATION VOL70	VOLUME	446944.782	3764317.613	240.180	

\*\* -----

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE1

\*\* DESCRSRC

\*\* PREFIX

\*\* Length of Side = 14.00

\*\* Configuration = Adjacent

\*\* Emission Rate = 0.0021654378

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 5

\*\* 448415.406, 3762409.748, 225.24, 3.49, 6.51

\*\* 448659.241, 3762398.494, 224.01, 3.49, 6.51

\*\* 448751.148, 3762400.370, 222.22, 3.49, 6.51

\*\* 448929.335, 3762451.012, 223.01, 3.49, 6.51

\*\* 449315.720, 3762593.562, 224.31, 3.49, 6.51

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LOCATION L0000001	VOLUME	448422.398	3762409.425	225.28	
LOCATION L0000002	VOLUME	448436.383	3762408.780	225.27	
LOCATION L0000003	VOLUME	448450.368	3762408.134	225.27	
LOCATION L0000004	VOLUME	448464.354	3762407.489	225.26	
LOCATION L0000005	VOLUME	448478.339	3762406.843	225.25	
LOCATION L0000006	VOLUME	448492.324	3762406.198	225.25	
LOCATION L0000007	VOLUME	448506.309	3762405.552	225.24	
LOCATION L0000008	VOLUME	448520.294	3762404.907	225.23	
LOCATION L0000009	VOLUME	448534.279	3762404.262	225.23	

LOCATION L0000010	VOLUME	448548.264	3762403.616	225.22
LOCATION L0000011	VOLUME	448562.249	3762402.971	225.21
LOCATION L0000012	VOLUME	448576.234	3762402.325	225.27
LOCATION L0000013	VOLUME	448590.220	3762401.680	225.38
LOCATION L0000014	VOLUME	448604.205	3762401.034	225.39
LOCATION L0000015	VOLUME	448618.190	3762400.389	225.20
LOCATION L0000016	VOLUME	448632.175	3762399.743	224.95
LOCATION L0000017	VOLUME	448646.160	3762399.098	224.43
LOCATION L0000018	VOLUME	448660.146	3762398.513	223.93
LOCATION L0000019	VOLUME	448674.143	3762398.798	223.50
LOCATION L0000020	VOLUME	448688.140	3762399.084	223.08
LOCATION L0000021	VOLUME	448702.137	3762399.370	222.76
LOCATION L0000022	VOLUME	448716.134	3762399.655	222.44
LOCATION L0000023	VOLUME	448730.131	3762399.941	222.31
LOCATION L0000024	VOLUME	448744.128	3762400.226	222.23
LOCATION L0000025	VOLUME	448757.861	3762402.278	222.28
LOCATION L0000026	VOLUME	448771.328	3762406.105	222.42
LOCATION L0000027	VOLUME	448784.794	3762409.932	222.56
LOCATION L0000028	VOLUME	448798.261	3762413.760	222.74
LOCATION L0000029	VOLUME	448811.728	3762417.587	222.90
LOCATION L0000030	VOLUME	448825.194	3762421.415	222.80
LOCATION L0000031	VOLUME	448838.661	3762425.242	222.70
LOCATION L0000032	VOLUME	448852.128	3762429.069	222.70
LOCATION L0000033	VOLUME	448865.594	3762432.897	222.74
LOCATION L0000034	VOLUME	448879.061	3762436.724	222.81
LOCATION L0000035	VOLUME	448892.528	3762440.551	222.85
LOCATION L0000036	VOLUME	448905.994	3762444.379	222.89
LOCATION L0000037	VOLUME	448919.461	3762448.206	222.93
LOCATION L0000038	VOLUME	448932.839	3762452.305	222.99
LOCATION L0000039	VOLUME	448945.974	3762457.151	223.14
LOCATION L0000040	VOLUME	448959.108	3762461.997	223.33
LOCATION L0000041	VOLUME	448972.243	3762466.843	223.42
LOCATION L0000042	VOLUME	448985.378	3762471.688	223.47
LOCATION L0000043	VOLUME	448998.512	3762476.534	223.52
LOCATION L0000044	VOLUME	449011.647	3762481.380	223.57
LOCATION L0000045	VOLUME	449024.782	3762486.226	223.67
LOCATION L0000046	VOLUME	449037.916	3762491.071	223.86
LOCATION L0000047	VOLUME	449051.051	3762495.917	224.02
LOCATION L0000048	VOLUME	449064.185	3762500.763	224.07
LOCATION L0000049	VOLUME	449077.320	3762505.609	224.12
LOCATION L0000050	VOLUME	449090.455	3762510.455	224.17
LOCATION L0000051	VOLUME	449103.589	3762515.300	224.22
LOCATION L0000052	VOLUME	449116.724	3762520.146	224.27
LOCATION L0000053	VOLUME	449129.859	3762524.992	224.32
LOCATION L0000054	VOLUME	449142.993	3762529.838	224.37
LOCATION L0000055	VOLUME	449156.128	3762534.684	224.42
LOCATION L0000056	VOLUME	449169.262	3762539.529	224.47
LOCATION L0000057	VOLUME	449182.397	3762544.375	224.46
LOCATION L0000058	VOLUME	449195.532	3762549.221	224.50
LOCATION L0000059	VOLUME	449208.666	3762554.067	224.51
LOCATION L0000060	VOLUME	449221.801	3762558.912	224.46
LOCATION L0000061	VOLUME	449234.936	3762563.758	224.47
LOCATION L0000062	VOLUME	449248.070	3762568.604	224.51
LOCATION L0000063	VOLUME	449261.205	3762573.450	224.49
LOCATION L0000064	VOLUME	449274.339	3762578.296	224.40
LOCATION L0000065	VOLUME	449287.474	3762583.141	224.32
LOCATION L0000066	VOLUME	449300.609	3762587.987	224.36
LOCATION L0000067	VOLUME	449313.743	3762592.833	224.41

\*\* End of LINE VOLUME Source ID = SLINE1

\*\* Source Parameters \*\*

SRCPARAM VOL1	0.0001378005	5.000	44.302	1.400
SRCPARAM VOL2	0.0001378005	5.000	44.302	1.400
SRCPARAM VOL3	0.0001378005	5.000	44.302	1.400
SRCPARAM VOL4	0.0001378005	5.000	44.302	1.400
SRCPARAM VOL5	0.0001378005	5.000	44.302	1.400
SRCPARAM VOL6	0.0001378005	5.000	44.302	1.400





```

** -----
URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
EMISFACT VOL1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL1      HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL1      HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
EMISFACT VOL1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
EMISFACT VOL1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
EMISFACT VOL2      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL2      HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL2      HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL2      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
EMISFACT VOL2      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL2      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL2      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL2      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
EMISFACT VOL2      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL2      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL2      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL2      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
EMISFACT VOL3      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL3      HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL3      HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL3      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
EMISFACT VOL3      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL3      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL3      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL3      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
EMISFACT VOL3      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL3      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL3      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL3      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
EMISFACT VOL4      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL4      HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL4      HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL4      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
EMISFACT VOL4      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL4      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL4      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL4      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
EMISFACT VOL4      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL4      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL4      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL4      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:

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EMISFACT L0000064 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
EMISFACT L0000064 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
EMISFACT L0000065 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
EMISFACT L0000065 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
EMISFACT L0000065 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
EMISFACT L0000065 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
EMISFACT L0000065 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
EMISFACT L0000066 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
EMISFACT L0000066 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
EMISFACT L0000066 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
EMISFACT L0000066 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
EMISFACT L0000066 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
EMISFACT L0000067 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
EMISFACT L0000067 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
EMISFACT L0000067 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
EMISFACT L0000067 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
SRCGROUP ALL

SO FINISHED

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\*\*\*\*\*

\*\* AERMOD Receptor Pathway

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\*\*  
\*\*

RE STARTING

INCLUDED "14822 Construction PER.rou"

RE FINISHED

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\*\*\*\*\*

\*\* AERMOD Meteorology Pathway

\*\*\*\*\*  
\*\*  
\*\*

ME STARTING

SURFFILE KONT\_V9\_ADJU\KONT\_v9.SFC  
PROFFILE KONT\_V9\_ADJU\KONT\_v9.PFL  
SURFDATA 3102 2012  
UAIRDATA 3190 2012  
PROFBASE 289.0 METERS

ME FINISHED

\*\*  
\*\*\*\*\*

\*\* AERMOD Output Pathway

\*\*\*\*\*  
\*\*  
\*\*

OU STARTING

\*\* Auto-Generated Plotfiles

PLOTFILE PERIOD ALL "14822 CONSTRUCTION PER.AD\PE00GALL.PLT" 31  
SUMMFILE "14822 Construction PER.sum"

OU FINISHED

\*\*  
\*\*\*\*\*

\*\* Project Parameters

\*\*\*\*\*  
\*\* PROJCTN CoordinateSystemUTM  
\*\* DESCPTN UTM: Universal Transverse Mercator  
\*\* DATUM North American Datum 1983  
\*\* DTMRGN CONUS  
\*\* UNITS m  
\*\* ZONE 11  
\*\* ZONEINX 0  
\*\*

```

** Lakes Environmental AERMOD MPI
**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.2.0
** Lakes Environmental Software Inc.
** Date: 4/12/2023
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14822 Rich Haven\14822 Construction PER\14822
Construction PER.ADI
**

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*****
**
**
*****
** AERMOD Control Pathway
*****
**
**

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CO STARTING
TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14822 Rich Haven\AQIA\14822 Ops
MODELOPT DFAULT CONC
AVERTIME PERIOD
URBANOPT 2035210 San_Bernardino_County
POLLUTID DPM
RUNORNOT RUN
ERRORFIL "14822 Construction PER.err"

```

CO FINISHED

```

**
*****
** AERMOD Source Pathway
*****

```

SO STARTING

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** Source Location **
** Source ID - Type - X Coord. - Y Coord. **

```

LOCATION	VOL	VOLUME	X Coord.	Y Coord.	Z Coord.
LOCATION VOL1		447959.249	3762097.745		222.000
LOCATION VOL2		448134.383	3762098.764		222.370
LOCATION VOL3		447790.254	3762102.860		221.890
LOCATION VOL4		447618.190	3762098.764		221.000
LOCATION VOL5		447446.126	3762100.812		221.000
LOCATION VOL6		447276.110	3762094.667		220.000
LOCATION VOL7		447099.949	3762094.667		219.610
LOCATION VOL8		446929.933	3762096.715		220.000
LOCATION VOL9		448310.544	3762106.957		222.000
LOCATION VOL10		446926.657	3762209.795		221.340
LOCATION VOL11		446924.141	3762324.271		222.230
LOCATION VOL12		447100.259	3762207.279		221.000
LOCATION VOL13		447276.377	3762207.279		221.940
LOCATION VOL14		447447.462	3762207.279		222.000
LOCATION VOL15		447616.032	3762206.021		222.000
LOCATION VOL16		447807.246	3762206.021		222.590
LOCATION VOL17		447959.462	3762206.021		223.000
LOCATION VOL18		448138.096	3762203.505		222.620
LOCATION VOL19		448312.955	3762202.247		222.640
LOCATION VOL20		447100.259	3762325.529		221.990
LOCATION VOL21		447276.377	3762324.271		222.880
LOCATION VOL22		447448.720	3762324.271		222.690
LOCATION VOL23		447616.032	3762326.787		222.680
LOCATION VOL24		447789.634	3762328.045		223.720
LOCATION VOL25		447960.720	3762326.787		224.240
LOCATION VOL26		448135.580	3762328.045		224.450
LOCATION VOL27		448317.987	3762330.561		224.780
LOCATION VOL28		447432.367	3762512.969		225.260
LOCATION VOL29		447621.064	3762512.969		224.500

LOCATION	VOL	VOLUME			
LOCATION VOL30		VOLUME	447811.020	3762515.485	225.440
LOCATION VOL31		VOLUME	447999.717	3762515.485	225.850
LOCATION VOL32		VOLUME	448189.673	3762514.227	225.730
LOCATION VOL33		VOLUME	448315.471	3762516.743	226.160
LOCATION VOL34		VOLUME	448316.729	3762709.214	227.440
LOCATION VOL35		VOLUME	448189.673	3762707.956	226.400
LOCATION VOL36		VOLUME	448000.975	3762706.698	227.390
LOCATION VOL37		VOLUME	447811.020	3762706.698	226.990
LOCATION VOL38		VOLUME	447621.064	3762704.182	226.620
LOCATION VOL39		VOLUME	447433.625	3762704.182	227.300
LOCATION VOL40		VOLUME	447524.199	3762897.912	228.410
LOCATION VOL41		VOLUME	447329.212	3762897.912	228.720
LOCATION VOL42		VOLUME	447304.052	3763089.125	231.270
LOCATION VOL43		VOLUME	447533.005	3763086.609	231.240
LOCATION VOL44		VOLUME	447433.625	3763086.609	231.240
LOCATION VOL45		VOLUME	447530.489	3763277.823	232.460
LOCATION VOL46		VOLUME	447305.310	3763281.597	232.220
LOCATION VOL47		VOLUME	447419.787	3763282.855	232.560
LOCATION VOL48		VOLUME	447112.839	3763304.241	231.800
LOCATION VOL49		VOLUME	446924.141	3763305.499	231.590
LOCATION VOL50		VOLUME	447533.005	3763469.037	233.480
LOCATION VOL51		VOLUME	447217.251	3763472.810	233.160
LOCATION VOL52		VOLUME	447088.937	3763471.553	232.970
LOCATION VOL53		VOLUME	446925.399	3763474.068	232.580
LOCATION VOL54		VOLUME	447361.920	3763470.295	233.480
LOCATION VOL55		VOLUME	447531.738	3763659.534	234.930
LOCATION VOL56		VOLUME	447533.543	3763806.850	235.550
LOCATION VOL57		VOLUME	447359.934	3763658.402	234.090
LOCATION VOL58		VOLUME	447219.034	3763657.144	234.090
LOCATION VOL59		VOLUME	447090.714	3763659.660	234.540
LOCATION VOL60		VOLUME	446930.944	3763659.660	234.180
LOCATION VOL61		VOLUME	447357.418	3763804.334	234.700
LOCATION VOL62		VOLUME	447219.034	3763804.334	234.880
LOCATION VOL63		VOLUME	447093.230	3763805.592	235.810
LOCATION VOL64		VOLUME	446932.202	3763805.592	235.500
LOCATION VOL65		VOLUME	447133.487	3763996.814	237.440
LOCATION VOL66		VOLUME	446943.524	3763996.814	237.440
LOCATION VOL67		VOLUME	447134.745	3764159.100	239.090
LOCATION VOL68		VOLUME	446944.782	3764159.100	239.980
LOCATION VOL69		VOLUME	447136.004	3764318.871	241.020
LOCATION VOL70		VOLUME	446944.782	3764317.613	240.180

\*\* -----

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE1

\*\* DESCRSRC

\*\* PREFIX

\*\* Length of Side = 14.00

\*\* Configuration = Adjacent

\*\* Emission Rate = 0.0021654378

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 5

\*\* 448415.406, 3762409.748, 225.24, 3.49, 6.51

\*\* 448659.241, 3762398.494, 224.01, 3.49, 6.51

\*\* 448751.148, 3762400.370, 222.22, 3.49, 6.51

\*\* 448929.335, 3762451.012, 223.01, 3.49, 6.51

\*\* 449315.720, 3762593.562, 224.31, 3.49, 6.51

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LOCATION L0000001		VOLUME	448422.398	3762409.425	225.28
LOCATION L0000002		VOLUME	448436.383	3762408.780	225.27
LOCATION L0000003		VOLUME	448450.368	3762408.134	225.27
LOCATION L0000004		VOLUME	448464.354	3762407.489	225.26
LOCATION L0000005		VOLUME	448478.339	3762406.843	225.25
LOCATION L0000006		VOLUME	448492.324	3762406.198	225.25
LOCATION L0000007		VOLUME	448506.309	3762405.552	225.24
LOCATION L0000008		VOLUME	448520.294	3762404.907	225.23

LOCATION L0000009	VOLUME	448534.279	3762404.262	225.23
LOCATION L0000010	VOLUME	448548.264	3762403.616	225.22
LOCATION L0000011	VOLUME	448562.249	3762402.971	225.21
LOCATION L0000012	VOLUME	448576.234	3762402.325	225.27
LOCATION L0000013	VOLUME	448590.220	3762401.680	225.38
LOCATION L0000014	VOLUME	448604.205	3762401.034	225.39
LOCATION L0000015	VOLUME	448618.190	3762400.389	225.20
LOCATION L0000016	VOLUME	448632.175	3762399.743	224.95
LOCATION L0000017	VOLUME	448646.160	3762399.098	224.43
LOCATION L0000018	VOLUME	448660.146	3762398.513	223.93
LOCATION L0000019	VOLUME	448674.143	3762398.798	223.50
LOCATION L0000020	VOLUME	448688.140	3762399.084	223.08
LOCATION L0000021	VOLUME	448702.137	3762399.370	222.76
LOCATION L0000022	VOLUME	448716.134	3762399.655	222.44
LOCATION L0000023	VOLUME	448730.131	3762399.941	222.31
LOCATION L0000024	VOLUME	448744.128	3762400.226	222.23
LOCATION L0000025	VOLUME	448757.861	3762402.278	222.28
LOCATION L0000026	VOLUME	448771.328	3762406.105	222.42
LOCATION L0000027	VOLUME	448784.794	3762409.932	222.56
LOCATION L0000028	VOLUME	448798.261	3762413.760	222.74
LOCATION L0000029	VOLUME	448811.728	3762417.587	222.90
LOCATION L0000030	VOLUME	448825.194	3762421.415	222.80
LOCATION L0000031	VOLUME	448838.661	3762425.242	222.70
LOCATION L0000032	VOLUME	448852.128	3762429.069	222.70
LOCATION L0000033	VOLUME	448865.594	3762432.897	222.74
LOCATION L0000034	VOLUME	448879.061	3762436.724	222.81
LOCATION L0000035	VOLUME	448892.528	3762440.551	222.85
LOCATION L0000036	VOLUME	448905.994	3762444.379	222.89
LOCATION L0000037	VOLUME	448919.461	3762448.206	222.93
LOCATION L0000038	VOLUME	448932.839	3762452.305	222.99
LOCATION L0000039	VOLUME	448945.974	3762457.151	223.14
LOCATION L0000040	VOLUME	448959.108	3762461.997	223.33
LOCATION L0000041	VOLUME	448972.243	3762466.843	223.42
LOCATION L0000042	VOLUME	448985.378	3762471.688	223.47
LOCATION L0000043	VOLUME	448998.512	3762476.534	223.52
LOCATION L0000044	VOLUME	449011.647	3762481.380	223.57
LOCATION L0000045	VOLUME	449024.782	3762486.226	223.67
LOCATION L0000046	VOLUME	449037.916	3762491.071	223.86
LOCATION L0000047	VOLUME	449051.051	3762495.917	224.02
LOCATION L0000048	VOLUME	449064.185	3762500.763	224.07
LOCATION L0000049	VOLUME	449077.320	3762505.609	224.12
LOCATION L0000050	VOLUME	449090.455	3762510.455	224.17
LOCATION L0000051	VOLUME	449103.589	3762515.300	224.22
LOCATION L0000052	VOLUME	449116.724	3762520.146	224.27
LOCATION L0000053	VOLUME	449129.859	3762524.992	224.32
LOCATION L0000054	VOLUME	449142.993	3762529.838	224.37
LOCATION L0000055	VOLUME	449156.128	3762534.684	224.42
LOCATION L0000056	VOLUME	449169.262	3762539.529	224.47
LOCATION L0000057	VOLUME	449182.397	3762544.375	224.46
LOCATION L0000058	VOLUME	449195.532	3762549.221	224.50
LOCATION L0000059	VOLUME	449208.666	3762554.067	224.51
LOCATION L0000060	VOLUME	449221.801	3762558.912	224.46
LOCATION L0000061	VOLUME	449234.936	3762563.758	224.47
LOCATION L0000062	VOLUME	449248.070	3762568.604	224.51
LOCATION L0000063	VOLUME	449261.205	3762573.450	224.49
LOCATION L0000064	VOLUME	449274.339	3762578.296	224.40
LOCATION L0000065	VOLUME	449287.474	3762583.141	224.32
LOCATION L0000066	VOLUME	449300.609	3762587.987	224.36
LOCATION L0000067	VOLUME	449313.743	3762592.833	224.41

\*\* End of LINE VOLUME Source ID = SLINE1

\*\* Source Parameters \*\*

SRCPARAM VOL1	0.0001378005	5.000	44.302	1.400
SRCPARAM VOL2	0.0001378005	5.000	44.302	1.400
SRCPARAM VOL3	0.0001378005	5.000	44.302	1.400
SRCPARAM VOL4	0.0001378005	5.000	44.302	1.400
SRCPARAM VOL5	0.0001378005	5.000	44.302	1.400







\*\* -----

URBANSRC ALL

\*\* Variable Emissions Type: "By Hour / Day (HRDOW)"

\*\* Variable Emission Scenario: "Scenario 1"

\*\* WeekDays:

EMISFACT VOL1 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL1 HRDOW 0.0 0.0 1.0 1.0 1.0 1.0  
 EMISFACT VOL1 HRDOW 1.0 1.0 1.0 1.0 0.0 0.0  
 EMISFACT VOL1 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

\*\* Saturday:

EMISFACT VOL1 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL1 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL1 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL1 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

\*\* Sunday:

EMISFACT VOL1 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL1 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL1 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL1 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

\*\* WeekDays:

EMISFACT VOL2 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL2 HRDOW 0.0 0.0 1.0 1.0 1.0 1.0  
 EMISFACT VOL2 HRDOW 1.0 1.0 1.0 1.0 0.0 0.0  
 EMISFACT VOL2 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

\*\* Saturday:

EMISFACT VOL2 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL2 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL2 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL2 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

\*\* Sunday:

EMISFACT VOL2 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL2 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL2 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL2 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

\*\* WeekDays:

EMISFACT VOL3 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL3 HRDOW 0.0 0.0 1.0 1.0 1.0 1.0  
 EMISFACT VOL3 HRDOW 1.0 1.0 1.0 1.0 0.0 0.0  
 EMISFACT VOL3 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

\*\* Saturday:

EMISFACT VOL3 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL3 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL3 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL3 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

\*\* Sunday:

EMISFACT VOL3 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL3 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL3 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL3 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

\*\* WeekDays:

EMISFACT VOL4 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL4 HRDOW 0.0 0.0 1.0 1.0 1.0 1.0  
 EMISFACT VOL4 HRDOW 1.0 1.0 1.0 1.0 0.0 0.0  
 EMISFACT VOL4 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

\*\* Saturday:

EMISFACT VOL4 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL4 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL4 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL4 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

\*\* Sunday:

EMISFACT VOL4 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL4 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL4 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
 EMISFACT VOL4 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0





























































EMISFACT L0000064 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
EMISFACT L0000064 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
EMISFACT L0000064 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
EMISFACT L0000065 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
EMISFACT L0000065 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
EMISFACT L0000065 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
EMISFACT L0000065 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
EMISFACT L0000065 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
EMISFACT L0000066 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
EMISFACT L0000066 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
EMISFACT L0000066 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
EMISFACT L0000066 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
EMISFACT L0000066 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
EMISFACT L0000067 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
EMISFACT L0000067 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
EMISFACT L0000067 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
EMISFACT L0000067 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0  
SRCGROUP ALL

SO FINISHED

\*\*  
\*\*\*\*\*  
\*\* AERMOD Receptor Pathway  
\*\*\*\*\*

\*\*  
\*\*  
RE STARTING  
INCLUDED "14822 Construction PER.rou"  
RE FINISHED

\*\*  
\*\*\*\*\*  
\*\* AERMOD Meteorology Pathway  
\*\*\*\*\*

\*\*  
\*\*  
ME STARTING  
SURFFILE KONT\_V9\_ADJU\KONT\_v9.SFC  
PROFFILE KONT\_V9\_ADJU\KONT\_v9.PFL  
SURFDATA 3102 2012  
UAIRDATA 3190 2012  
PROFBASE 289.0 METERS

ME FINISHED  
\*\*  
\*\*\*\*\*  
\*\* AERMOD Output Pathway  
\*\*\*\*\*

\*\*  
\*\*  
OU STARTING  
\*\* Auto-Generated Plotfiles  
PLOTFILE PERIOD ALL "14822 CONSTRUCTION PER.AD\PE00GALL.PLT" 31  
SUMMFILE "14822 Construction PER.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 2215 MEOpen: THRESH\_1MIN 1-min ASOS wind speed threshold used 0.50  
ME W187 2215 MEOpen: ADJ\_U\* Option for Stable Low Winds used in AERMET

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

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

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

\*\* Model Options Selected:

- \* Model Uses Regulatory DEFAULT Options
- \* Model Is Setup For Calculation of Average CONCentration Values.
- \* NO GAS DEPOSITION Data Provided.
- \* NO PARTICLE DEPOSITION Data Provided.
- \* Model Uses NO DRY DEPLETION. DDPLETE = F
- \* Model Uses NO WET DEPLETION. WETDPLT = F
- \* Stack-tip Downwash.
- \* Model Accounts for ELEVated Terrain Effects.
- \* Use Calms Processing Routine.
- \* Use Missing Data Processing Routine.
- \* No Exponential Decay.
- \* Model Uses URBAN Dispersion Algorithm for the SBL for 137 Source(s),  
for Total of 1 Urban Area(s):  
Urban Population = 2035210.0 ; Urban Roughness Length = 1.000 m
- \* Urban Roughness Length of 1.0 Meter Used.
- \* ADJ\_U\* - Use ADJ\_U\* option for SBL in AERMET
- \* CCVR\_Sub - Meteorological data includes CCVR substitutions
- \* TEMP\_Sub - Meteorological data includes TEMP substitutions
- \* Model Assumes No FLAGPOLE Receptor Heights.
- \* The User Specified a Pollutant Type of: DPM

\*\*Model Calculates PERIOD Averages Only

\*\*This Run Includes: 137 Source(s); 1 Source Group(s); and 227 Receptor(s)

with: 0 POINT(s), including  
0 POINTCAP(s) and 0 POINTHOR(s)

and: 137 VOLUME source(s)

and: 0 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 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) = 289.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0  
 Emission Units = GRAMS/SEC ; Emission Rate  
 Unit Factor = 0.10000E+07  
 Output Units = MICROGRAMS/M\*\*3

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

\*\*Input Runstream File:

aermod.inp

\*\*Output Print File:

aermod.out

\*\*Detailed Error/Message File: 14822 Construction  
 PER.err

\*\*File for Summary of Results: 14822 Construction  
 PER.sum

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

\*\*\* VOLUME SOURCE DATA \*\*\*

SOURCE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
	URBAN	EMISSION RATE			ELEV.	HEIGHT	SY	SZ
SOURCE	PART.	(GRAMS/SEC)	X	Y	(METERS)	(METERS)	(METERS)	(METERS)
ID	SCALAR	VARY						
(METERS)	CATS.	BY						
VOL1	0	0.13780E-03	447959.2	3762097.7	222.0	5.00	44.30	1.40
YES	HRDOW							
VOL2	0	0.13780E-03	448134.4	3762098.8	222.4	5.00	44.30	1.40
YES	HRDOW							
VOL3	0	0.13780E-03	447790.3	3762102.9	221.9	5.00	44.30	1.40
YES	HRDOW							
VOL4	0	0.13780E-03	447618.2	3762098.8	221.0	5.00	44.30	1.40
YES	HRDOW							
VOL5	0	0.13780E-03	447446.1	3762100.8	221.0	5.00	44.30	1.40
YES	HRDOW							
VOL6	0	0.13780E-03	447276.1	3762094.7	220.0	5.00	44.30	1.40
YES	HRDOW							
VOL7	0	0.13780E-03	447099.9	3762094.7	219.6	5.00	44.30	1.40
YES	HRDOW							
VOL8	0	0.13780E-03	446929.9	3762096.7	220.0	5.00	44.30	1.40
YES	HRDOW							
VOL9	0	0.13780E-03	448310.5	3762107.0	222.0	5.00	44.30	1.40
YES	HRDOW							
VOL10	0	0.13780E-03	446926.7	3762209.8	221.3	5.00	44.30	1.40
YES	HRDOW							
VOL11	0	0.13780E-03	446924.1	3762324.3	222.2	5.00	44.30	1.40
YES	HRDOW							
VOL12	0	0.13780E-03	447100.3	3762207.3	221.0	5.00	44.30	1.40
YES	HRDOW							
VOL13	0	0.13780E-03	447276.4	3762207.3	221.9	5.00	44.30	1.40

YES	HRDOW								
VOL14		0	0.13780E-03	447447.5	3762207.3	222.0	5.00	44.30	1.40
YES	HRDOW								
VOL15		0	0.13780E-03	447616.0	3762206.0	222.0	5.00	44.30	1.40
YES	HRDOW								
VOL16		0	0.13780E-03	447807.2	3762206.0	222.6	5.00	44.30	1.40
YES	HRDOW								
VOL17		0	0.13780E-03	447959.5	3762206.0	223.0	5.00	44.30	1.40
YES	HRDOW								
VOL18		0	0.13780E-03	448138.1	3762203.5	222.6	5.00	44.30	1.40
YES	HRDOW								
VOL19		0	0.13780E-03	448313.0	3762202.2	222.6	5.00	44.30	1.40
YES	HRDOW								
VOL20		0	0.13780E-03	447100.3	3762325.5	222.0	5.00	44.30	1.40
YES	HRDOW								
VOL21		0	0.13780E-03	447276.4	3762324.3	222.9	5.00	44.30	1.40
YES	HRDOW								
VOL22		0	0.13780E-03	447448.7	3762324.3	222.7	5.00	44.30	1.40
YES	HRDOW								
VOL23		0	0.13780E-03	447616.0	3762326.8	222.7	5.00	44.30	1.40
YES	HRDOW								
VOL24		0	0.13780E-03	447789.6	3762328.0	223.7	5.00	44.30	1.40
YES	HRDOW								
VOL25		0	0.13780E-03	447960.7	3762326.8	224.2	5.00	44.30	1.40
YES	HRDOW								
VOL26		0	0.13780E-03	448135.6	3762328.0	224.5	5.00	44.30	1.40
YES	HRDOW								
VOL27		0	0.13780E-03	448318.0	3762330.6	224.8	5.00	44.30	1.40
YES	HRDOW								
VOL28		0	0.13780E-03	447432.4	3762513.0	225.3	5.00	44.30	1.40
YES	HRDOW								
VOL29		0	0.13780E-03	447621.1	3762513.0	224.5	5.00	44.30	1.40
YES	HRDOW								
VOL30		0	0.13780E-03	447811.0	3762515.5	225.4	5.00	44.30	1.40
YES	HRDOW								
VOL31		0	0.13780E-03	447999.7	3762515.5	225.9	5.00	44.30	1.40
YES	HRDOW								
VOL32		0	0.13780E-03	448189.7	3762514.2	225.7	5.00	44.30	1.40
YES	HRDOW								
VOL33		0	0.13780E-03	448315.5	3762516.7	226.2	5.00	44.30	1.40
YES	HRDOW								
VOL34		0	0.13780E-03	448316.7	3762709.2	227.4	5.00	44.30	1.40
YES	HRDOW								
VOL35		0	0.13780E-03	448189.7	3762708.0	226.4	5.00	44.30	1.40
YES	HRDOW								
VOL36		0	0.13780E-03	448001.0	3762706.7	227.4	5.00	44.30	1.40
YES	HRDOW								
VOL37		0	0.13780E-03	447811.0	3762706.7	227.0	5.00	44.30	1.40
YES	HRDOW								
VOL38		0	0.13780E-03	447621.1	3762704.2	226.6	5.00	44.30	1.40
YES	HRDOW								
VOL39		0	0.13780E-03	447433.6	3762704.2	227.3	5.00	44.30	1.40
YES	HRDOW								
VOL40		0	0.13780E-03	447524.2	3762897.9	228.4	5.00	44.30	1.40
YES	HRDOW								

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

\*\*\* VOLUME SOURCE DATA \*\*\*



SOURCE	PART.	NUMBER	EMISSION	RATE	X	Y	BASE	RELEASE	INIT.	INIT.
		URBAN	EMISSION	RATE			ELEV.	HEIGHT	SY	SZ
SOURCE	SCALAR	VARY	(GRAMS/SEC)		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
ID	CATS.		BY							
(METERS)										
VOL41		0	0.13780E-03	447329.2	3762897.9	228.7	5.00	44.30	1.40	
YES	HRDOW									
VOL42		0	0.13780E-03	447304.1	3763089.1	231.3	5.00	44.30	1.40	
YES	HRDOW									
VOL43		0	0.13780E-03	447533.0	3763086.6	231.2	5.00	44.30	1.40	
YES	HRDOW									
VOL44		0	0.13780E-03	447433.6	3763086.6	231.2	5.00	44.30	1.40	
YES	HRDOW									
VOL45		0	0.13780E-03	447530.5	3763277.8	232.5	5.00	44.30	1.40	
YES	HRDOW									
VOL46		0	0.13780E-03	447305.3	3763281.6	232.2	5.00	44.30	1.40	
YES	HRDOW									
VOL47		0	0.13780E-03	447419.8	3763282.9	232.6	5.00	44.30	1.40	
YES	HRDOW									
VOL48		0	0.13780E-03	447112.8	3763304.2	231.8	5.00	44.30	1.40	
YES	HRDOW									
VOL49		0	0.13780E-03	446924.1	3763305.5	231.6	5.00	44.30	1.40	
YES	HRDOW									
VOL50		0	0.13780E-03	447533.0	3763469.0	233.5	5.00	44.30	1.40	
YES	HRDOW									
VOL51		0	0.13780E-03	447217.3	3763472.8	233.2	5.00	44.30	1.40	
YES	HRDOW									
VOL52		0	0.13780E-03	447088.9	3763471.6	233.0	5.00	44.30	1.40	
YES	HRDOW									
VOL53		0	0.13780E-03	446925.4	3763474.1	232.6	5.00	44.30	1.40	
YES	HRDOW									
VOL54		0	0.13780E-03	447361.9	3763470.3	233.5	5.00	44.30	1.40	
YES	HRDOW									
VOL55		0	0.13780E-03	447531.7	3763659.5	234.9	5.00	44.30	1.40	
YES	HRDOW									
VOL56		0	0.13780E-03	447533.5	3763806.8	235.6	5.00	44.30	1.40	
YES	HRDOW									
VOL57		0	0.13780E-03	447359.9	3763658.4	234.1	5.00	44.30	1.40	
YES	HRDOW									
VOL58		0	0.13780E-03	447219.0	3763657.1	234.1	5.00	44.30	1.40	
YES	HRDOW									
VOL59		0	0.13780E-03	447090.7	3763659.7	234.5	5.00	44.30	1.40	
YES	HRDOW									
VOL60		0	0.13780E-03	446930.9	3763659.7	234.2	5.00	44.30	1.40	
YES	HRDOW									
VOL61		0	0.13780E-03	447357.4	3763804.3	234.7	5.00	44.30	1.40	
YES	HRDOW									
VOL62		0	0.13780E-03	447219.0	3763804.3	234.9	5.00	44.30	1.40	
YES	HRDOW									
VOL63		0	0.13780E-03	447093.2	3763805.6	235.8	5.00	44.30	1.40	
YES	HRDOW									
VOL64		0	0.13780E-03	446932.2	3763805.6	235.5	5.00	44.30	1.40	
YES	HRDOW									
VOL65		0	0.13780E-03	447133.5	3763996.8	237.4	5.00	44.30	1.40	
YES	HRDOW									
VOL66		0	0.13780E-03	446943.5	3763996.8	237.4	5.00	44.30	1.40	
YES	HRDOW									
VOL67		0	0.13780E-03	447134.7	3764159.1	239.1	5.00	44.30	1.40	
YES	HRDOW									
VOL68		0	0.13780E-03	446944.8	3764159.1	240.0	5.00	44.30	1.40	
YES	HRDOW									
VOL69		0	0.13780E-03	447136.0	3764318.9	241.0	5.00	44.30	1.40	

YES	HRDOW								
VOL70		0	0.13780E-03	446944.8	3764317.6	240.2	5.00	44.30	1.40
YES	HRDOW								
L0000001		0	0.32320E-04	448422.4	3762409.4	225.3	3.49	6.51	3.25
YES	HRDOW								
L0000002		0	0.32320E-04	448436.4	3762408.8	225.3	3.49	6.51	3.25
YES	HRDOW								
L0000003		0	0.32320E-04	448450.4	3762408.1	225.3	3.49	6.51	3.25
YES	HRDOW								
L0000004		0	0.32320E-04	448464.4	3762407.5	225.3	3.49	6.51	3.25
YES	HRDOW								
L0000005		0	0.32320E-04	448478.3	3762406.8	225.2	3.49	6.51	3.25
YES	HRDOW								
L0000006		0	0.32320E-04	448492.3	3762406.2	225.2	3.49	6.51	3.25
YES	HRDOW								
L0000007		0	0.32320E-04	448506.3	3762405.6	225.2	3.49	6.51	3.25
YES	HRDOW								
L0000008		0	0.32320E-04	448520.3	3762404.9	225.2	3.49	6.51	3.25
YES	HRDOW								
L0000009		0	0.32320E-04	448534.3	3762404.3	225.2	3.49	6.51	3.25
YES	HRDOW								
L0000010		0	0.32320E-04	448548.3	3762403.6	225.2	3.49	6.51	3.25
YES	HRDOW								

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

\*\*\* VOLUME SOURCE DATA \*\*\*

SOURCE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION RATE			ELEV.	HEIGHT	SY	SZ
ID	PART.	(GRAMS/SEC)	X	Y	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	SCALAR VARY	CATS.						
		BY						
L0000011	0	0.32320E-04	448562.2	3762403.0	225.2	3.49	6.51	3.25
YES	HRDOW							
L0000012	0	0.32320E-04	448576.2	3762402.3	225.3	3.49	6.51	3.25
YES	HRDOW							
L0000013	0	0.32320E-04	448590.2	3762401.7	225.4	3.49	6.51	3.25
YES	HRDOW							
L0000014	0	0.32320E-04	448604.2	3762401.0	225.4	3.49	6.51	3.25
YES	HRDOW							
L0000015	0	0.32320E-04	448618.2	3762400.4	225.2	3.49	6.51	3.25
YES	HRDOW							
L0000016	0	0.32320E-04	448632.2	3762399.7	225.0	3.49	6.51	3.25
YES	HRDOW							
L0000017	0	0.32320E-04	448646.2	3762399.1	224.4	3.49	6.51	3.25
YES	HRDOW							
L0000018	0	0.32320E-04	448660.1	3762398.5	223.9	3.49	6.51	3.25
YES	HRDOW							
L0000019	0	0.32320E-04	448674.1	3762398.8	223.5	3.49	6.51	3.25
YES	HRDOW							
L0000020	0	0.32320E-04	448688.1	3762399.1	223.1	3.49	6.51	3.25
YES	HRDOW							
L0000021	0	0.32320E-04	448702.1	3762399.4	222.8	3.49	6.51	3.25
YES	HRDOW							
L0000022	0	0.32320E-04	448716.1	3762399.7	222.4	3.49	6.51	3.25

YES	HRDOW								
L0000023		0	0.32320E-04	448730.1	3762399.9	222.3	3.49	6.51	3.25
YES	HRDOW								
L0000024		0	0.32320E-04	448744.1	3762400.2	222.2	3.49	6.51	3.25
YES	HRDOW								
L0000025		0	0.32320E-04	448757.9	3762402.3	222.3	3.49	6.51	3.25
YES	HRDOW								
L0000026		0	0.32320E-04	448771.3	3762406.1	222.4	3.49	6.51	3.25
YES	HRDOW								
L0000027		0	0.32320E-04	448784.8	3762409.9	222.6	3.49	6.51	3.25
YES	HRDOW								
L0000028		0	0.32320E-04	448798.3	3762413.8	222.7	3.49	6.51	3.25
YES	HRDOW								
L0000029		0	0.32320E-04	448811.7	3762417.6	222.9	3.49	6.51	3.25
YES	HRDOW								
L0000030		0	0.32320E-04	448825.2	3762421.4	222.8	3.49	6.51	3.25
YES	HRDOW								
L0000031		0	0.32320E-04	448838.7	3762425.2	222.7	3.49	6.51	3.25
YES	HRDOW								
L0000032		0	0.32320E-04	448852.1	3762429.1	222.7	3.49	6.51	3.25
YES	HRDOW								
L0000033		0	0.32320E-04	448865.6	3762432.9	222.7	3.49	6.51	3.25
YES	HRDOW								
L0000034		0	0.32320E-04	448879.1	3762436.7	222.8	3.49	6.51	3.25
YES	HRDOW								
L0000035		0	0.32320E-04	448892.5	3762440.6	222.9	3.49	6.51	3.25
YES	HRDOW								
L0000036		0	0.32320E-04	448906.0	3762444.4	222.9	3.49	6.51	3.25
YES	HRDOW								
L0000037		0	0.32320E-04	448919.5	3762448.2	222.9	3.49	6.51	3.25
YES	HRDOW								
L0000038		0	0.32320E-04	448932.8	3762452.3	223.0	3.49	6.51	3.25
YES	HRDOW								
L0000039		0	0.32320E-04	448946.0	3762457.2	223.1	3.49	6.51	3.25
YES	HRDOW								
L0000040		0	0.32320E-04	448959.1	3762462.0	223.3	3.49	6.51	3.25
YES	HRDOW								
L0000041		0	0.32320E-04	448972.2	3762466.8	223.4	3.49	6.51	3.25
YES	HRDOW								
L0000042		0	0.32320E-04	448985.4	3762471.7	223.5	3.49	6.51	3.25
YES	HRDOW								
L0000043		0	0.32320E-04	448998.5	3762476.5	223.5	3.49	6.51	3.25
YES	HRDOW								
L0000044		0	0.32320E-04	449011.6	3762481.4	223.6	3.49	6.51	3.25
YES	HRDOW								
L0000045		0	0.32320E-04	449024.8	3762486.2	223.7	3.49	6.51	3.25
YES	HRDOW								
L0000046		0	0.32320E-04	449037.9	3762491.1	223.9	3.49	6.51	3.25
YES	HRDOW								
L0000047		0	0.32320E-04	449051.1	3762495.9	224.0	3.49	6.51	3.25
YES	HRDOW								
L0000048		0	0.32320E-04	449064.2	3762500.8	224.1	3.49	6.51	3.25
YES	HRDOW								
L0000049		0	0.32320E-04	449077.3	3762505.6	224.1	3.49	6.51	3.25
YES	HRDOW								
L0000050		0	0.32320E-04	449090.5	3762510.5	224.2	3.49	6.51	3.25


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\*\*\* VOLUME SOURCE DATA \*\*\*

SOURCE	NUMBER URBAN	EMISSION RATE (GRAMS/SEC)	X	Y	BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ
SOURCE ID (METERS)	PART. SCALAR VARY CATS.	EMISSION RATE BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0000051	0	0.32320E-04	449103.6	3762515.3	224.2	3.49	6.51	3.25
YES HRDOW								
L0000052	0	0.32320E-04	449116.7	3762520.1	224.3	3.49	6.51	3.25
YES HRDOW								
L0000053	0	0.32320E-04	449129.9	3762525.0	224.3	3.49	6.51	3.25
YES HRDOW								
L0000054	0	0.32320E-04	449143.0	3762529.8	224.4	3.49	6.51	3.25
YES HRDOW								
L0000055	0	0.32320E-04	449156.1	3762534.7	224.4	3.49	6.51	3.25
YES HRDOW								
L0000056	0	0.32320E-04	449169.3	3762539.5	224.5	3.49	6.51	3.25
YES HRDOW								
L0000057	0	0.32320E-04	449182.4	3762544.4	224.5	3.49	6.51	3.25
YES HRDOW								
L0000058	0	0.32320E-04	449195.5	3762549.2	224.5	3.49	6.51	3.25
YES HRDOW								
L0000059	0	0.32320E-04	449208.7	3762554.1	224.5	3.49	6.51	3.25
YES HRDOW								
L0000060	0	0.32320E-04	449221.8	3762558.9	224.5	3.49	6.51	3.25
YES HRDOW								
L0000061	0	0.32320E-04	449234.9	3762563.8	224.5	3.49	6.51	3.25
YES HRDOW								
L0000062	0	0.32320E-04	449248.1	3762568.6	224.5	3.49	6.51	3.25
YES HRDOW								
L0000063	0	0.32320E-04	449261.2	3762573.4	224.5	3.49	6.51	3.25
YES HRDOW								
L0000064	0	0.32320E-04	449274.3	3762578.3	224.4	3.49	6.51	3.25
YES HRDOW								
L0000065	0	0.32320E-04	449287.5	3762583.1	224.3	3.49	6.51	3.25
YES HRDOW								
L0000066	0	0.32320E-04	449300.6	3762588.0	224.4	3.49	6.51	3.25
YES HRDOW								
L0000067	0	0.32320E-04	449313.7	3762592.8	224.4	3.49	6.51	3.25
YES HRDOW								

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

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

SRCGROUP ID	SOURCE IDs
ALL	VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 ,
VOL7	, VOL8 ,
	VOL9 , VOL10 , VOL11 , VOL12 , VOL13 , VOL14 ,
	VOL15 , VOL16 ,

VOL17 , VOL18 , VOL19 , VOL20 , VOL21 , VOL22 ,  
VOL23 , VOL24 ,  
VOL25 , VOL26 , VOL27 , VOL28 , VOL29 , VOL30 ,  
VOL31 , VOL32 ,  
VOL33 , VOL34 , VOL35 , VOL36 , VOL37 , VOL38 ,  
VOL39 , VOL40 ,  
VOL41 , VOL42 , VOL43 , VOL44 , VOL45 , VOL46 ,  
VOL47 , VOL48 ,  
VOL49 , VOL50 , VOL51 , VOL52 , VOL53 , VOL54 ,  
VOL55 , VOL56 ,  
VOL57 , VOL58 , VOL59 , VOL60 , VOL61 , VOL62 ,  
VOL63 , VOL64 ,  
VOL65 , VOL66 , VOL67 , VOL68 , VOL69 , VOL70 ,  
L0000001 , L0000002 ,  
L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 ,  
L0000009 , L0000010 ,  
L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 ,  
L0000017 , L0000018 ,  
L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 ,  
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L0000065 , L0000066 ,  
L0000067 ,

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

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

URBAN ID	URBAN POP	SOURCE IDs
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VOL8	2035210. VOL6	VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL7 ,
	VOL9	VOL10 , VOL11 , VOL12 , VOL13 , VOL14 ,

VOL15 , VOL16 ,  
VOL17 , VOL18 , VOL19 , VOL20 , VOL21 , VOL22 ,  
VOL23 , VOL24 ,  
VOL25 , VOL26 , VOL27 , VOL28 , VOL29 , VOL30 ,  
VOL31 , VOL32 ,  
VOL33 , VOL34 , VOL35 , VOL36 , VOL37 , VOL38 ,  
VOL39 , VOL40 ,  
VOL41 , VOL42 , VOL43 , VOL44 , VOL45 , VOL46 ,  
VOL47 , VOL48 ,  
VOL49 , VOL50 , VOL51 , VOL52 , VOL53 , VOL54 ,  
VOL55 , VOL56 ,  
VOL57 , VOL58 , VOL59 , VOL60 , VOL61 , VOL62 ,  
VOL63 , VOL64 ,  
VOL65 , VOL66 , VOL67 , VOL68 , VOL69 , VOL70 ,  
L0000001 , L0000002 ,  
L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 ,  
L0000009 , L0000010 ,  
L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 ,  
L0000017 , L0000018 ,  
L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 ,  
L0000025 , L0000026 ,  
L0000027 , L0000028 , L0000029 , L0000030 , L0000031 , L0000032 ,  
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L0000035 , L0000036 , L0000037 , L0000038 , L0000039 , L0000040 ,  
L0000041 , L0000042 ,  
L0000043 , L0000044 , L0000045 , L0000046 , L0000047 , L0000048 ,  
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L0000057 , L0000058 ,  
L0000059 , L0000060 , L0000061 , L0000062 , L0000063 , L0000064 ,  
L0000065 , L0000066 ,  
L0000067 ,

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

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

SOURCE ID = VOL1		; SOURCE TYPE = VOLUME							
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL2 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL3 ; SOURCE TYPE = VOLUME :  
 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 .0000E+00  
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
 .1000E+01 15 .1000E+01 16 .1000E+01  
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL4 ; SOURCE TYPE = VOLUME :  
 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 .0000E+00  
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
 .1000E+01 15 .1000E+01 16 .1000E+01  
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL5 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL6 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL7 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL8 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL9 ; SOURCE TYPE = VOLUME :
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL10 ; SOURCE TYPE = VOLUME :
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	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL11 ; SOURCE TYPE = VOLUME :

SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
--------	------	--------	------	--------	------	--------	------	--------	------	--------	------

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	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL12 ; SOURCE TYPE = VOLUME :  
 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 .0000E+00  
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
 .1000E+01 15 .1000E+01 16 .1000E+01  
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL13 ; SOURCE TYPE = VOLUME :  
 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 .0000E+00  
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
 .1000E+01 15 .1000E+01 16 .1000E+01  
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

.0000E+00 23 .0000E+00 24 .0000E+00  
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Haven\AQIA\14822 Ops \*\*\* 04/12/23  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

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

SOURCE ID = VOL14 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL15 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL16 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Haven\AQIA\14822 Ops \*\*\* 04/12/23

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

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

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

SOURCE ID = VOL17 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14

.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL18 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL19 ; SOURCE TYPE = VOLUME :



HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR  
SCALAR HOUR SCALAR HOUR SCALAR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR

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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL20 ; SOURCE TYPE = VOLUME :  
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR  
SCALAR HOUR SCALAR HOUR SCALAR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR

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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL21 ; SOURCE TYPE = VOLUME :
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL22 ; SOURCE TYPE = VOLUME :
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00

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

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

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

SOURCE ID = VOL23 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL24 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL25 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL26 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL27 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK

(HRDOW) \*

SOURCE ID = VOL28 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL29 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL30 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Weekday. Values range from .0000E+00 to .1000E+01.

DAY OF WEEK = SATURDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Saturday. All values are .0000E+00.

DAY OF WEEK = SUNDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Sunday. All values are .0000E+00.

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

SOURCE ID = VOL31 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Weekday. Values range from .0000E+00 to .1000E+01.

DAY OF WEEK = SATURDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Saturday. All values are .0000E+00.

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL32 ; SOURCE TYPE = VOLUME :  
 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	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL33 ; SOURCE TYPE = VOLUME :  
 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	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00



.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL34 ; SOURCE TYPE = VOLUME :
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL35 ; SOURCE TYPE = VOLUME :
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	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL36 ; SOURCE TYPE = VOLUME :

SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
--------	------	--------	------	--------	------	--------	------	--------	------	--------	------

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	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL37 ; SOURCE TYPE = VOLUME :
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL38 ; SOURCE TYPE = VOLUME :
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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

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

SOURCE ID = VOL39 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL40 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14

.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL41 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL42 ; SOURCE TYPE = VOLUME :  
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 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL43 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL44 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL45 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL46 ; SOURCE TYPE = VOLUME :
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL47 ; SOURCE TYPE = VOLUME :
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6



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

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

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

SOURCE ID = VOL48 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL49 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL50 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL51 ; SOURCE TYPE = VOLUME :  
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Haven\AQIA\14822 Ops \*\*\* 04/12/23

\*\*\* AERMET - VERSION 16216 \*\*\*
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\*\*\* 09:26:06

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

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

SOURCE ID = VOL52 ; SOURCE TYPE = VOLUME :
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Haven\AQIA\14822 Ops \*\*\* 04/12/23

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

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

SOURCE ID = VOL53 ; SOURCE TYPE = VOLUME :  
 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 .0000E+00  
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
 .1000E+01 15 .1000E+01 16 .1000E+01  
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL54 ; SOURCE TYPE = VOLUME :  
 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 .0000E+00  
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
 .1000E+01 15 .1000E+01 16 .1000E+01  
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL55 ; SOURCE TYPE = VOLUME :
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL56 ; SOURCE TYPE = VOLUME :
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL57 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL58 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Haven\AQIA\14822 Ops \*\*\* 04/12/23

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

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

SOURCE ID = VOL59 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL60 ; SOURCE TYPE = VOLUME :  
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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\*\*\* AERMET - VERSION 16216 \*\*\*
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

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

SOURCE ID = VOL61 ; SOURCE TYPE = VOLUME :
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Haven\AQIA\14822 Ops \*\*\* 04/12/23
\*\*\* AERMET - VERSION 16216 \*\*\*
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

SOURCE ID = VOL62 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = VOL63 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14

.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Haven\AQIA\14822 Ops \*\*\* 04/12/23  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = VOL64 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Haven\AQIA\14822 Ops \*\*\* 04/12/23  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = VOL65 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = VOL66 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = VOL67 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = VOL68 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = VOL69 ; SOURCE TYPE = VOLUME :  
 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 .0000E+00  
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
 .1000E+01 15 .1000E+01 16 .1000E+01  
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
 .0000E+00 7 .0000E+00 8 .0000E+00  
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
 .0000E+00 15 .0000E+00 16 .0000E+00  
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
 .0000E+00 7 .0000E+00 8 .0000E+00  
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
 .0000E+00 15 .0000E+00 16 .0000E+00  
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
 .0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = VOL70 ; SOURCE TYPE = VOLUME :  
 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 .0000E+00  
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
 .1000E+01 15 .1000E+01 16 .1000E+01  
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
 .0000E+00 7 .0000E+00 8 .0000E+00  
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
 .0000E+00 15 .0000E+00 16 .0000E+00  
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
 .0000E+00 7 .0000E+00 8 .0000E+00  
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
 .0000E+00 15 .0000E+00 16 .0000E+00  
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
 .0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000001 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000002 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000003 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000004 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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Haven\AQIA\14822 Ops \*\*\* 04/12/23
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) \*

SOURCE ID = L0000005 ; SOURCE TYPE = VOLUME :
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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Haven\AQIA\14822 Ops \*\*\* 04/12/23
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) \*

SOURCE ID = L0000006 ; SOURCE TYPE = VOLUME :
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) \*

SOURCE ID = L0000007 ; SOURCE TYPE = VOLUME :
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000008 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	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	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000009 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	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	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

.0000E+00 23 .0000E+00 24 .0000E+00  
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Haven\AQIA\14822 Ops \*\*\* 04/12/23  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000010 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000011 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000012 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000013 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14

.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000014 ; SOURCE TYPE = VOLUME :

HR 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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000015 ; SOURCE TYPE = VOLUME :

HRAS  
Haven\AQIA\14822 Ops \*\*\*  
04/12/23  
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DAY OF WEEK = WEEKDAY

HRAS	Hour	Scalar	Hour	Scalar	Hour	Scalar	Hour	Scalar	Hour	Scalar
	1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
	6	.0000E+00	7	.0000E+00	8	.0000E+00				
	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
	14	.1000E+01	15	.1000E+01	16	.1000E+01				
	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
	22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SATURDAY

	1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
	6	.0000E+00	7	.0000E+00	8	.0000E+00				
	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
	14	.0000E+00	15	.0000E+00	16	.0000E+00				
	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
	22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SUNDAY

	1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
	6	.0000E+00	7	.0000E+00	8	.0000E+00				
	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
	14	.0000E+00	15	.0000E+00	16	.0000E+00				
	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
	22	.0000E+00	23	.0000E+00	24	.0000E+00				

\*\*\* AERMOD - VERSION 22112 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000016 ; SOURCE TYPE = VOLUME :

HRAS	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	.0000E+00				
	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
	14	.1000E+01	15	.1000E+01	16	.1000E+01				
	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
	22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SATURDAY

	1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
	6	.0000E+00	7	.0000E+00	8	.0000E+00				
	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
	14	.0000E+00	15	.0000E+00	16	.0000E+00				
	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
	22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SUNDAY

	1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
	6	.0000E+00	7	.0000E+00	8	.0000E+00				
	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
	14	.0000E+00	15	.0000E+00	16	.0000E+00				
	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
	22	.0000E+00	23	.0000E+00	24	.0000E+00				

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\*\*\* AERMET - VERSION 16216 \*\*\*  
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09:26:06

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000017 ; SOURCE TYPE = VOLUME :
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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Haven\AQIA\14822 Ops \*\*\* 04/12/23

\*\*\* AERMET - VERSION 16216 \*\*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000018 ; SOURCE TYPE = VOLUME :
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000019 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000020 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6



.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000021 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000022 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000023 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK

(HRDOW) \*

SOURCE ID = L0000024 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000025 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000026 ; SOURCE TYPE = VOLUME :

Hourly scalar values for source L0000026, including columns for HOUR, SCALAR, and DAY OF WEEK = WEEKDAY.

DAY OF WEEK = WEEKDAY

Hourly scalar values for Weekdays (Days 1-24).

DAY OF WEEK = SATURDAY

Hourly scalar values for Saturdays (Days 1-24).

DAY OF WEEK = SUNDAY

Hourly scalar values for Sundays (Days 1-24).

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000027 ; SOURCE TYPE = VOLUME :

Hourly scalar values for source L0000027, including columns for HOUR, SCALAR, and DAY OF WEEK = WEEKDAY.

DAY OF WEEK = WEEKDAY

Hourly scalar values for Weekdays (Days 1-24).

DAY OF WEEK = SATURDAY

Hourly scalar values for Saturdays (Days 1-24).

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000028 ; SOURCE TYPE = VOLUME :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	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	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000029 ; SOURCE TYPE = VOLUME :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	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	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) \*

SOURCE ID = L0000030 ; SOURCE TYPE = VOLUME :
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) \*

SOURCE ID = L0000031 ; SOURCE TYPE = VOLUME :
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	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000032 ; SOURCE TYPE = VOLUME :

HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	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	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000033 ; SOURCE TYPE = VOLUME :

Hourly scalar values for Weekday, Saturday, and Sunday.

DAY OF WEEK = WEEKDAY

Hourly scalar values for Weekday (Days 1-7).

DAY OF WEEK = SATURDAY

Hourly scalar values for Saturday (Days 1-7).

DAY OF WEEK = SUNDAY

Hourly scalar values for Sunday (Days 1-7).

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000034 ; SOURCE TYPE = VOLUME :

Hourly scalar values for Weekday, Saturday, and Sunday.

DAY OF WEEK = WEEKDAY

Hourly scalar values for Weekday (Days 1-7).

DAY OF WEEK = SATURDAY

Hourly scalar values for Saturday (Days 1-7).

DAY OF WEEK = SUNDAY

Hourly scalar values for Sunday (Days 1-7).



17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000035 ; SOURCE TYPE = VOLUME :

HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW
-------	--------	-------	--------	-------	--------	-------	--------	-------	--------	-------

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	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000036 ; SOURCE TYPE = VOLUME :

HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW
-------	--------	-------	--------	-------	--------	-------	--------	-------	--------	-------

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	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14

.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000037 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000038 ; SOURCE TYPE = VOLUME :  
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 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000039 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000040 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000041 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000042 ; SOURCE TYPE = VOLUME :
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000043 ; SOURCE TYPE = VOLUME :
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6

.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000044 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000045 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000046 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000047 ; SOURCE TYPE = VOLUME :  
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	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000048 ; SOURCE TYPE = VOLUME :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	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	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*



\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000049 ; SOURCE TYPE = VOLUME :  
 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 .0000E+00  
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
 .1000E+01 15 .1000E+01 16 .1000E+01  
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
 .0000E+00 7 .0000E+00 8 .0000E+00  
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
 .0000E+00 15 .0000E+00 16 .0000E+00  
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
 .0000E+00 7 .0000E+00 8 .0000E+00  
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
 .0000E+00 15 .0000E+00 16 .0000E+00  
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
 .0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000050 ; SOURCE TYPE = VOLUME :  
 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 .0000E+00  
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
 .1000E+01 15 .1000E+01 16 .1000E+01  
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
 .0000E+00 7 .0000E+00 8 .0000E+00  
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
 .0000E+00 15 .0000E+00 16 .0000E+00  
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
 .0000E+00 7 .0000E+00 8 .0000E+00  
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
 .0000E+00 15 .0000E+00 16 .0000E+00  
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
 .0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000051 ; SOURCE TYPE = VOLUME :
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000052 ; SOURCE TYPE = VOLUME :
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00

.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000053 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000054 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000055 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000056 ; SOURCE TYPE = VOLUME :  
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) \*

SOURCE ID = L0000057 ; SOURCE TYPE = VOLUME :
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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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Haven\AQIA\14822 Ops \*\*\* 04/12/23
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000058 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY 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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000059 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY 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 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14

.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000060 ; SOURCE TYPE = VOLUME :

SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
--------	-------	--------	-------	--------	-------	--------	-------	--------	-------

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	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000061 ; SOURCE TYPE = VOLUME :

SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
--------	-------	--------	-------	--------	-------	--------	-------	--------	-------

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	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000062 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000063 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* AERMET - VERSION 16216 \*\*\*

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000064 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* AERMET - VERSION 16216 \*\*\*

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000065 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* 09:26:06

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000066 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000067 ; SOURCE TYPE = VOLUME :  
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 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

( 447362.2, 3764292.7, 240.7, 240.7, 0.0); ( 447376.0, 3764151.0,  
239.6, 239.6, 0.0);  
( 447389.8, 3764043.0, 237.8, 237.8, 0.0); ( 447450.2, 3764031.0,  
237.5, 237.5, 0.0);  
( 447410.2, 3764019.0, 237.5, 237.5, 0.0); ( 446891.9, 3764451.2,  
241.5, 241.5, 0.0);  
( 446959.3, 3764451.2, 241.5, 241.5, 0.0); ( 446995.3, 3764468.1,  
241.8, 241.8, 0.0);  
( 447007.4, 3764467.3, 241.9, 241.9, 0.0); ( 447023.5, 3764466.1,  
241.9, 241.9, 0.0);  
( 447036.6, 3764466.2, 241.9, 241.9, 0.0); ( 447052.7, 3764465.6,  
242.0, 242.0, 0.0);  
( 447066.6, 3764465.7, 242.1, 242.1, 0.0); ( 447099.6, 3764456.2,  
242.1, 242.1, 0.0);  
( 447145.3, 3764468.3, 242.1, 242.1, 0.0); ( 447175.5, 3764468.0,  
241.7, 241.7, 0.0);  
( 447205.3, 3764468.3, 241.3, 241.3, 0.0); ( 447232.4, 3764467.5,  
242.0, 242.0, 0.0);  
( 447264.0, 3764467.3, 243.3, 243.3, 0.0); ( 447294.8, 3764466.9,

243.8,	243.8,	0.0);				
( 447365.0,	3764456.4,	243.3,	243.3,	0.0);	( 447406.6,	3764460.6,
243.1,	243.1,	0.0);				
( 447441.5,	3764460.0,	243.2,	243.2,	0.0);	( 447466.9,	3764460.2,
243.2,	243.2,	0.0);				
( 447490.0,	3764460.6,	242.9,	242.9,	0.0);	( 447515.5,	3764460.4,
242.6,	242.6,	0.0);				
( 447573.1,	3764454.3,	241.6,	241.6,	0.0);	( 447598.5,	3764445.2,
241.8,	241.8,	0.0);				
( 447652.9,	3764439.7,	243.1,	243.1,	0.0);	( 447692.9,	3764439.5,
243.1,	243.1,	0.0);				
( 447713.8,	3764439.1,	243.1,	243.1,	0.0);	( 447732.0,	3764438.7,
243.2,	243.2,	0.0);				
( 447751.1,	3764438.7,	243.3,	243.3,	0.0);	( 447768.8,	3764437.5,
243.4,	243.4,	0.0);				
( 447789.1,	3764437.7,	243.7,	243.7,	0.0);	( 447805.7,	3764437.3,
243.8,	243.8,	0.0);				
( 447824.0,	3764437.2,	243.9,	243.9,	0.0);	( 447841.6,	3764437.9,
243.9,	243.9,	0.0);				
( 447861.7,	3764437.5,	243.9,	243.9,	0.0);	( 447881.7,	3764435.2,
243.8,	243.8,	0.0);				
( 447902.8,	3764436.2,	243.8,	243.8,	0.0);	( 447920.9,	3764435.3,
243.8,	243.8,	0.0);				
( 447942.2,	3764435.3,	243.8,	243.8,	0.0);	( 447962.8,	3764434.8,
243.8,	243.8,	0.0);				
( 447980.7,	3764435.2,	243.8,	243.8,	0.0);	( 448004.7,	3764435.2,
243.6,	243.6,	0.0);				
( 448021.2,	3764434.7,	243.0,	243.0,	0.0);	( 447662.7,	3764379.6,
243.6,	243.6,	0.0);				
( 447681.3,	3764321.0,	243.4,	243.4,	0.0);	( 447682.6,	3764285.8,
242.3,	242.3,	0.0);				
( 447662.5,	3764238.4,	241.1,	241.1,	0.0);	( 447661.7,	3764207.4,
240.2,	240.2,	0.0);				
( 447683.1,	3764162.3,	239.1,	239.1,	0.0);	( 447681.0,	3764145.9,
238.7,	238.7,	0.0);				
( 447679.6,	3764130.3,	238.2,	238.2,	0.0);	( 447680.8,	3764112.0,
237.8,	237.8,	0.0);				
( 447681.5,	3764096.4,	237.6,	237.6,	0.0);	( 447680.8,	3764078.8,
237.4,	237.4,	0.0);				
( 447680.0,	3764064.3,	237.4,	237.4,	0.0);	( 447681.0,	3764045.8,
237.5,	237.5,	0.0);				
( 447680.6,	3764029.7,	237.5,	237.5,	0.0);	( 447657.2,	3763992.0,
237.3,	237.3,	0.0);				
( 447656.3,	3763967.1,	237.5,	237.5,	0.0);	( 447657.2,	3763928.7,
237.5,	237.5,	0.0);				
( 447657.2,	3763902.2,	237.6,	237.6,	0.0);	( 447657.5,	3763869.0,
237.3,	237.3,	0.0);				
( 447656.2,	3763834.9,	237.4,	237.4,	0.0);	( 447655.9,	3763808.3,
237.5,	237.5,	0.0);				
( 447657.1,	3763786.0,	237.6,	237.6,	0.0);	( 447701.2,	3763782.1,
237.7,	237.7,	0.0);				
( 447856.9,	3763749.7,	236.2,	236.2,	0.0);	( 447855.0,	3763730.1,
236.0,	236.0,	0.0);				
( 447854.3,	3763698.3,	235.6,	235.6,	0.0);	( 447855.3,	3763676.8,
235.4,	235.4,	0.0);				
( 447675.5,	3763287.5,	232.0,	232.0,	0.0);	( 448481.3,	3763485.3,
235.6,	235.6,	0.0);				
( 448480.0,	3763195.5,	232.0,	232.0,	0.0);	( 448478.6,	3762907.2,
229.4,	229.4,	0.0);				
( 448497.9,	3762714.1,	228.1,	228.1,	0.0);	( 448507.9,	3762487.7,
225.8,	225.8,	0.0);				
( 448480.5,	3762358.0,	224.8,	224.8,	0.0);	( 448462.7,	3762339.8,
224.6,	224.6,	0.0);				
( 448464.5,	3762265.9,	223.3,	223.3,	0.0);	( 448461.6,	3762165.2,
222.0,	222.0,	0.0);				
( 448472.6,	3762064.7,	220.0,	220.0,	0.0);	( 448460.5,	3762016.7,

219.4, 219.4, 0.0);  
( 448234.6, 3761951.2, 220.0, 220.0, 0.0); ( 448081.4, 3761952.8,  
220.9, 220.9, 0.0);  
( 448025.5, 3761956.0, 221.0, 221.0, 0.0); ( 447506.8, 3761967.6,  
220.0, 220.0, 0.0);

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Haven\AQIA\14822 Ops \*\*\* 04/12/23  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

( 447269.3, 3761967.7, 219.7, 219.7, 0.0); ( 447389.5, 3761908.8,  
220.0, 220.0, 0.0);  
( 447019.1, 3761964.3, 219.0, 219.0, 0.0); ( 447060.3, 3761963.6,  
219.0, 219.0, 0.0);  
( 446975.3, 3761963.2, 219.0, 219.0, 0.0); ( 446940.9, 3761953.8,  
219.0, 219.0, 0.0);  
( 446865.7, 3761974.5, 219.9, 219.9, 0.0); ( 446795.1, 3761957.9,  
220.0, 220.0, 0.0);  
( 446757.6, 3761965.8, 220.0, 220.0, 0.0); ( 446709.3, 3761967.7,  
220.0, 220.0, 0.0);  
( 446796.4, 3762028.6, 220.0, 220.0, 0.0); ( 446797.0, 3762045.3,  
220.1, 220.1, 0.0);  
( 446796.7, 3762089.5, 221.0, 221.0, 0.0); ( 446796.1, 3762105.9,  
221.0, 221.0, 0.0);  
( 446796.7, 3762137.3, 221.0, 221.0, 0.0); ( 446796.1, 3762153.4,  
221.0, 221.0, 0.0);  
( 446772.4, 3762215.4, 221.6, 221.6, 0.0); ( 446795.1, 3762321.0,  
222.0, 222.0, 0.0);  
( 446796.4, 3762451.0, 224.0, 224.0, 0.0); ( 446796.4, 3762471.2,  
224.4, 224.4, 0.0);  
( 446797.2, 3762496.0, 224.9, 224.9, 0.0); ( 446798.1, 3762516.5,  
225.3, 225.3, 0.0);  
( 446797.8, 3762540.0, 225.7, 225.7, 0.0); ( 446797.5, 3762560.2,  
225.9, 225.9, 0.0);  
( 446798.6, 3762584.8, 226.1, 226.1, 0.0); ( 446798.1, 3762604.4,  
226.5, 226.5, 0.0);  
( 446799.7, 3762654.1, 227.5, 227.5, 0.0); ( 446800.0, 3762674.6,  
228.0, 228.0, 0.0);  
( 446800.2, 3762700.2, 228.5, 228.5, 0.0); ( 446800.2, 3762721.3,  
228.6, 228.6, 0.0);  
( 446800.0, 3762735.7, 228.6, 228.6, 0.0); ( 446797.8, 3762748.0,  
228.6, 228.6, 0.0);  
( 446802.2, 3762913.5, 228.3, 228.3, 0.0); ( 446802.2, 3762932.6,  
228.3, 228.3, 0.0);  
( 446802.4, 3762949.2, 228.3, 228.3, 0.0); ( 446803.0, 3762967.3,  
228.3, 228.3, 0.0);  
( 446802.7, 3762986.1, 228.4, 228.4, 0.0); ( 446802.2, 3763003.3,  
228.6, 228.6, 0.0);  
( 446802.2, 3763021.9, 228.8, 228.8, 0.0); ( 446802.7, 3763040.7,  
229.0, 229.0, 0.0);  
( 446803.0, 3763059.3, 229.2, 229.2, 0.0); ( 446803.5, 3763077.0,  
229.3, 229.3, 0.0);  
( 446756.3, 3763085.3, 228.7, 228.7, 0.0); ( 446807.7, 3763646.4,  
234.6, 234.6, 0.0);  
( 446808.3, 3763674.7, 234.8, 234.8, 0.0); ( 446807.7, 3763694.6,  
234.9, 234.9, 0.0);  
( 446808.3, 3763710.6, 235.0, 235.0, 0.0); ( 446808.3, 3763726.4,  
235.0, 235.0, 0.0);  
( 446808.0, 3763742.1, 235.0, 235.0, 0.0); ( 446808.3, 3763756.9,

```

235.0,      235.0,      0.0);
( 446808.6, 3763798.3,    235.3,    235.3,    0.0);      ( 446810.2, 3764484.1,
241.7,      241.7,      0.0);
( 446781.3, 3764475.1,    241.7,    241.7,    0.0);      ( 446722.6, 3764455.8,
241.4,      241.4,      0.0);
( 446170.3, 3764559.8,    242.5,    242.5,    0.0);      ( 446872.3, 3763190.3,
231.5,      231.5,      0.0);
( 446925.2, 3763179.2,    231.6,    231.6,    0.0);      ( 446984.9, 3763194.9,
231.4,      231.4,      0.0);
( 447010.6, 3763193.3,    231.7,    231.7,    0.0);      ( 447036.6, 3763193.6,
231.7,      231.7,      0.0);
( 447053.6, 3763193.3,    231.7,    231.7,    0.0);      ( 447076.4, 3763192.3,
231.8,      231.8,      0.0);
( 447093.5, 3763192.6,    231.9,    231.9,    0.0);      ( 447122.0, 3763192.6,
231.7,      231.7,      0.0);
( 447138.8, 3763192.3,    231.7,    231.7,    0.0);      ( 447168.0, 3763192.3,
231.6,      231.6,      0.0);
( 447170.7, 3763172.2,    231.4,    231.4,    0.0);      ( 447170.4, 3763158.2,
231.2,      231.2,      0.0);
( 447169.3, 3763144.9,    231.2,    231.2,    0.0);      ( 447147.5, 3763107.4,
231.5,      231.5,      0.0);
( 447146.6, 3763084.2,    231.4,    231.4,    0.0);      ( 447146.9, 3763064.3,
231.1,      231.1,      0.0);
( 447149.9, 3763038.9,    230.8,    230.8,    0.0);      ( 447148.6, 3763019.8,
230.6,      230.6,      0.0);
( 447148.6, 3762997.4,    230.2,    230.2,    0.0);      ( 447206.1, 3762958.5,
229.5,      229.5,      0.0);
( 447209.3, 3762922.5,    229.1,    229.1,    0.0);      ( 447208.4, 3762890.7,
228.9,      228.9,      0.0);
( 447145.8, 3762888.9,    228.9,    228.9,    0.0);      ( 447122.5, 3762889.1,
228.9,      228.9,      0.0);
( 447094.3, 3762890.0,    228.9,    228.9,    0.0);      ( 447071.0, 3762890.4,
229.0,      229.0,      0.0);
( 447043.6, 3762889.7,    228.9,    228.9,    0.0);      ( 447017.8, 3762888.9,
228.9,      228.9,      0.0);
( 446992.1, 3762889.1,    228.9,    228.9,    0.0);      ( 446964.3, 3762888.3,
228.9,      228.9,      0.0);
( 446940.4, 3762888.5,    228.8,    228.8,    0.0);      ( 446911.2, 3762888.1,
228.6,      228.6,      0.0);
( 446885.3, 3762889.7,    228.6,    228.6,    0.0);      ( 446862.1, 3762888.9,
228.6,      228.6,      0.0);

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Haven\AQIA\14822 Ops ***      04/12/23

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*** AERMET - VERSION 16216 ***
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***      09:26:06

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*** MODELOPTs:      RegDEFAULT CONC ELEV URBAN ADJ_U*

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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( 446871.5, 3762779.6,    228.6,    228.6,    0.0);      ( 446926.3, 3762768.7,
228.6,      228.6,      0.0);
( 446983.7, 3762774.2,    228.6,    228.6,    0.0);      ( 447009.0, 3762774.0,
228.5,      228.5,      0.0);
( 447030.5, 3762774.4,    228.2,    228.2,    0.0);      ( 447055.4, 3762774.0,
228.0,      228.0,      0.0);
( 447076.9, 3762774.2,    228.1,    228.1,    0.0);      ( 447101.2, 3762774.4,
228.3,      228.3,      0.0);
( 447123.8, 3762774.0,    228.3,    228.3,    0.0);      ( 447148.1, 3762775.0,
228.4,      228.4,      0.0);
( 447170.2, 3762774.8,    228.5,    228.5,    0.0);      ( 447196.8, 3762775.5,
228.5,      228.5,      0.0);
( 447242.1, 3762776.6,    228.5,    228.5,    0.0);      ( 447262.3, 3762776.0,

```



\*\*\* UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES  
 \*\*\*

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

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 Haven\AQIA\14822 Ops \*\*\* 04/12/23

\*\*\* AERMET - VERSION 16216 \*\*\*

\*\*\* 09:26:06

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA \*\*\*

Surface file:

KONT\_V9\_ADJU\KONT\_v9.SFC

Met

Version: 16216

Profile file:

KONT\_V9\_ADJU\KONT\_v9.PFL

Surface format:

FREE

Profile format:

FREE

Surface station no.: 3102

Upper air station no.: 3190

Name: UNKNOWN

Name:

UNKNOWN

Year: 2012

Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0	BOWEN	ALBEDO	REF	WS
WD	HT	REF	TA	HT													
12	01	01	1	01	-16.4	0.171	-9.000	-9.000	-999.	170.	32.3	0.09	1.12	1.00	2.03		
43.	7.9	285.9	2.0														
12	01	01	1	02	-18.8	0.194	-9.000	-9.000	-999.	205.	41.3	0.09	1.12	1.00	2.28		
34.	7.9	285.4	2.0														
12	01	01	1	03	-17.8	0.182	-9.000	-9.000	-999.	187.	36.5	0.09	1.12	1.00	2.15		
24.	7.9	282.0	2.0														
12	01	01	1	04	-9.4	0.128	-9.000	-9.000	-999.	110.	19.6	0.09	1.12	1.00	1.55		
41.	7.9	283.1	2.0														
12	01	01	1	05	-16.9	0.173	-9.000	-9.000	-999.	173.	33.0	0.09	1.12	1.00	2.05		
39.	7.9	280.4	2.0														
12	01	01	1	06	-8.0	0.117	-9.000	-9.000	-999.	97.	17.8	0.09	1.12	1.00	1.43		
21.	7.9	282.0	2.0														
12	01	01	1	07	-7.6	0.115	-9.000	-9.000	-999.	93.	17.4	0.09	1.12	1.00	1.40		
31.	7.9	282.5	2.0														
12	01	01	1	08	-13.6	0.184	-9.000	-9.000	-999.	190.	40.5	0.09	1.12	0.54	2.16		
34.	7.9	284.2	2.0														
12	01	01	1	09	28.4	0.126	0.300	0.011	33.	108.	-6.2	0.09	1.12	0.32	1.03		
29.	7.9	289.2	2.0														
12	01	01	1	10	79.8	0.133	0.607	0.010	99.	116.	-2.6	0.09	1.12	0.25	0.94		
173.	7.9	292.5	2.0														
12	01	01	1	11	115.8	0.137	0.932	0.006	246.	121.	-2.0	0.09	1.12	0.22	0.92		
172.	7.9	295.4	2.0														
12	01	01	1	12	133.7	0.139	1.197	0.005	453.	125.	-1.8	0.09	1.12	0.21	0.92		
146.	7.9	297.5	2.0														
12	01	01	1	13	133.2	0.160	1.354	0.005	657.	153.	-2.7	0.09	1.12	0.21	1.14		
117.	7.9	299.9	2.0														
12	01	01	1	14	113.5	0.159	1.454	0.005	955.	151.	-3.1	0.09	1.12	0.23	1.16		
285.	7.9	300.9	2.0														
12	01	01	1	15	76.2	0.166	1.350	0.005	1138.	163.	-5.3	0.09	1.12	0.26	1.33		



72.	7.9	302.0	2.0											
12 01 01	1 16	23.5	0.175	0.925	0.005	1183.	175.	-19.9	0.09	1.12	0.35	1.65		
107.	7.9	301.4	2.0											
12 01 01	1 17	-6.1	0.107	-9.000	-9.000	-999.	86.	18.0	0.09	1.12	0.63	1.31		
107.	7.9	298.1	2.0											
12 01 01	1 18	-11.1	0.141	-9.000	-9.000	-999.	127.	22.1	0.09	1.12	1.00	1.69		
86.	7.9	293.1	2.0											
12 01 01	1 19	-3.2	0.076	-9.000	-9.000	-999.	51.	11.8	0.09	1.12	1.00	0.91		
64.	7.9	292.0	2.0											
12 01 01	1 20	-2.3	0.066	-9.000	-9.000	-999.	41.	11.2	0.09	1.12	1.00	0.74		
73.	7.9	288.8	2.0											
12 01 01	1 21	-10.0	0.133	-9.000	-9.000	-999.	116.	20.5	0.09	1.12	1.00	1.60		
14.	7.9	288.1	2.0											
12 01 01	1 22	-19.4	0.201	-9.000	-9.000	-999.	216.	44.5	0.09	1.12	1.00	2.36		
22.	7.9	287.5	2.0											
12 01 01	1 23	-23.7	0.246	-9.000	-9.000	-999.	293.	66.5	0.09	1.12	1.00	2.86		
40.	7.9	287.0	2.0											
12 01 01	1 24	-12.3	0.147	-9.000	-9.000	-999.	139.	23.8	0.09	1.12	1.00	1.76		
40.	7.9	283.8	2.0											

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	7.9	1	43.	2.03	286.0	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

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 \*\*\* AERMET - VERSION 16216 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): VOL1 , VOL2 ,  
 VOL3 , VOL4 , VOL5 ,  
 VOL6 , VOL7 , VOL8 , VOL9 , VOL10 ,  
 VOL11 , VOL12 , VOL13 ,  
 VOL14 , VOL15 , VOL16 , VOL17 , VOL18 ,  
 VOL19 , VOL20 , VOL21 ,  
 VOL22 , VOL23 , VOL24 , VOL25 , VOL26 ,  
 VOL27 , VOL28 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF DPM IN \*\*  
 MICROGRAMS/M\*\*3

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
447362.21	3764292.67	0.00131	447375.98	
3764150.98	0.00137			
447389.75	3764043.04	0.00152	447450.16	
3764031.05	0.00141			
447410.18	3764019.05	0.00156	446891.90	
3764451.22	0.00054			
446959.28	3764451.22	0.00086	446995.28	
3764468.13	0.00076			
447007.41	3764467.30	0.00080	447023.51	
3764466.09	0.00084			
447036.59	3764466.21	0.00086	447052.68	
3764465.61	0.00089			

447066.60	3764465.73	0.00090	447099.65
3764456.17	0.00106		
447145.28	3764468.27	0.00100	447175.54
3764468.03	0.00104		
447205.32	3764468.27	0.00104	447232.43
3764467.55	0.00102		
447264.02	3764467.30	0.00097	447294.77
3764466.94	0.00092		
447364.97	3764456.41	0.00083	447406.61
3764460.65	0.00074		
447441.47	3764460.04	0.00069	447466.88
3764460.20	0.00066		
447490.00	3764460.56	0.00063	447515.50
3764460.40	0.00060		
447573.06	3764454.29	0.00056	447598.49
3764445.22	0.00055		
447652.90	3764439.70	0.00051	447692.92
3764439.51	0.00049		
447713.82	3764439.11	0.00048	447731.95
3764438.72	0.00047		
447751.07	3764438.72	0.00046	447768.82
3764437.53	0.00045		
447789.12	3764437.73	0.00044	447805.68
3764437.34	0.00044		
447824.02	3764437.20	0.00043	447841.61
3764437.87	0.00042		
447861.72	3764437.53	0.00042	447881.66
3764435.18	0.00041		
447902.78	3764436.19	0.00041	447920.87
3764435.35	0.00040		
447942.16	3764435.35	0.00040	447962.77
3764434.85	0.00039		
447980.70	3764435.18	0.00039	448004.66
3764435.18	0.00038		
448021.25	3764434.68	0.00038	447662.70
3764379.63	0.00056		
447681.30	3764320.98	0.00059	447682.64
3764285.79	0.00062		
447662.53	3764238.37	0.00068	447661.70
3764207.37	0.00072		
447683.14	3764162.29	0.00076	447680.97
3764145.87	0.00079		
447679.63	3764130.28	0.00082	447680.80
3764112.02	0.00086		
447681.47	3764096.43	0.00089	447680.80
3764078.84	0.00094		
447679.96	3764064.26	0.00098	447680.97
3764045.82	0.00104		
447680.63	3764029.74	0.00110	447657.17
3763992.03	0.00133		
447656.33	3763967.06	0.00151	447657.17
3763928.69	0.00188		
447657.17	3763902.21	0.00223	447657.51
3763869.03	0.00269		
447656.16	3763834.94	0.00308	447655.93
3763808.27	0.00318		
447657.09	3763786.00	0.00311	447701.21
3763782.14	0.00232		
447856.92	3763749.71	0.00126	447854.99
3763730.13	0.00127		
447854.35	3763698.35	0.00126	447855.31
3763676.84	0.00125		
447675.51	3763287.46	0.00265	448481.33
3763485.29	0.00050		
448479.95	3763195.53	0.00061	448478.56
3762907.16	0.00130		

448497.89 3762714.10 0.00242 448507.91  
 3762487.71 0.00561

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR  
 SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): VOL1 , VOL2 ,  
 VOL3 , VOL4 , VOL5  
 VOL6 , VOL7 , VOL8 , VOL9 , VOL10 ,  
 VOL11 , VOL12 , VOL13 ,  
 VOL14 , VOL15 , VOL16 , VOL17 , VOL18 ,  
 VOL19 , VOL20 , VOL21 ,  
 VOL22 , VOL23 , VOL24 , VOL25 , VOL26 ,  
 VOL27 , VOL28 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF DPM MICROGRAMS/M**3	IN		
X-COORD (M) (M)	Y-COORD (M) CONC	CONC		X-COORD (M)	Y-COORD
448480.49	3762357.96	0.00729		448462.73	
3762339.82	0.00570				
448464.47	3762265.93	0.00382		448461.57	
3762165.17	0.00302				
448472.57	3762064.71	0.00149		448460.48	
3762016.72	0.00102				
448234.63	3761951.18	0.00089		448081.42	
3761952.78	0.00098				
448025.53	3761955.99	0.00102		447506.75	
3761967.63	0.00110				
447269.29	3761967.74	0.00106		447389.46	
3761908.79	0.00068				
447019.14	3761964.34	0.00085		447060.33	
3761963.58	0.00088				
446975.31	3761963.20	0.00079		446940.92	
3761953.76	0.00068				
446865.72	3761974.54	0.00065		446795.06	
3761957.91	0.00044				
446757.65	3761965.85	0.00039		446709.33	
3761967.74	0.00033				
446796.42	3762028.62	0.00063		446796.97	
3762045.28	0.00068				
446796.70	3762089.51	0.00079		446796.15	
3762105.89	0.00083				
446796.70	3762137.29	0.00088		446796.15	
3762153.39	0.00090				
446772.40	3762215.37	0.00074		446795.06	
3762321.03	0.00084				
446796.42	3762450.98	0.00049		446796.42	
3762471.18	0.00045				
446797.24	3762496.03	0.00041		446798.06	
3762516.51	0.00039				
446797.79	3762539.98	0.00036		446797.52	
3762560.19	0.00035				
446798.61	3762584.76	0.00033		446798.06	
3762604.42	0.00032				

446799.70	3762654.11	0.00030	446799.97
3762674.58	0.00029		
446800.25	3762700.25	0.00029	446800.25
3762721.27	0.00029		
446799.97	3762735.74	0.00028	446797.79
3762748.02	0.00028		
446802.16	3762913.47	0.00029	446802.16
3762932.58	0.00030		
446802.43	3762949.24	0.00030	446802.98
3762967.26	0.00031		
446802.70	3762986.09	0.00032	446802.16
3763003.29	0.00032		
446802.16	3763021.86	0.00033	446802.70
3763040.70	0.00034		
446802.98	3763059.26	0.00035	446803.52
3763077.01	0.00037		
446756.29	3763085.26	0.00034	446807.68
3763646.39	0.00099		
446808.32	3763674.66	0.00100	446807.68
3763694.57	0.00099		
446808.32	3763710.63	0.00099	446808.32
3763726.37	0.00098		
446808.00	3763742.11	0.00097	446808.32
3763756.89	0.00098		
446808.64	3763798.32	0.00097	446810.25
3764484.08	0.00029		
446781.34	3764475.08	0.00027	446722.56
3764455.81	0.00023		
446170.32	3764559.79	0.00009	446872.29
3763190.26	0.00074		
446925.22	3763179.19	0.00079	446984.86
3763194.88	0.00105		
447010.56	3763193.28	0.00105	447036.58
3763193.60	0.00109		
447053.61	3763193.28	0.00112	447076.42
3763192.31	0.00117		
447093.45	3763192.63	0.00122	447122.05
3763192.63	0.00129		
447138.75	3763192.31	0.00133	447167.99
3763192.31	0.00143		
447170.68	3763172.18	0.00126	447170.41
3763158.25	0.00118		
447169.31	3763144.87	0.00113	447147.46
3763107.45	0.00092		

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR  
SOURCE GROUP: ALL \*\*\*  
INCLUDING SOURCE(S): VOL1 , VOL2 ,  
VOL3 , VOL4 , VOL5 ,  
VOL6 , VOL7 , VOL8 , VOL9 , VOL10 ,  
VOL11 , VOL12 , VOL13 ,  
VOL14 , VOL15 , VOL16 , VOL17 , VOL18 ,  
VOL19 , VOL20 , VOL21 ,  
VOL22 , VOL23 , VOL24 , VOL25 , VOL26 ,  
VOL27 , VOL28 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF DPM IN

MICROGRAMS/M\*\*3

\*\*

X-COORD (M) (M)	Y-COORD (M) CONC	CONC	X-COORD (M)	Y-COORD
447146.64	3763084.24	0.00088	447146.92	
3763064.30	0.00085			
447149.92	3763038.90	0.00082	447148.56	
3763019.78	0.00079			
447148.56	3762997.39	0.00076	447206.08	
3762958.49	0.00100			
447209.33	3762922.51	0.00102	447208.40	
3762890.70	0.00100			
447145.83	3762888.87	0.00067	447122.55	
3762889.07	0.00061			
447094.33	3762890.05	0.00055	447071.04	
3762890.45	0.00051			
447043.61	3762889.66	0.00047	447017.76	
3762888.87	0.00044			
446992.11	3762889.07	0.00041	446964.28	
3762888.28	0.00039			
446940.41	3762888.47	0.00037	446911.20	
3762888.08	0.00035			
446885.35	3762889.66	0.00033	446862.07	
3762888.87	0.00032			
446871.45	3762779.57	0.00032	446926.31	
3762768.72	0.00035			
446983.74	3762774.24	0.00040	447009.00	
3762774.05	0.00042			
447030.51	3762774.44	0.00044	447055.37	
3762774.05	0.00047			
447076.88	3762774.24	0.00050	447101.16	
3762774.44	0.00053			
447123.85	3762774.05	0.00057	447148.12	
3762775.03	0.00061			
447170.23	3762774.84	0.00066	447196.78	
3762775.48	0.00073			
447242.12	3762776.57	0.00089	447262.33	
3762776.03	0.00097			
447294.56	3762776.30	0.00114	447313.13	
3762775.48	0.00124			
447313.40	3762749.53	0.00119	447327.86	
3762713.09	0.00136			
447327.36	3762679.87	0.00137	447327.74	
3762657.02	0.00136			
447327.28	3762636.82	0.00135	447327.51	
3762612.90	0.00139			
447327.28	3762592.24	0.00145	447327.04	
3762569.71	0.00157			
447327.28	3762547.89	0.00172	447326.58	
3762524.67	0.00188			
447326.58	3762506.09	0.00202	447327.51	
3762477.53	0.00229			
447325.88	3762454.31	0.00259	447225.58	
3762432.95	0.00249			
447200.27	3762430.63	0.00249	447156.85	
3762430.16	0.00255			
447131.77	3762430.86	0.00253	447102.74	
3762430.63	0.00240			
447079.06	3762430.86	0.00218	447034.94	
3762433.65	0.00186			
446995.47	3762433.65	0.00178	446972.71	
3762434.34	0.00173			
446941.37	3762434.58	0.00158	446916.06	
3762436.90	0.00128			

```

446876.35    3762436.90    0.00091    446848.85
3762647.05    0.00033
446848.85    3762563.17    0.00039    446849.17
3762509.82    0.00047
446849.17    3762455.82    0.00063    446848.85
3762702.00    0.00031
446849.49    3762754.71
0.00031

```

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*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14822 Rich
Haven\AQIA\14822 Ops *** 04/12/23

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*** AERMET - VERSION 16216 ***

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*** *** 09:26:06

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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*** THE SUMMARY OF MAXIMUM PERIOD ( 43848 HRS) RESULTS
***

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** CONC OF DPM IN **
MICROGRAMS/M**3

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NETWORK

```

GROUP ID NETWORK
ZFLAG) OF TYPE GRID-ID AVERAGE CONC RECEPTOR (XR, YR, ZELEV, ZHILL,
-----

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```

ALL 1ST HIGHEST VALUE IS 0.00729 AT ( 448480.49, 3762357.96, 224.76,
224.76, 0.00) DC
2ND HIGHEST VALUE IS 0.00570 AT ( 448462.73, 3762339.82, 224.57,
224.57, 0.00) DC
3RD HIGHEST VALUE IS 0.00561 AT ( 448507.91, 3762487.71, 225.77,
225.77, 0.00) DC
4TH HIGHEST VALUE IS 0.00382 AT ( 448464.47, 3762265.93, 223.32,
223.32, 0.00) DC
5TH HIGHEST VALUE IS 0.00318 AT ( 447655.93, 3763808.27, 237.51,
237.51, 0.00) DC
6TH HIGHEST VALUE IS 0.00311 AT ( 447657.09, 3763786.00, 237.62,
237.62, 0.00) DC
7TH HIGHEST VALUE IS 0.00308 AT ( 447656.16, 3763834.94, 237.37,
237.37, 0.00) DC
8TH HIGHEST VALUE IS 0.00302 AT ( 448461.57, 3762165.17, 221.96,
221.96, 0.00) DC
9TH HIGHEST VALUE IS 0.00269 AT ( 447657.51, 3763869.03, 237.32,
237.32, 0.00) DC
10TH HIGHEST VALUE IS 0.00265 AT ( 447675.51, 3763287.46, 232.04,
232.04, 0.00) DC

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*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

```

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*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14822 Rich
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*** AERMET - VERSION 16216 ***

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*** *** 09:26:06

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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*** Message Summary : AERMOD Model Execution ***

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----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)  
A Total of 2 Warning Message(s)  
A Total of 1628 Informational Message(s)  
  
A Total of 43848 Hours Were Processed  
  
A Total of 1278 Calm Hours Identified  
  
A Total of 350 Missing Hours Identified ( 0.80 Percent)

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*  
\*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
ME W186 2215 MEOPEN: THRESH\_1MIN 1-min ASOS wind speed threshold used 0.50  
ME W187 2215 MEOPEN: ADJ\_U\* Option for Stable Low Winds used in AERMET

\*\*\*\*\*  
\*\*\* AERMOD Finishes Successfully \*\*\*  
\*\*\*\*\*